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Final Report

on

Risk Mapping for Climate Vulnerability of 487 upazilas in Bangladesh (Package No. DAE/SD-02)

Submitted to

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Agro-Meteorological Information Systems Development Project
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Khamarbari, Farmgate, Dhaka-1215

June 2020

Submitted by



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Abbreviations

APHRODITE Data	:	Asian Precipitation-Highly-Resolved Observational Data
BMD	:	Bangladesh Meteorological Department
BCSD	:	Bias-Correction Spatial Disaggregation
BT	:	Brightness Temperature
CRU Data	:	Climate Research Unit of the University of East Anglia Data
CanESM2	:	Canadian Earth System Model CanESM2
CMIP5	:	Coupled Model Intercomparison Project Phase 5
CORDEX	:	Coordinated Regional Downscaling Experiment
GDP	:	Gross Domestic Product
GCM	:	General Circulation Model
GFDL-ESM2M	:	Geophysical Fluid Dynamics Laboratory-Earth System Model
IPSL-CM5A-MR	:	Institut Pierre Simon Laplace Model CM5A-MR
IPCC	:	Intergovernmental Panel on Climate Change
MIROC-ESM	:	Model for Interdisciplinary Research on Climate–Earth System Model
MPI-ESM-MR	:	Max Planck Institute for Meteorology Earth System Model MR
NCEP/NCAR	:	National Centers for Environmental Prediction/ National Centre for Atmospheric Research
NASA	:	National Aeronautics and Space Administration
NEX-GDDP	:	NASA Earth Exchange (NEX) High Resolution Global Daily Downscaled Projection
NorESM	:	Norwegian Earth System Model
NAS	:	NASA Advanced Supercomputing
NDVI	:	Normalized Difference Vegetation Index
NOAA		National Oceanic and Atmospheric Administration
PET	:	Evapotranspiration
PCA	:	Principal Component Analysis
PC	:	Principal Component
PE	:	Potential Evapotranspiration
RCP	:	Representative Concentration Pathway
SPI	:	Standardized Precipitation Index
SLR	:	Sea Level Rise
TCI	:	Temperature Condition Index
VCI	:	Vegetation Condition Index
VI	:	Vulnerability Index

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SUMMARY

Climate risk in agriculture represents the probability of a defined hydro-meteorological hazard affecting the livelihood of farmers. Risk refers to a probability that can be estimated from prior information, while uncertainty applies to situations in which probability cannot be estimated. Both risks and uncertainties contribute to choice of appropriate management practices by the decision-makers in agriculture. Farmers to some extent understand the risks and uncertainties of climate at their location and optimize the management practices based on years of experience. However, growing demand, changing climatic conditions, intensification and spread of agriculture to marginal production environments warrants improved climate risk management and decision support systems to enable appropriate choice of practices and strategies to match the current and future climate risks.

Bangladesh with a relatively large share of population dependent on agriculture is more prone to the adverse effects of climatic variability. Historical trends and a number of model based projections point to a noticeable increase in surface temperature and erratic rainfall in Bangladesh. This along with the possible changes in spatial and temporal patterns in rainfall poses challenges to sustainable agricultural production. Keeping the need to make Bangladesh agriculture more resilient to changing and increasingly variable climate. In order to develop and target appropriate adaptation measures, it is important to identify regions that are more affected by climatic variability. This identification process involves assessment of vulnerability of different upazilas in Bangladesh. This proposed risk mapping is presented the analysis of vulnerability of agriculture to climate variability and risks at the upazila level considering the fact that most of the development planning and programme implementation is done at upazila level in Bangladesh. The output of the analysis has been presented in the form of maps representing various dimensions of vulnerability. This approach is useful in identifying the upazilas that are vulnerable to climate so that necessary management practices and adoption of technologies could be targeted. It is also useful in identifying sources of vulnerability that are critical to developing appropriate adaptation measures in terms of technologies, investments and polices. With the above background, this study has been conducted with the aim to identify the natural and climate induced vulnerability of the upazilas level to determine the highest vulnerable areas and provide the intervention benefits of the formers against various degrees of risk and vulnerability. Presented below the major conclusions based on the study:

(i) This study, shows that most of the cyclone hit around Chottagram-Feni coast and these coastal areas was observed as at very high risk. On the other hand, only high risk shows in Barguna-Patuakhali-Noakhali-Bhola coast, whereas Khulna coast areas show low risk area, and other areas show very low to no risk. Upazilas affected by the cyclone at different intensities in the above-areas.

(ii) Haor region is found very high to high risk area for flash flood. On the other hand, only high risk area is noticed over the upazilas under Madaripur, Shariatpur, Rajbari, Faridpur, Manikganj, Jamalpur and Gaibandha zilas. The rest of the zilas are comparatively less vulnerable.

(iii) The study observes that very high vulnerable area for cold wave in the upazilas under Rajshahi-Dinajpur regions. The upazilas under Chuadanga, Meherpur, Kushtia, Natore, Bogura, Guaibandha, Rangpur, Kurigram, Nilphamri, Lalmonirhat and Moulvibazar zilas are high vulnerable area. The rest locations (upazilas) is found to be low to moderate vulnerable area for cold wave stress.

(iv) High to very high heat wave vulnerable area is observed in the upazilas in the western part; most of the upazilas are found to be low to moderate heat wave vulnerable area in Bangladesh except the southern parts costal area; the latter region, is classed as no heat waves vulnerable area.

(v) High to very high salinity intrusion is observed over almost all upazilas under Satkhira, Khulna, Barguna, Pirojpur, Jhalokati, Patuakhali, Bhola Noakhali and Cox's Bazar zilas and low to moderate over the upazilas under Narial, Gopalganj, Madaripur, Shariatpur, Chanpur, Lakshimpur, Feni and Chittagong zilas.

(vi) The produced vulnerable map with respect to storm surge inundation, the designates very high category upazilas in the mid-southern and southeast part (Patuakhali, Bhola, Noakhali, Chattogram zilas) and high category upazilas in the Satkhira, Khulna, Bagerhat, Chandpur, Lakshimipur, Barishal, Bhola, Narsingdi, Cox's Bazar, Shariatpur, zilas; the rest coastal locations (upazilas) are classed as low to moderate vulnerable.

(vii) With respect to the amount of 1-day maximum rainfall, very high risk area is categorized for some upazilas in the southeastern part of Chattogram and Bhola zilas, high risk area is found to be in some upazilas of Mymensingh, Chattogram. Noakhali, Sylhet and Dinajpur zilas, and low to moderate risk area in other locations; this categorization has been based on observed rainfall (BMD data). Using gridded Aphrodite rainfall data, high to very high risk areas have been designated for some upazilas of Sylhet, Sunamganj and Cox's Bazar zilas, whereas, low to moderate risk areas is demarked over the upazilas of southern and northeastern, Bangladesh and the rest of the upazilas (notably western part) classed as low risk area. With CRU rainfall data, upazilas under Noakhali, Bhola, Sunamganj and Sylhet zilas belonged to very high to high risk areas, whereas, study locations of southeast to central part is designated to be low to moderate risk area. The risk categorization using CRU rainfall was similar to that using the Aphrodite gridded rainfall data-source.

(viii) Vulnerability Index (SPI) based on monsoon drought analysis using observed gridded Aphrodite rainfall, indicates the prevalence of severe to extremely dry conditions in most of the upazilas over southern and western part of Bangladesh; some upazilas of northwest and some isolated upazilas of eastern part showed mild wet conditions, whereas extreme wet conditions were seen in some upazilas of Sylhet region. Furthermore, mild dry conditions prevailed in some pocket upazilas of northern part of Bangladesh. The gridded Aphrodite rainfall based SPI was very similar to observed rainfall.

Projections

(ix) Vulnerability Index (SPI) based on monsoon seasonal drought frequency is likely to decrease over northwest upazilas of Bangladesh under RCP4.5. Mild to moderate

drought conditions would prevail over northwest upazilas of Bangladesh. On the other hand, moderate to extremely wet conditions are expected over southern upazilas and mild wet conditions may prevail over narrow part of central upazilas (along Meherpur-Rajshahi to Sylhet-Moulvibazar) in 2030. But in 2050 in southern regional upazilas are projected to experience mild to moderate wet conditions and central to northern (including Chapai Nawabganj, Rajshahi, Meherpur and Chuadanga zilas) upazilas to experience severe to extreme wet conditions in 2050. In monsoon season, mild wet conditions are projected to occur in most of the upazilas in Bangladesh except in some upazilas of western part (Rajshahi regions), it is likely to occur moderate to severe wet conditions in 2070. On the other hand, mild to moderate dry conditions are expected over north-eastern and southern upazilas at the same year. Under RCP4.5, severe to extreme wet conditions are projected to increase in almost all upazilas (central to southern part) for monsoon season in 2090, whereas, mild to moderate wet conditions are likely to occur over northern upazilas as the same period.

(x) Monthly rainfall is expected to decrease by more than -10% in most of the months except in January, May, July, August, October and December, where July and October is likely to increase by more than 10% and in rest of the months is projected to remain the same in most of the upazilas in 2030. Seasonal rainfall is likely to decrease by more than -10% during pre-monsoon and winter season; monsoonal and post-monsoonal rainfall is expected to rise or stay normal for most of the upazilas compared to the baseline period. Annual rainfall is expected to normal in most of the upazilas under RCP4.5 in 2030.

(xi) During 2050, monthly rainfall is projected to remain the same in most of the months except in March, April, June, July, August and September, where March is expected to decrease by more than -10% and in rest of the months is likely to increase by more than 10% in most of the upazilas in 2050. Seasonal rainfall is likely to remain the same during pre-monsoon, post-monsoon and winter season; the monsoonal rainfall is expected to rise by more than 10% for most of the upazilas compared to the baseline period. Annual rainfall is expected to increase by more than 10% in most of the upazilas under RCP4.5 in 2050.

(xii) Monthly rainfall is expected to decrease by more than -10% in most of the months except in May, July, August and November, where it is likely to increase by more than 10% in most of the upazilas in 2070. Seasonal rainfall is likely to decrease by more than -10% during post-monsoon and winter season; pre-monsoonal and monsoonal rainfall is expected to rise or stay normal for most of the upazilas compared to the baseline period. Annual rainfall is expected to normal in most of the upazilas under RCP4.5 in 2070.

(xiii) Monthly rainfall is likely to increase by more than 10% in most of the months except in March, April, June, and December, where it is likely to decrease by more than -10% in most of the upazilas in 2090. Seasonal rainfall is likely to increase by more than 10% during monsoon, post-monsoon and winter seasons; the pre-monsoonal rainfall is expected to decrease for most of the upazilas compared to the baseline

period. Annual rainfall is expected to increase in most of the upazilas under RCP4.5 in 2090.

(xiv) Monthly maximum temperature is projected to increase between 0.3 to 1.8°C under RCP4.5. The highest increase in maximum temperature in March is projected by about 1.8°C in the upazilas of northeast part (Sylhet region), Bangladesh. Seasonal maximum temperature is expected to rise in the range of 0.9-1.8°C, 0.8-1.3°C, 0.9-1.4°C and 1.0-1.7°C for pre-monsoon, monsoon, post-monsoon and winter season, respectively. Annual maximum temperature is projected to rise, on an average by 1.3°C for the year 2030. Similarly, monthly minimum temperature is expected to rise by 0.2 to 1.9°C. The highest minimum temperature in December and February is expected to increase by 1.3°C over northwestern upazilas (Kurigram region). Seasonal minimum temperature is projected to rise in the range of 0.7 to 1.6°C, 0.7 to 1.3°C, 0.4 to 0.9°C and 0.7 to 1.7°C for pre-monsoon, monsoon, post-monsoon and winter season, respectively. Annual minimum temperature is likely to increase, on an average by 1.1°C under RCP4.5 in 2030.

(xv) The change of maximum temperature in various months at different upazilas is projected to increase by about 0.5 to 2.0°C for the year 2050. The highest increase in maximum temperature in March is projected by about 2.0°C over northwestern upazilas. Seasonal maximum temperature is likely to increase in the range of 1.3-1.7°C, 1.1-1.8°C, 1.5-2.2°C and 1.1-1.7°C for pre-monsoon, monsoon, post-monsoon winter season, respectively. Annual maximum temperature is projected to increase, on an average by 1.6°C under RCP4.5. Similarly, minimum temperature change in different months are expected to rise by 1.0 to 2.6°C over Bangladesh. The highest in minimum temperature could increase by 2.6°C in December over western upazilas (Rajshahi region). The rate of increase in seasonal minimum temperature can occur in the range of 1.1-1.7°C, 1.2-1.7°C, 1.4-2.0°C and 1.2-2.0°C for pre-monsoon, monsoon, post-monsoon winter season, respectively and annual minimum temperature, on an average may increase by 1.6°C for 2050.

(xvi) The projected increase in monthly maximum temperature could be between 1.1 to 3.2°C for 2070. The highest increase in maximum temperature in March is expected to be about 2.9°C over northeastern upazilas of Bangladesh. Seasonal maximum temperature is expected to rise in the range of 1.5-2.4°C, 1.2-2.0°C, 1.7-2.4°C and 1.8-2.7°C for pre-monsoon, monsoon, post-monsoon and winter season, respectively under RCP4.5 and annual maximum temperature, on an average may increase by 2.1°C for 2070. Similarly, monthly minimum temperature is projected to increase by 1.3 to 2.9°C. The highest in minimum temperature in December has been observed to be 2.9°C over northeastern upazilas. Seasonal minimum temperature may vary from 1.5-2.2°C, 1.5-2°C, 1.8-2.7°C and 1.8-2.5°C for pre-monsoon, monsoon, post-monsoon and winter season, respectively and annual minimum temperature, on an average may increase by 2.1°C for 2070.

(xvii) Change of maximum temperature in various months at different upazilas are projected by about 0.3-3.0°C. The highest maximum temperature is found to be 3.0°C in March over northwestern upazilas (Thakurgaon region) for 2090. Seasonal maximum temperature is likely to increase in the range of 1.8-3.0°C, 1.4-2.5°C, 1.3-

2.5°C and 0.9-1.8°C for pre-monsoon, monsoon, post-monsoon, winter season, respectively and annual maximum temperature, on an average may be increased by 1.9°C for 2090. On the other hand, the minimum temperature, is expected to rise by 0.9 to 2.5°C in various months at different upazilas. The highest minimum temperature is projected to be 2.8°C in March over northeastern upazilas (Sylhet region) for 2090. The rate of increase in seasonal minimum temperature may vary from 1.6-2.5°C, 1.3-2.1°C, 1.7-2.2°C and 1.1-1.6°C for pre-monsoon, monsoon, post-monsoon and winter season, respectively and annual minimum temperature, on an average may increase by 1.9°C for 2090.

(xviii) The number of rainy days is an indicator of distribution of rainfall when viewed in conjunction with the amount of rainfall during a year. No considerable change is observed in the number of rainy days across the months except for July and October, in this two months' rainfall is expected to be more frequent in most of the upazilas under RCP4.5. The number of rainy days is expected to increase in post-monsoon and decrease in pre-monsoon and winter season and no change in monsoon season and annual for 2030. No considerable change is expected in the projected number of rainy days for seven months, for the other five months (April, June, July, August, September) it is likely to increase for most of the upazilas. The rainy days for monsoon season is likely to increase and to remain about the same for pre-monsoon, post-monsoon and winter seasons and annual rainy days is also increased under RCP4.5 for the year 2050.

(xix) During 2070, the number of rainy days are expected to increase in four months (May, July, August and November) and decrease in four months (February, March, September, October) and in rest of the months to remain about the same under RCP4.5. The frequency of rainy days for pre-monsoon and monsoon season is likely to increase, and post-monsoon and winter season may decrease. Annually, the rainy days is projected to remain the same in 2070. Under RCP4.5, the rainy days are expected to be received in more days in various months except in some months (January, April, May, September and December). The rainy days of April and May are likely to decrease and in rest of the month to remain the same in 2090. The rainy days are projected to increase in monsoon, post-monsoon and winter season; whereas, in pre-monsoon season it is expected to decrease and annual frequency of rainy days is likely to increase under RCP4.5 for 2090.

(xx) The ratio of precipitation (P) to potential evapotranspiration (PET) provides a simple index of water supply for agriculture risk assessment. P/PET map shows in the upazilas of western part (Rajshahi regions) of Bangladesh has the highest risk for detrimental effects of lower precipitation and extended droughts as per figure for the month of June. P/PET is considerably higher than 1 may be less vulnerable to lower P and higher PET and in some cases be more vulnerable if higher P is associated with more extreme rainfall and flood. P/PPT is considerably higher than 1, have much lower risk from higher temperature and lower precipitation, because P is already in excess for the month of July-September in Bangladesh using historical data of NorESM. In monsoon season, northeastern upazilas (Moulvibazar region), where P/PET is expected by less than 1 and it may be vulnerable than the

others region under RCP4.5 for the mid-century (2021-2050). Similarly, in monsoon season, northeastern upazilas (Sylhet-Moulvibazar region) where P/PET is projected by less than 1 and it may also vulnerable than the others region under RCP4.5 for the last-century (2071-2100).

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CHAPTER 1

INTRODUCTION

1.1 Introduction

Climate change is one of the current issues that severely impact all climate sensitive sectors like agriculture. The manifestation of climate change such as rising temperatures, increasingly erratic rainfall, and more frequent and severe floods and droughts have grave consequences on the livelihood security of smallholder farming communities, making them more vulnerable. Agriculture plays a great role in the livelihood of rural communities in many Asian countries. Most such countries are, however, predicted to be among the globe's most vulnerable to climatic changes (Schlender and Lobell, 2010; Samson et al., 2011; Morand et al., 2012). Scientists noted that the negative consequences of climate change are anticipated overall for Asia where most of the small farmers subsist on rain-fed agriculture. In Bangladesh, agriculture is the dominant sector contributing around 13% of the Gross Domestic Product (GDP) and 70% of total employment and livelihoods. Crop production is dominated by small scale subsistence farmers who practice more traditional farming. The most vulnerable households are those with assets and livelihoods exposed and sensitive to climatic risks, and who have weak risk management capacity (Heltberg et al., 2009).

Assessment and mapping of the vulnerability to climate change is the base for the development of site specific adaptation options that reduce the risks associated with climate change. Several researchers have noted that vulnerability mapping including exposure, sensitivity, and adaptive capacity, has become a central tool for communicating with policy makers and local stakeholders as well as visualising climate change impacts on the landscape to more effectively support risk management and spatial planning (Eakin and Luers, 2006; Preston et al., 2011). Vulnerability assessment describes a diverse set of methods used to systematically integrate and examine interactions between humans and their physical and social surroundings. The level of vulnerability of different areas to climate change is determined by both socioeconomic and environmental factors. The socioeconomic factors include the level of technological development, infrastructure and institutional linkage (Kelly and Adger 2000; McCarthy et al., 2001); while the environmental attributes are climatic conditions, quality of soil, and availability of water for irrigation (O'Brien et al., 2004). The variations of these socioeconomic and environmental factors across different social groups are responsible for the differences in their levels of vulnerability and coping capacities to climate change. Bangladesh is almost homogeneous in elevation, climate, agricultural production, cultural practices and other socio-economic factors. The degrees therefore of vulnerabilities of different localities and farming systems are not varied accordingly.

Disaster vulnerability lies under the circumstances affecting the social and economic structures of the society (Morrow 1999; de Chazal et al. 2008). Natural and climate-induced disasters are considered as the coincidences between hazardous events (such as cyclones, floods, droughts, and sea-level rise), elements at risk (such as environmental, financial, and political systems),

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and conditions of vulnerability of any system (Maskrey 1989; Birkmann 2011). The susceptibility to the risk of any disaster invariably becomes higher when one or more natural hazards occur in a vulnerable region (Wisner & Luce 1993). The theoretical conceptualization of vulnerability assessments to identify disaster risk zones have often been used as the basis for pre-impact studies and mitigation planning strategies (Brooks et al. 2005; Cutter et al. 2008). Various sectors, such as agriculture, forests, water resources and coastal regions have been projected to have several catastrophic impacts due to natural and climate-induced disasters. The severity of these impacts are further exacerbated by the current vulnerability of any region from single stressors (hazards) to multiple stressors (global change) (Helmer & Hilhorst 2006, Van Aalst 2006). The distribution of these incidences, however, varies with the geography encompassed throughout the entire globe (Cutter et al. 2008). In addition to this, multi-dimensional assessments of such impacts also vary across at different levels and scales of assessments (O'Brien et al. 2004). Therefore, understanding the cumulative impacts at the sub-district and district level to natural and climate-induced disasters is essential to decipher the complex processes that address human rights and humanitarian development. The prior knowledge of vulnerability of the system and ways to increase its adaptive capacity would help in reducing the adverse risks due to disasters. In resource-constrained countries, disaster vulnerability assessments will help in identifying and enhancing the actions required for adaptation and mitigation strategies for the most vulnerable communities.

The long-term developmental processes in Bangladesh would be greatly influenced by the frequency and magnitude of the occurrence of natural and climate-induced disasters. With a wide variety of physical and climatic features, the vast diversity in Bangladesh leads to different disaster-prone scenarios in the country. One of the major reasons for such a conclusion is the inadequate database and community or sector-specific adaptation and mitigation strategies (Guha-Sapir D, et al. 2013). The identification and characterization of the vulnerable communities and sectors are essential for targeting and planning any policy intervention.

The Principal Component Analysis (PCA) has been widely used to solve a broad range of multi-criteria decision-making problems, with the comparison matrix calculating the weights for each criterion considered. The flexibility of using PCA over multi-criteria methods brings intuitive appeal to decide solutions for integrated processes, with the enhanced ability to check inconsistencies of each criterion considered to study environmental impacts (Ramanathan 2001). The uniqueness of applying PCA in different studies helps in modelling situations of uncertainty without losing subjectivity and objectivity of any evaluation measure. Such procedure-oriented methodology can easily incorporate tangible and non-tangible factors in making major policy decisions.

With the aim of examining disasters under the concept of vulnerability, this study is an attempt to map the upazilas in Bangladesh that are vulnerable to natural and climate-induced disasters. Using PCA as a multi-criteria decision-mapping method, vulnerability measured in terms of exposure, sensitivity, and adaptive capacity was assessed for entire country at the upazila level. The results of this study was to determine the degree of climate risk and the relative

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vulnerability of the farming areas of Bangladesh to climate change by developing upazila level vulnerability maps that identify the most vulnerable hotspots.

1.2 Vulnerability

The ordinary use of the word 'vulnerability' refers to the capacity to be wounded, i.e., the degree to which a system is likely to experience harm due to exposure to a hazard. A sample of definitions on vulnerability is summarized below focusing different issues:

Gabor and Griffith (1979) referred vulnerability as a threat to which a community is exposed, taking in to account not only the properties of the chemical agents involved but, also the ecological situation of the community and the general state of emergency preparedness, at any point in time.

Timmerman (1981) came up with his new definition incorporating coping capability. He defined vulnerability as the degree to which a system acts adversely to the occurrence of a hazardous event. The degree and quality of the adverse reaction are conditioned by a system's resilience (a measure of the system's capacity to absorb and recover from the event).

Cutter (1996) defined vulnerability as the likelihood that an individual or group will be exposed to and adversely affected by a hazard. It is the interaction of the hazards of the place (risk and mitigation) with the social profile of the communities.

George E Clark (1998) defined vulnerability as a function of two attributes: 1) exposure (the risk of experiencing a hazardous event); and 2) coping ability, subdivided into resistance (the ability to absorb impacts and continue functioning), and resilience (the ability to recover from losses after an impact).

The IPCC definition of vulnerability (2001): Vulnerability is "the degree, to which a system is susceptible to, or unable to cope with, adverse effects of climate change, including climate variability and extremes". There are three components of vulnerability. As per the IPCC definition, vulnerability to climate change is a function of:

Exposure refers to the exposure of a system of interest to stimuli that act on that system. This can be readily conceptualized as climate variability and/or the various changes in the climate system that are often of concern to stakeholders: temperature increases, rainfall variability and change (including extremes), or changes in the frequency or intensity of tropical cyclones.

Sensitivity refers to the responsiveness of a system to climate hazards. This is often represented conceptually as a dose-response model – the more sensitive a system, the larger the rate or magnitude of an adverse response to a given hazard. Sensitivity may vary considerably from one system, sector or population to another. e.g., how much land could be inundated by sea level rise, how much crop yields might change?

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Adaptive capacity refers to the ability of a system to change in a way that makes it better equipped to manage its exposure and/or sensitivity to climatic influences. Vulnerability is a function of the degree of the system's Exposure to climate hazards; it's Sensitivity to such hazards; and its Adaptive Capacity (IPCC, 2001). Sensitivity and Exposure may be taken together to yield Potential Impact (Allison et al., 2009).

1.3 Vulnerability Assessment

Vulnerability assessment is significant for current and future planning exercises. It is a way of establishing who is vulnerable, where they are and what the strategies to combat vulnerability are. It helps decision-makers in government, donor agencies and nongovernmental organization to work for vulnerabilities of people. Proper risk management, preparedness and critical decision making are all essential if the most vulnerable people are to be given the assistance they need. A vulnerability assessment is the process of identifying, quantifying, and prioritizing (or ranking) the vulnerabilities in a system. Assessment of vulnerability to climate variability and change broadly helps in understanding current vulnerability, identifying the factors that render some districts more vulnerable than others, inform and facilitate the decision-making process and selection of adaptation strategies and practices.

1.4 Vulnerability and Climate Change

Climate change impacts result from the interaction between climate and non-climate drivers and have significant regional variations (Nicholls et. al., 2008). So, land and coastal vulnerability analysis should adopt an integrated approach which considers natural climate variability and climate-induced disasters. There are many uncertainties regarding the future climate projections and impacts of climate change, yet, several studies have been conducted to determine the climate change vulnerability in broader scale. But, none of them addressed the upazila level vulnerability in both natural system and socio-economic context. Most of the reports and studies on climate change vulnerability have addressed the different natural hazards and their impacts on the whole country or on the coastal districts in qualitative and quantitative approach (Ali, 1999; Karim and Mimura, 2008). Some of them focused on the longer-term challenge of building future resilience and sustainability in the communities by addressing the causes of vulnerability (Pomeroy et al., 2006). This study has been performed to address the vulnerability of the upazilas in Bangladesh against the common natural hazards and climate-induced disasters to finally select the most vulnerable upazilas/zones for performing the development activities.

1.5 Objectives of the study

The objectives of the study are as follows:

(i) The objective of Vulnerability Assessment & Climate Risk Mapping of 487 upazilas of Bangladesh is to show which upazila is more vulnerable or less vulnerable for

agricultural production, how these are already affected or likely to be affected in future in different aspects on agricultural activities in Bangladesh.

(ii) To reduce the loss of agricultural product and enhance production in relation to climate information. This assessment and risk mapping is very important for these upazilas and for the farmers and farming community to take necessary steps to develop agricultural products and reduce loss of agricultural products from extreme weather/climate events in future in Bangladesh.

1.6 Scope of works

- An in-depth analysis will be carried out to identify the vulnerability of the 487 upazilas in Bangladesh against the natural system and climate-induced disasters.
- To make vulnerability index map for 487 upazilas based on the indicators related to sensitivity, adaptive capacity and exposure based on the recent census data.
- To make vulnerability index map for 487 upazilas based on the seasonal drought event using observed gridded data (1981-2015) (APHRODITE).
- To make vulnerability index map for 487 upazilas based on the seasonal drought event to the projected changes in climate for 2030, 2050, 2070 and 2090 respectively, relative to the baseline 1971-2000 using high resolution GCM scenario.
- Climate change vulnerability map will be made for 487 upazilas based on monthly, seasonal projected change in rainfall and temperature (max. & min.) using historical model data (1971-2000) from GCM as base period and for 2030, 2050, 2070 and 2090 respectively as future projection.
- To make vulnerability map for 487 upazilas based on measured in terms of millimeters of rain per rainy day, it represents in terms of change for 2030, 2050, 2070 and 2090 respectively, relative to baseline 1971-2000 using GCM scenario.
- To make vulnerability map for 64 districts by using NDVI, TCI, VCI through NOAA/Landsat satellite data/information.
- As rainfed agriculture in Bangladesh depends on the effective soil moisture storage, vulnerability map to be developed based on P/PE ratio (P= Precipitation, PE=Potential Evapotranspiration) measurement under observed and futuristic projections.

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CHAPTER 2

METHODOLOGY AND DATA COLLECTION

2.1 Methodology

The methodology describes how the concepts of exposure, sensitivity, adaptive capacity, and vulnerability were translated into numerical indices; what variables were used; how variables were aggregated into sub-indices and sub-indices into a composite vulnerability index. This study has been carried out through determination of vulnerability index of 487 upazilas in Bangladesh in terms of both natural system and climate-induced disasters. This vulnerability index has been calculated for both the present situation that is the base scenario and also for the future scenario under changed climate. Then, for both natural system and climate-induced disasters indicators, Vulnerability Index (VI) has been obtained from certain formula for both present and future scenarios. For present situation, climate-induced disasters analysis and natural system vulnerability for 487 upazilas are determined by 11 (eleven) climate-induced disasters indicators. After identification of the indicators, period of assessment, data collection, cleaning and quality checking were done. Steps were followed to assess the vulnerability of the upazilas are:

- Classification of indicator data into 3 categories - adaptive capacity, sensitivity and exposure. Normalization of all the indicator data
- Determination of unbiased weights using Principal Component Analysis (PCA) to calculate the weights of the indicators. Components with Eigen Value greater than 1 have been used to calculate the weights.
- Calculation of Vulnerability Index (VI) has been done.
- Ranking of upazillas based on the calculated index values. For example, rank 1: least vulnerable (Highest index values), Rank 487: most vulnerable (Lowest index values).
- Classification of data or indicators into vulnerability range from 1 to 5 as 1 (No/Very Low), as 2 (Low), 3 (Moderate), 4 (High) and 5 (Very High) respectively
- At last, grouping of the vulnerability index into three categories of cluster - (1) Low, (2) Moderate and (3) High vulnerability.

All the steps of assessing vulnerability index for both natural system indicators and climate-induced disasters indicators, and also for the composite system, are shown in Fig. 2.1 as Flow Chart.

The main natural system indicators were chosen from literature review and expert opinion and also from the regular natural hazards occurring in the upazila areas. Exposure Indicators are: (1) Storm surge inundation (m) (2) Inundation due to riverine flood (3) 1-day maximum rainfall (mm) (4) Salinity intrusion due to SLR (%) (5) Drought (6) Cold wave (7) Heat wave (8) Hail storm (9) Flash Flood (10) River flood.

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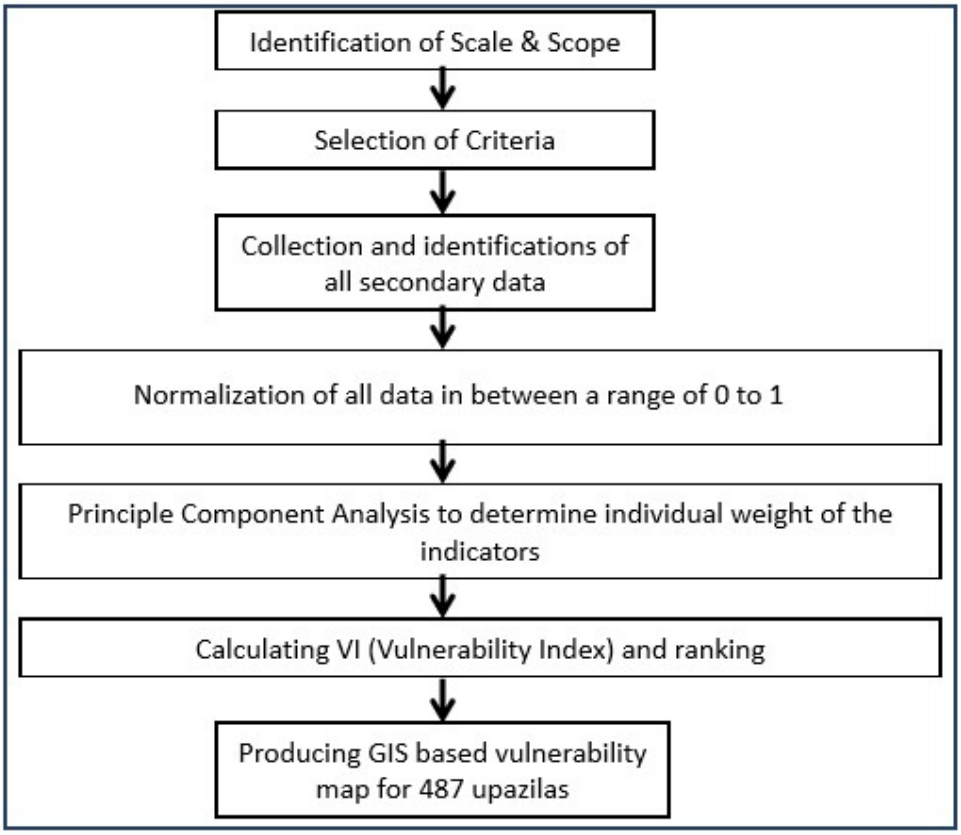


Fig. 2.1: Steps of determining Vulnerability Index

2.2 Computation of Vulnerability Index

The approach of the study requires explicit selection of the indicator variables depicting the best available proxies of disastrous events. The indicators selected for each of these elements are essential variables for any kind of comprehensive vulnerability assessment. The composite vulnerability index approach was used to map the upazilas/districts in Bangladesh vulnerable to natural and climate-induced disasters. Vulnerability indices were calculated using data for each upazila in Bangladesh. By aggregating the relative indices of exposure, sensitivity, and adaptive capacity, the cumulative composite vulnerability index has been calculated to categorize the highest and lowest vulnerable regions in Bangladesh at the upazila level.

Using the indicators described in above, the disaster vulnerability in Bangladesh was assessed. Apart from the indicators selected for exposure, the spatial database was created for sensitivity and adaptive capacity for each upazila/district. Since each indicator was measured on different scales, dimension indices for each of the indicators for a upazila were calculated by normalizing the data using the following equation:

$$\text{Index} = \frac{X_a - X_{min}}{X_{max} - X_{min}}$$

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where Index is the normalized value of an indicator, X_a is the actual value of the same indicator, and X_{min} and X_{max} are the minimum and maximum values, respectively, of the same indicator.

Three indices for sensitivity, exposure and adaptive capacity were constructed by obtaining a weighted mean of the indicators identified. These three indices were averaged (with differential weights) to obtain the vulnerability index, higher values of which indicate higher vulnerability and lower values lower vulnerability. It is to be noted that this index is not an absolute measure of damage or risk due to climate variability and it is only a relative measure of risk between the upazilas. It is however helpful in targeting and prioritization of initiatives for adaptation.

2.3 Principal Component Analysis (PCA)

Principal Component Analysis (PCA) is a data exploration tool that converts a number of potentially correlated variables (with some shared attributes, such as points in space or time) into a set of uncorrelated variables that capture the variability in the underlying data. As such, PCA can be used to highlight patterns within multivariable data. PCA is a non-parametric analysis and is independent of any hypothesis about data probability distribution (Abdi & Williams, 2010). PCA uses orthogonal linear transformation to identify a vector in N-dimensional space that accounts for as much of the total variability in a set of N variables as possible the first principal component (PC) where the total variability within the data is the sum of the variances of the observed variables, when each variable has been transformed so that it has a mean of zero and a variance of one (Hatcher, 1997). A second vector (second PC), orthogonal to the first, is then sought that accounts for as much of the remaining variability as possible in the original variables. Each succeeding PC is linearly uncorrelated to the others and accounts for as much of the remaining variability as possible (Jolliffe, 2002). PCA can therefore be used as descriptive, statistical approach to data transformation as a means of overcoming variable incommensurability. The ranking of the PCs in order of their significance (based on how much of the variability in the data they capture) is denoted by the Eigen values associated with the vector for each PC. In the case of a spatially explicit analysis, each data point for each variable is related to a specific point in space and the PCs derived from a PCA can be assigned scores (synthetic variable values) for each of these points in space.

A PCA approach provides several potential advantages in the aggregation of spatially explicit, potentially incommensurable variables. When the original variables are correlated then the higher order PCs will capture more of the total variability in the data than any individual original variable. Excluding the lower order PCs reduces the dimensionality (number of variables) of the data while minimizing the loss of information (Smith, 2002). As such PCA provides an approach to move from a large suite of individual indicators to a small number of composite, units less indices (PCs), while reducing the trade-off between richness of information and is communicability. Here it should be noted that the choice of the number of dimensions (PCs) to be retained is subjective and is generally based on the interpretability of the retained components (Srivastava, 2002), the proportion of the variation in the original variables explained by the retained components and the shape of the scree and loading plots (Griffith, et, al., 2000). PCA provides flexibility in the data reduction process through the

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subjective choice of the number of PCs, and therefore indices, that are retained. As many indices as usefully express important patterns in the multivariate data can be retained. In contrast, a normalization approach to data aggregation collapses all indicators into a single index. Finally, and perhaps most importantly, each PC can be related to the original variables that the PC is most influenced by through the reported principal component loading factors. The PCA loading factors associated with each retained PC allow the original variables to be readily associated with the resulting 'indices', thus retaining important information regarding the underlying drivers of the retained indices. All PCAs were undertaken using the R statistical program. Pairwise correlation tests were applied in an attempt to reduce the initial set of metrics to a smaller subset of non-highly correlated metrics (Lausch & Herzog, 2002; Schindler, et, al., 2008). The Kaisere-Mayere-Olkin (KMO) sampling adequacy test values were >0.5 and Bartlett's sphericity tests returned p <0.05 for all PCA analyses, suggesting that the variables were suitable for PCA analysis (Hair, et, al., 2006). A correlation matrix was used for the PCA analyses as this standardizes the data and avoids potential bias resulting from the inclusion of data with different scales and data ranges.

2.4 Calculation of unbiased weights

In the development of aggregated index, problems arise when the weights of each indicator have to be selected. The indicators are assigned different weights determined by Principal Component Analysis (PCA) to avoid the uncertainty of equal weighting given the diversity of indicators used.

2.5 Standardized Precipitation Index (SPI) calculation

The SPI is an index developed by McKee et al. (1993) based on the probability of rainfall for the time scale of interest and is relatively simple to compute. The time scale reflects the impact of drought on the availability of different water resources. Soil moisture conditions respond to rainfall anomalies on a relatively short scale. Groundwater, stream flow, and reservoir storage reflect the longer-term rainfall anomalies. For the calculation of SPI for any location, long time series of rainfall for the desired period is used. This long time series of rainfall is fitted to a probability distribution, which is then transformed into a standardized normal distribution so that the mean SPI for the location and desired period is zero. Positive SPI values indicate greater than median rainfall and negative values indicate less than median rainfall. The classification of the drought intensities based on the SPI value is as follows; moderately dry/moderate drought for SPI from -1.0 to -1.49, severely dry/severe drought for SPI from -1.5 to -1.99 and extremely dry/extreme drought for SPI of -2.0 and less.

In this study, for the seasonal rainfall series was fitted to the gamma distribution. The gamma probability distribution function (pdf) is given as

$$f(x) = \frac{1}{b^a \Gamma(a)} x^{a-1} e^{-x/b}$$

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for x > 0, where a > 0 &b > 0 are the shape and scale parameters, respectively, x > 0 is the rainfall and $\Gamma(a)$is the gamma function.

The aim of fitting the distribution to the data is to estimate the parameters a & b. Integrating pdf with respect to x and inserting the estimated values of a & b, the gamma cumulative distribution function (CDF) is computed at each value of x. The CDF is then transformed into the standard normal distribution to yield SPI.

2.6 NOAA satellite data procedure

2.6.1 Normalized Difference Vegetation Index (NDVI)

Normalized Difference Vegetation Index (NDVI) is widely used in drought studies. It is generally used as an index of vegetation health and density.

$$\text{NDVI} = \frac{\lambda nir - \lambda red}{\lambda nir + \lambda red}$$

Where λnir and λred are the reflectance in the near infrared and red bands, respectively. It reflects vegetation intensity, Leaf Area Index (LAI) and biomass. It varies in a range between -1 and +1. NDVI itself does not reflect drought or non-drought conditions. But the severity of a drought may be defined as NDVI deviation from its long-term NDVI means (DEV_{NDVI}). This deviation is calculated as the difference between the NDVI for the current time step (e.g. January 2001) and a long-term mean NDVI for that month (e.g. a 10-year long mean NDVI of all Januaries from 2000 to 2009 for each pixel.

$$DEV_{NDVI} = NDVIi - NDVImean \quad \text{..... (1)}$$

Where, NDVIi is the NDVI value for month i and NDVImean is the long-term NDVI for the same month. When DEV_{NDVI} is negative, it indicates the below-normal vegetation condition/health and, therefore, suggests a prevailing drought situation. The greater the negative departure from long-term means NDVI, the greater the magnitude of a drought. In addition, the departure from the long-term mean NDVI also reflects the conditions of health of vegetation in normal and wet months/years.

2.6.2 Vegetation Condition Index (VCI)

VCI shows how close the NDVI of the current month is to the minimum NDVI calculated from the long-term record.

$$VCI = \left(\frac{NDVIi - NDVImi}{NDVImax - NDVImi}\right)*100 \quad \text{..... (2)}$$

Where, $NDVI_{max}$ and $NDVI_{min}$ are calculated from the long-term record (e.g. 10 years) for that month and j is the index of the current month of week. The 50% VCI indicate fair vegetation conditions and the VCI values between 50 and 100% indicate optimal or above normal conditions. Kogan (1995) illustrated that the VCI threshold of 35% may be used to identify

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extreme drought conditions. The VCI value close to zero percent reflects an extremely dry month, when the NDVI value is close to its long-term minimum. Low VCI values over several consecutive time intervals point to drought development.

2.6.3 Temperature Condition Index (TCI)

TCI is based on the thermal band of AVHRR converted to brightness temperature (BT). TCI is used to determine temperature-related vegetation stress and also stress caused by excessive wetness. The TCI algorithm is similar to the VCI algorithm, and is given as

$$\text{TCI} = \left(\frac{BTmax - BT}{BTmax - BTmin}\right) * 100 \quad \text{..... (3)}$$

Where BT, BTmax and BTmin are the smoothed monthly brightness temperature, multi-year maximum and multi-year minimum, respectively, for each grid cell. The conditions are estimated relative to the maximum and minimum temperature envelopes. The above formula reflects different response of vegetation, to temperature. High temperatures in the middle of the growing season indicate unfavorable conditions for drought, whilst low temperatures indicate mostly favorable conditions.

Procedures

NOAA satellite NDVI and Brightness Temperature (BT) data of Bangladesh for 2006-2018 were downloaded from STAR global vegetation health products. The dataset contains weekly NDVI and BT data, 52 images per year. The whole dataset contains 1352 images (676 NDVI, 676 BT).

Data for all upazilas were extracted from these images using upazila shapefile of Bangladesh. For each upazila, minimum, maximum and mean NDVI and BT data were extracted. The dataset was aggregated to estimate monthly, seasonal and annual values. Mean NDVI was calculated using 12 years (2007-2018) mean NDVI data from each upazila. Then using eq. (2), NDVI deviation was calculated for every year from 2007 to 2018. Monthly, seasonal and annual maps were prepared to show the drought risk upazilas.

Using maximum and minimum NDVI data for upazilas, VCI values were estimated for each upazila for every year from 2007 to 2018, using eq. (3). These VCI values were then classified based on the condition of table 1. Monthly, seasonal and annual maps were prepared to show the drought risk upazilas using these classified VCI values.

Using maximum and minimum BT data for upazilas, TCI values were estimated for each upazila for every year from 2007 to 2018, using eq. (4). These TCI values were then classified based on the condition of table 1. Monthly, seasonal and annual maps were prepared to show the drought risk upazilas using these classified TCI values.

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Table 2.1. Drought severity classes for TCI and VCI

Severity Class	Values
Extreme Drought	<10
Severe Drought	<20
Moderate Drought	<30
Mild Drought	<40
No Drought	>40

2.7 Data Collection

2.7.1 APHRODITE data

APHRODITE's (Asian Precipitation-Highly-Resolved Observational Data Integration Towards Evaluation) daily gridded (0.25 by 0.25) precipitation data has been collected from their web site. After collection this data then extracted rainfall data as per latitude and longitude of upazila level.

2.7.2 Primary and secondary data for risk map

Primary and secondary data for risk map has been collected from different sources like, BMD, BBS, CEGIS, IWM, BWDB and BCAS and others sources.

2.7.3 Model data

The National Aeronautics and Space Administration (NASA) Earth Exchange (NEX) High Resolution (25X25 km) Global Daily Downscaled Projections (NEX-GDDP) of six (6) models (namely: CanESM2, GFDL-ESM2M, IPSL-CM5A-MR, MIROC-ESM., MPI-ESM-MR and NorESM1) datasets have been collected from their web site and model data was extracted as per upazilas latitude and longitude from the models in Bangladesh. Extracted upazila level model data were compared with the observational data of BMD for rainfall and temperature. It has been seen that NorESM1 model gives better result than the other models for rainfall and temperature over Bangladesh.

The National Aeronautics and Space Administration (NASA) Earth Exchange Global Daily Downscaled Projections (NEX-GDDP) dataset is comprised of downscaled climate scenarios for the globe that are derived from the General Circulation Model (GCM) runs conducted under the Coupled Model Intercomparison Project Phase 5 (CMIP5) and across two RCPs (RCP 4.5 and RCP 8.5), of the four greenhouse gas emissions scenarios known as Representative Concentration Pathways (RCPs). The CMIP5 GCM runs have been developed in support of the Fifth Assessment Report of the Intergovernmental Panel on Climate Change (IPCC AR5). The purpose of these datasets is to provide a set of global daily, high resolution, bias-corrected climate change projections that can be used to evaluate climate change impacts on processes

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that are sensitive to finer-scale climate gradients and the effects of local topography on climate conditions.

2.7.4 Satellite data

NOAA satellite (Landsat**)** NDVI, TCI and VCI data were used to downscale vulnerability analysis to upazilas/districts level so that it can help in implementing mitigation and adaptation strategies at the administrative-level. Thus, well thought-out strategic planning and coordinated implementation is made to tackle impacts of climatic variability on Bangladesh agriculture.

2.7.5 Gridded Potential Evapotranspiration (PET) model data

Gridded rainfall and Potential Evapotranspiration (PET) data is collected from CORDEX web site (NorSEM1 model data). This is high resolution (50km x50 km) climate data. After collection this data then extracted rainfall and Evapotranspiration data as per latitude and longitude of upazila level in Bangladesh.

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CHAPTER 3

NATURAL AND CLIMTE-INDUCED VULNERABILITY INDICATOR MAPS

3.1 Vulnerability Maps

From the calculation of vulnerability index using Principal Component Analysis (PCs) several risk maps have been generated showing vulnerability ranges. For 9 (nine) natural vulnerabilities like cyclone, flash flood inundation, cold wave, heat wave, salinity intrusion, storm surge inundation, riverine flood inundation, hail storm, 1-day maximum rainfall (mm). Risk maps were prepared for all upazilas considering the present scenario and are presented with legends in Fig. 3.1 to Fig. 3.6, respectively. Vulnerabilities are grouped into five categories of ranking from 1 to 5, namely as No/Very Low Risk, Low Risk, Moderate Risk, High Risk and Very High Risk, respectively as presented in Table 3.1.

3.1.1 Cyclone vulnerability map

The coastal regions of Bangladesh are subject to damaging cyclones almost every year. They generally occur in early summer (April-May) or late rainy season (October-November). Cyclones originate from low atmospheric pressures over the Bay of Bengal. Fig. 3.1 (upper) shows that the Chittagong-Feni coast (namely upazilas are Rangunia, Sitakunda, Mirshwarai, Patiya, Sandwip, Banshkhali, Boalkhali, Anowara, Chandanaish, Satkania, Lohagara, Hathazari, Fatikchari, Raozan and Hatiya) is the very high vulnerable area for the landfall of cyclones and high vulnerable area is found to Barguna-Patuakhali- Noakhali-Bhola coast, it is located southern part of Bangladesh. The Barishal and Lakshmipur is the moderate vulnerable coast. The Satkhira-Khulna/Sundarban and Cox's Bazar coasts are relatively less vulnerable in comparison to the above mentioned coasts.

3.1.2 Flash flood vulnerability map

Haor region is found very high to high risk area (namely upazilas: Sunamganj Sadar, Southsunamganj, Bishwambarpur, Chhatak, Jagannathpur, Dowarabazar, Tahirpur, Dharmapasa, Jamalganj, Sullah, Derai, Durgapur, Kalmakanda, Barahatta, Mohanganj, Khaliajuri, Karimgonj, Itna, Kuliarchar, Bajitpur, Austagram, Mithamoin, Nikli, Nabigonj, Bahubal, Chanarughat, Brahmanbaria Sadar, Kasba, Nasirnagar, Sarial, Ashuganj, Akhaura) for flash flood and only high risk area is noticed in the upazilas of Madaripur, Shariatpur, Rajbari, Faridpur, Manikganj, Jamalpur and Gaibandha zilas. The rest of the zilas are comparatively less vulnerable to the above mentioned zilas as shown in Fig 3.1 (lower).

3.1.3 Cold wave vulnerability map

Fig. 3.2 (upper) shows in the upazilas under Rajshahi, Chapai Nababganj, Naogaon, Joypurhat, Dinajpur, Thakurgaon, Panchagarh and Moulvibazar zilas are the very high vulnerable area for cold wave and high vulnerable area is observed over the upazilas of Chuadanga, Meherpur,

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Kushtia, Natore, Bogura, Guaibandha, Rangpur, Kurigram, Nilphamri, Lalmonirhat zilas and in some upazilas of Sylhet zilas as presented in Fig.3.2. The rest of the locations (upazilas/zilas) is found to be low to moderate vulnerable area in Bangladesh.

3.1.4 Heat wave vulnerability map

Very high to high heat wave vulnerable area is observed over western part upazilas (namely Pangsha, Satkhira Sadar, Keshabpur, Manirampur, Kalaroa, Shalikha, Sreepur, Sharsha, Magura Sadar, Jessore Sadar, Bagherpara, Chaugachha, Jhikargachha, Kumarkhali, Shailkupa, Bheramara, Daulatpur, Kushtia Sadar, Khoksa, Maheshpur, Chuadanga Sadar, Damurhuda, Gangni, Mujibnagar, Meherpur Sadar, Alamdanga, Jibannagar, Harinakunda, Kotchandpur, Mirpur, Jhenaidaha Sadar, Kaliganj, Naogaon Sadar, Faridpur, Atrai, Bhangura, Singra, Sapahar, Raninagar, Tarash, Ullahpara, Rajshahi sadar, Paba, Sujanagar, Baghmara, Godagari, Mohanpur, Tanore, Patnitala, Porsha, Manda, Nachole, Chapai Sadar, Gomastapur, Adamdighi, Dhupchanchia, Nandigram, Sherpur, Akkelpur, Royganj, Mahadebpur, Bagha, Charghat, Atgharia, Pabna Sadar, Santhia, Niamatpur, Bholahat, Durgapur, Lalpur, Ishwardi, Chatmohar, Gurudaspur, Natore Sadar, Shibganj, Badalgachhi, Bagatipara, Baraigram, Puthia) and rest upazilas (parts) is found to be low to moderate heat wave vulnerable area in Bangladesh and no heat wave vulnerable area is noticed over the upazilas of southern part costal area as shown in Fig. 3.2 (lower).

3.1.5 Salinity intrusion vulnerability map

Figure 3.3 (upper) shows the present scenario of vulnerable map from salinity intrusion and under very high category is observed in most of the upazilas of Patuakhali, Satkhira, Jhalokati, Cox's Bazar regions, under high category had shown in the upazilas of Pirojpur, Bagerhat, Khulna, Bhola, Barguna and Noakhali regions (namely upazilas are Amtali, Barguna Sadar, Mirzaganj, Kawkhali, Bamna, Babuganj, Charfasson, Lalmohan, Betagi, Kanthalia, Rajapur, Bhandaria, Mathbaria, Zianagar, Banaripara, Jhalokati Sadar, Nalchhiti, Pirojpur Sadar, Swarupkati, Teknaf, Cox's Bazar Sadar, Komolnagar, Lakshmipur Sadar, Ukhia, Shyamnagar, Morrelganj, Kaliganj, Shyamnagar, Sarankhola and Sarankhola) under moderate category is found to be in some upazilas of Khulna, Gopalganj, Barishal, Madaripur, Shariatpur,Chandpur, Lakshimpur,and Noakhali and others upazilas are seen as low category.

3.1.6 Strom surge vulnerability map

Fig. 3.3 (lower) shows the present scenario of vulnerable map from storm surge inundation and under very high category upazilas are observed over mid-southern and southeastern part (under Patuakhali, Bhola, Noakhali, Chittagong zilas) and under high category is noticed over the upazilas of Satkhira, Khulna, Bagerhat, Chandpur, Lakshimipur, Barishal, Bhola, Narsingdi, Cox's Bazar, Shariatpur, zilas and in rest of the costal upazilas are found as low to moderate vulnerable due to storm surge in Bangladesh.

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3.1.7 Riverine flood vulnerability map

Riverine floods occur when the amount of runoff originating in a watershed (the area that collects and directs the surface runoff into the rivers, streams and lakes that drain it) exceeds the carrying capacity of natural and constructed drainage system. Flooding can occur due to river overflow or surface runoff. When banks are overtopped, water spreads over the floodplain and generally causes problems for inhabitants, crops and vegetation. As per vulnerability map we have seen Brahmaputra river comes from north-western side in Bangladesh. This river area is inundated almost every year. In Bangladesh side, Brahmaputra river name has become Jumna river. Ganges side upazilas are: Belkuchi, Chauhali, Kamarkhand, Kazipur, Raigonj, Shahjadpur, Sirajganj Sadar, Tarash, Ullapara, Sujananar, Ishurdi, Bhungura, Pabna Sadar, Bera, Atghoria, Chatmohar, Sathia, Faridpur, Paba, Durgapur, Mohonpur, Charghat, Puthia, Bagha, Godagari, Tanore, Bagmara, Natore Sadar, Singra, Baraigram, Bagatipara, Lalpur, Gurudashpur, Naldanga, Chapainawabganj Sadar, Gomostapur, Nachole, Bholahat, Shibganj and Meghna river side upazilas are: Lalmonirhat Sadar, Kaliganj, Hatibanda, Patgram, Aditmari, Kurigram Sadar, Nageshari, Bhurungamari, Phulbari, Rajarhat, Ulipur, Chilmari, Rowmari, Charrajibpur, Sadullapur, Gaibandha Sadar, Palashbari, Saghata, Gobindagonj, Sundarganj, Phulchari, Baksiganj, Dewanganj, Islampur, Jamalpur Sadar, Maderganj, Melandah, Sarishabari. These upazilas are found inundation area due to river flood as shown in Fig. 3.4 (upper).

3.1.8 Hail storm vulnerability map

Very high risk area is observed over the upazilas of Sylhet regions due to hail among the others area, which is normalized index 1.0. High risk area is found to be in most of the upazilas of Rangpur, Bogura, Rajshahi divisions, Tangail, Hatiya, Chittagong, Rangmati as well as Coxsbazar areas, which normalized index is 0.7. Moderate risk area is noticed in the upazilas of Dhaka, Madaripur, Khulna, satkhira, Noakhali, Cumilla and Chandpur areas which is normalized index is 0.4 as shown in Fig. 3.4 (lower) and in rest of the areas have shown almost no risk.

3.1.9 One-day maximum rainfall (mm) vulnerability map

Observer rainfall (BMD)

Very high risk area for 1-day maximum rainfall is observed in some upazilas of Chittagong Bhola regions in southeastern parts (namely: Noakhali Sadar, Companiganj, Begumganj, Subornochar, Kabirhat, Senbug, Chatkhil, Sonaimori, Sandip and Bhola Sadar) and high risk area is found to be in the upazilas of Mymensingh, Chittagong, M. court, Srimongal and Dinajpur regions and others area upazilas showed as low to moderate risk areas as shown in Fig. 3.5 (upper).

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Aphrodite gridded rainfall

Fig. 3.5 (lower) shows very high to high risk areas in the upazilas of Sylhet, Sunmaganj areas (upazilas name is Tahirpur, Bishwambarpur, Dowarabazar, Sunamganj sadar, Companigonj, Gowainghat, Gaintapur, Zakiganj, Sylhet sadar) as well as Cox's Bazar regions (upazilas name: Maheshkhali, Pekua, Ramu, Teknaf and Ukhia) for one-day maximum rainfall during the period 1981-2015. Low to moderate risk areas is noticed over the upazilas of southern and northeastern parts and in rest of the upazilas (western part) is found to be as low risk area.

CRU gridded rainfall

Very high risk areas had seen over the upazilas of Noakhali and Bhola areas (upazilas name: Noakhali Sadar, Companiganj, Begumganj, Hatiya, Subornochar, Kabirhat, Senbug, Chatkhil, Sonaimori. Bhola Sadar, Borhanuddin, Charfession, Doulatkhan, Monpura, Tazumuddin, Lalmohan) as well as Sunamganj and Sylhet, Sunmaganj areas (upazilas are Tahirpur, Bishwambarpur, Dowarabazar, Sunamganj sadar, Companigonj, Gowainghat, Gaintapur, Zakiganj, Sylhet sadar) for one-day maximum rainfall. No rainfall risk areas are observed over western part upazilas during the period 1981-2015 as shown in Fig. 3.6 (lower). Southeastern to central part upazilas is found to be as low to moderate risk area for the same period. It was similar to that using the Aphrodite gridded rainfall.

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CHAPTER 4

VULNERABILITY INDEX MAP FOR 487 UPAZILAS BASED ON SEASONAL DROUGHT

4.1 Vulnerability index map based on seasonal drought analysis using observed gridded Aphrodite Rainfall

4.1.1 Vulnerability index map on seasonal drought for pre-monsoon season

Drought rainfall year-2014:

It has been selected three rainfall years of gridded Aphrodite data such as drought, normal and excess rainfall year to see the vulnerability index based on seasonal drought using standardized precipitation Index (SPI) from 1981-2015. Very recent drought rainfall year-2014 has been taken for pre-monsoon season, it is observed that in a majority upazilas prevailed moderate to severe dry conditions over Bangladesh except in some upazilas in southwestern and western parts as well as in some isolated upazilas, where it showed mild dry conditions for the year 2014. Extremely dry conditions prevailed in some pocket upazilas in southeastern and northern part in Bangladesh as presented in Fig. 4.1.

Normal rainfall year-2011

To see the vulnerability index based on seasonal drought using SPI. In this context, normal rainfall year-2011 has been taken for pre-monsoon season, it is noticed that most of the upazilas of Bangladesh prevail mild dry conditions except in some upazilas in southern and northeastern part, where it is observed moderate to severe dry conditions for the year 2011 and mild wet conditions prevailed over southeastern and some upazilas in northern part and some isolated upazilas of Bangladesh for normal rainfall year as shown in Fig. 4.1.

Excess rainfall year-2013

To find out vulnerability index based on seasonal drought using SPI, in this respect, excess rainfall year-2013 has been taken for pre-monsoon season, it is observed that over the upazilas of northwestern parts prevail mild to moderate dry conditions and central to southern part upazilas had seen mild to moderate wet conditions and severe wet conditions prevailed over southern parts (Barishal and Cox's Bazar region) upazilas of Bangladesh for excess rainfall year in 2013 as presented in Fig. 4.2.

4.1.2 Vulnerability index map on seasonal drought for monsoon season

Drought rainfall year-2010

It has been selected three rainfall years of gridded Aphrodite data such as drought, normal and excess rainfall year to see the vulnerability index based on seasonal drought using standardized

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precipitation Index (SPI) from 1981-2015. Drought rainfall year-2010 has been chosen for monsoon season from the above year, it is found that in a majority upazilas prevailed severe to extremely dry conditions over southern and western part of Bangladesh except in some upazilas in northwestern and some isolated upazilas in eastern part, where it is noticed mild wet conditions for the year 2010. Extreme wet conditions had showed in some upazilas of Sylhet regions. Mild dry conditions prevailed in some pocket upazilas of northern part of Bangladesh as presented in Fig. 4.2.

Normal rainfall year-2011

To see the vulnerability index based on seasonal drought using SPI, in this context, normal rainfall year-2011 has been selected for monsoon season from the 30-year gridded Aphrodite rainfall, it is noticed that most of the upazilas prevailed mild wet conditions except in some upazilas in southern and northern part, where it is found to be mild dry conditions for the year 2011 and moderate to severe wet conditions prevailed in some pockets upazilas in southwestern and northeastern part of Bangladesh for normal rainfall year as shown in Fig. 3.3.

Excess rainfall year-2015

To find out vulnerability index based on seasonal drought using SPI. In this respect, excess rainfall year-2015 has been selected for monsoon season, it is observed that over southern parts upazilas prevailed moderate to severe wet conditions and extreme southern part in some upazilas showed extremely wet conditions and central to northern part upazilas prevailed mild wet conditions. Mild dry conditions also prevailed in some upazilas over northwest parts of Bangladesh for excess rainfall year in 2015 as presented in Fig. 4.3.

4.1.3 Vulnerability index map on seasonal drought for post-monsoon season

Drought rainfall year-2014:

It has been selected three rainfall years of gridded Aphrodite data such as drought, normal and excess rainfall year to see the vulnerability index based on seasonal drought using standardized precipitation Index (SPI) from 1981-2015. Drought rainfall year-2014 has been chosen for post-monsoon season from the above year, it is found that in a majority upazilas prevailed moderate to severe dry conditions over northern, central and in some pockets upazilas of Bangladesh. Mild dry conditions are found to be over western parts in some isolated upazilas of Bangladesh as presented in Fig. 4.4.

Normal rainfall year-2007

To see the vulnerability index based on seasonal drought using SPI, in this context, normal rainfall year-2007 has been selected for post-monsoon season from the 30-year gridded Aphrodite rainfall, it is noticed that most of the upazilas of Bangladesh prevail mild to moderate wet conditions over central to north-western part. Severe to extreme wet conditions also

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prevailed over the upazilas of southeastern part and mild dry conditions is observed over extreme northwest part upazilas of Bangladesh for normal rainfall year-2007 as shown in Fig. 4.4.

Excess rainfall year-2013

To find out vulnerability index based on seasonal drought using SPI, in this respect, excess rainfall year-2013 has been selected for post-monsoon season, it is observed that in a majority upazilas prevailed mild to moderate wet conditions and in some upazilas in eastern part and some isolated upazilas also prevailed mild dry conditions in Bangladesh for excess rainfall year in 2013 as presented in Fig. 4.5.

4.1.4 Vulnerability index map on seasonal drought for winter season

Drought rainfall year-2009:

It has been selected three rainfall years of gridded Aphrodite data such as drought, normal and excess rainfall year to see the vulnerability index based on seasonal drought using standardized precipitation Index (SPI) from 1981-2015. Drought rainfall year-2009 has been chosen for winter season from the above year, it is found that in a majority upazilas prevailed moderate to severe dry conditions and extremely dry conditions are observed over the upazilas of northwestern part for the year 2009. Mild dry conditions are noticed over northern parts in some pockets upazilas in Bangladesh as presented in Fig. 4.5.

Normal rainfall year-2012

To see the vulnerability index based on seasonal drought using SPI, in this context, normal rainfall year-2012 has been selected for winter season from the 30-year in gridded Aphrodite rainfall, it is noticed that most of the upazilas prevailed mild dry conditions and mild wet conditions are observed over the upazilas of southwestern part. Moderate dry conditions prevailed in some upazilas over southeastern and northeastern parts of Bangladesh for normal rainfall year-2012 as shown in Fig. 4.6.

Excess rainfall year-1988

To find out vulnerability index based on seasonal drought using SPI, in this respect, excess rainfall year-1998 has been selected for winter season, it is observed that in a majority upazilas prevailed mild wet conditions and northeastern part upazilas also prevailed moderate to severe dry conditions in Bangladesh for excess rainfall year in 1988 as presented in Fig. 4.6.

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CHAPTER 5

PROJECTED CHANGE IN VULNERABILITY INDEX MAP BASED ON SEASONAL DROUGHT USING SPI UNDER RCP4.5 SCENARIO

5.1 Projected change in vulnerability index map based on seasonal drought using SPI for the year 2030.

5.1.1 Seasonal drought for Pre-monsoon season for the year 2030

Pre-monsoon season is projected change in drought frequency under RCP4.5 all upazilas in Bangladesh at different index in 2030 using NorESM model rainfall. Mild drought conditions would prevail in most of the upazilas in Bangladesh except in southwestern and northeastern part upazilas, where it may prevail moderate dry conditions in 2030 as shown in Fig. 5.1.

5.1.2 Seasonal drought for Monsoon season for the year 2030

Drought frequency in monsoon season is likely to increase under RCP4.5 over the upazilas of northern part of Bangladesh in 2030 using NorESM model rainfall. Mild to moderate drought conditions would prevail over the upazilas of northwestern part of Bangladesh. On the other hand, moderate to extremely wet conditions are expected over the upazilas of southern part and mild wet conditions may prevail over narrow part of central upazilas (along Meherpur-Rajshahi to Sylhet-Moulvibazar) in 2030 as shown in Fig. 5.1.

5.1.3 Seasonal drought for Post-monsoon season for the year 2030

In post-monsoon season, change in drought frequency based on SPI is projected to decrease over the western part upazilas in Bangladesh while the occurrence of drought based on SPI is also projected to increase over the upazilas of northwestern and southeastern part under RCP4.5 using NorESM model rainfall. Mild wet conditions are expected in almost all upazilas except in some upazilas of northwestern, southwestern and southeastern parts for the year 2030. Mild dry conditions are likely to occur in a few upazilas of northwestern and southeastern part and moderately wet conditions are expected to prevail over the upazilas of southwestern part in the same year in Bangladesh as presented in Fig. 5.2.

5.1.4 Seasonal drought for Winter season for the year 2030

Winter season in 2030, change in drought frequency based on SPI is projected to increase in a majority upazilas in Bangladesh under RCP4.5 using NorESM model rainfall. Mild dry conditions are expected to occur in most of the upazilas in Bangladesh except in a few upazilas of northwestern part and in some pockets upazilas, where it is likely to prevail moderate dry conditions. Mild wet conditions are also expected to occur in the upazilas of southwestern part of Bangladesh as presented in Fig. 5.2.

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5.2 Projected change in vulnerability index map based on seasonal drought using SPI for the year 2050

5.2.1 Seasonal drought for Pre-monsoon season for the year 2050

In pre-monsoon season, change in drought frequency based on SPI is projected to decrease over the upazilas of southwestern part of Bangladesh while the occurrence of drought based on SPI is also projected to increase in the upazilas of eastern part under RCP4.5 using NorESM model rainfall. Mild wet conditions are likely to prevail over the upazilas of southwestern part (Jashore-Khulna regions) and mild dry conditions are expected to occur in the upazilas of northwestern, northeastern and southeastern part of Bangladesh for 2050 as presented in Fig. 5.3.

5.2.2 Seasonal drought for Monsoon season for the year 2050

Drought frequency in monsoon season is likely to decrease at different index under RCP4.5 in 2050 using NorESM model rainfall. Mild to moderate wet conditions is projected to prevail over the upazilas of southern part of Bangladesh. Severe to extreme wet conditions are also projected to occur in the upazilas of central to northern part (Chapai Nawabganj, Rajshahi, Meherpur and Chuadanga zilas) in the same year as shown in Fig. 5.3.

5.2.3 Seasonal drought for Post-monsoon season for the year 2050

Post-monsoon season in 2050, change in drought frequency based on SPI is projected to decline in a majority upazilas in Bangladesh under RCP4.5 using NorESM model rainfall. Mild wet conditions are projected to occur in almost all upazilas in Bangladesh except in some upazilas of northwestern and southeastern part, where it is likely to prevail dry conditions for the year 2050 as presented in Fig. 5.4. Moderate to severe wet conditions are expected to occur in some pockets upazilas of Bogura, Natore, Sirajganj and Tangail regions in the same year.

5.2.4 Seasonal drought for Winter season for the year 2050

In winter season, Mild dry conditions are expected to occur in most of the upazilas in Bangladesh except in some upazilas of southern and northwestern parts, where it is projected to prevail mild wet conditions for the year 2050 as presented in Fig. 5.4.

5.3 Projected change in vulnerability index map based on seasonal drought using SPI for the year 2070

5.3.1 Seasonal drought for Pre-monsoon season for the year 2070

In pre-monsoon season, change in drought frequency based on SPI is projected to decrease over the upazilas of western part of Bangladesh while the occurrence of drought based on SPI is also projected to increase over the upazilas of northeastern and southern part under RCP4.5 using NorESM model rainfall. Mild wet conditions are likely to prevail over the upazilas of central to western (Rajshahi region) part and mild to moderate dry conditions are expected to occur

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over the upazilas of northeast (Sylhet regions) and southern part of Bangladesh for 2070 as presented in Fig. 5.5.

5.3.2 Seasonal drought for Monsoon season for the year 2070

In monsoon season, mild wet conditions are projected to occur in most of the upazilas in Bangladesh except in some upazilas of western part (Rajshahi regions), it is likely to occur moderate to severe wet conditions in 2070. On the other hand, mild to moderate dry conditions are expected over the upazilas of northeastern and southern parts of Bangladesh in the same year as shown in Fig. 5.5.

5.3.3 Seasonal drought for Post-monsoon season for the year 2070

Post-monsoon season in 2070, Mild wet conditions are excepted to occur in almost all upazilas of central part and mild dry conditions are likely to prevail over the upazilas of southern and northeastern parts. Moderate to extreme dry conditions are likely to occur in the upazilas of northwestern part (Naogaon-Dinajpur regions) of Bangladesh for the year 2070 as presented in Fig. 5.6.

5.3.4 Seasonal drought for Winter season for the year 2070

In winter season, mild dry conditions are expected to occur in almost all upazilas in Bangladesh except in a few upazilas of northwestern and southeastern part, where it is likely to prevail moderate dry conditions under RCP4.5 using NorESM model rainfall for the year 2070 as presented in Fig. 5.6.

5.4 Projected change in vulnerability index map based on seasonal drought using SPI for the year 2090

5.4.1 Seasonal drought for Pre-monsoon season for the year 2090

In pre-monsoon season, change in drought frequency based on SPI is projected to decrease over the upazilas of northwestern part of Bangladesh while the occurrence of drought based on SPI is also projected to increase over the upazilas of central to eastern part under RCP4.5 using NorESM model rainfall. Mild wet conditions are likely to prevail over the upazilas northwestern part and mild to moderate dry conditions are expected to occur over the upazilas of central, southwestern, southeastern and northeastern part for the year 2090 as presented in Fig. 5.7.

5.4.2 Seasonal drought for Monsoon season for the year 2090

Drought frequency in monsoon season is likely to decrease in most of the upazilas in Bangladesh using NorESM model rainfall. Severe to extreme wet conditions are projected to increase in almost all upazilas (central to southern part) for monsoon season in 2090. Mild to moderate wet conditions are likely to occur over the upazilas of northern part of Bangladesh as shown in Fig. 5.7.

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5.4.3 Seasonal drought for Post-monsoon season for the year 2090

Post-monsoon season in 2090, mild to moderate wet conditions are excepted to occur in most of the upazilas in northwestern part of Bangladesh and central to southern part upazilas, it is likely to prevail severe to extreme wet conditions for the year 2090 as presented in Fig. 5.8.

5.4.4 Seasonal drought for Winter season for the year 2090

In winter season, no occurrence of drought based on SPI is projected over Bangladesh under RCP4.5 using NorESM model rainfall in 2090. Severe to extremely wet conditions are expected to occur over the upazilas of western part for the year 2090, and mild to moderate wet conditions are likely to prevail over the upazilas of northeastern and northwestern part for the same year in Bangladesh as presented in Fig. 5.8.

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CHAPTER 6

PROJECTED RAINFALL AND TEMPERATURE CHANGE VULNERABILITY MAP FOR 487 UPAZILAS IN BANGLADESH UNDER RCP4.5 SCENARIO

6.1 Projected rainfall change vulnerability map under RCP4.5

6.1.1 Projected monthly rainfall change under RCP4.5 for the year 2030

6.1.1.1 Projected rainfall change for January for the year 2030

Rainfall for January is projected to decrease by more than -10% under RCP4.5 in a majority upazilas in Bangladesh except in some pockets upazilas of southern part (Chittagong regions), where the rainfall change is expected to between -10 to 10% compared to the baseline period under RCP4.5 for the year 2030 as shown in Fig. 6.1.

6.1.1.2 Projected rainfall change for February for the year 2030

Rainfall for February is projected to decrease by more than -10% under RCP4.5 in a majority upazilas in Bangladesh except in some pockets upazilas in the southwestern and southern part, where the rainfall changes is expected to between -10 to 10% compared to the baseline period and in the upazilas of southern part in rainfall is likely to increase by more than 10% in 2030 as presented in Fig. 6.1.

6.1.1.3 Projected rainfall change for March for the year 2030

Rainfall for the month of March is projected to decrease by more than -10% compared to the baseline period under RCP4.5 all over Bangladesh for the year 2030 as shown in Fig. 6.2.

6.1.1.4 Projected rainfall change for April for the year 2030

Rainfall during April is expected to decrease by more than -10% compared to the baseline period in almost all upazilas under RCP4.5 in Bangladesh except in some pockets upazilas of southeastern part, where the rainfall changes are projected to between -10 to +10% compared to the baseline period in Bangladesh for the year 2030 as shown in Fig. 6.2.

6.1.1.5 Projected rainfall change for May for the year 2030

Rainfall for the month of May is projected to decrease by more than -10% almost all upazilas under RCP4.5 in Bangladesh except in a few upazilas of southern part, where the rainfall change is expected to between -10 to +10 % compared to the baseline period in Bangladesh for the year 2030 as shown in Fig. 6.3.

6.1.1.6 Projected rainfall change for June for the year 2030

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Rainfall for June is likely to decrease by more than -10% under RCP4.5 in almost all upazilas in Bangladesh except in the upazilas of southern and southeastern part, where the rainfall change is expected between -10 to +10 % compared to the baseline period during 2030 as shown in Fig. 6.3.

6.1.1.7 Projected rainfall change for July for the year 2030

The month of July in rainfall is projected to decrease by more than -10% over the upazilas of northern and central (along west to north) part, change of rainfall is found to be -10 to +10% compared to the baseline period under RCP4.5 for the year 2030. Over the upazilas of southern part in rainfall where it is projected to increase by more than 10% in Bangladesh as shown in Fig. 6.4.

6.1.1.8 Projected rainfall change for August for the year 2030

The change of rainfall is expected to increase by more than 10% for the month of August in almost all upazilas in Bangladesh except in some pockets upazilas in the northwestern part, where the rainfall change is expected to between -10 to +10 % compared to the baseline period under RCP4.5 for the year 2030 as shown in Fig. 6.4.

6.1.1.9 Projected rainfall change for September for the year 2030

The change of rainfall is found to be -10 to +10% almost all upazilas in western part expect in some pockets upazilas in Bangladesh for the month of September. In the upazilas of southern and some pockets upazilas of western part, rainfall is likely to increase by more than 10% and in a few upazilas of northern part (in Mymensingh and Sylhet regions), rainfall is projected to decrease by more than -10% under RCP4.5 for the year 2030 as shown in Fig. 6.5.

6.1.1.10 Projected rainfall change for October for the year 2030

The change of rainfall is projected to increase by more than +10% almost all upazilas in Bangladesh except in the upazilas of northwestern and southeastern part. Over the upazilas of northwestern and in some pockets upazilas in rainfall is likely to decrease by more than -10% under RCP4.5. In some upazilas of northern and isolated upazilas of southeastern part, rainfall change is expected to between -10 to +10% compared to the baseline period for the month of October during 2030 as shown in Fig. 6.5.

6.1.1.11 Projected rainfall change for November for the year 2030

Rainfall for November is projected to decrease by more than -10% almost all upazilas under RCP4.5 in Bangladesh except in some upazilas of southeastern part, where the rainfall change is expected to between -10 to +10 % compared to the baseline period for 2030 as shown in Fig. 6.6.

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6.1.1.12 Projected rainfall change for December for the year 2030

Rainfall for December is projected to decrease by more than -10% almost all upazilas under RCP4.5 in Bangladesh except in some pockets upazilas of the western part, where the rainfall change is expected to between -10 to +10 % compared to the baseline period for 2030 as shown in Fig. 6.6.

6.1.2 Projected seasonal rainfall change under RCP4.5 for the year 2030

6.1.2.1 Projected rainfall change for pre-monsoon season for the year 2030

Pre-monsoon season in rainfall is likely to decrease by more than -10% all upazilas in Bangladesh compared to the baseline period under RCP4.5 for the year 2030 as presented in Fig. 6.7.

6.1.2.2 Projected rainfall change for monsoon season for the year 2030

Monsoon season in rainfall is projected to increase by more than 10% all upazilas of southern part of Bangladesh except in the upazilas of northern part, where the monsoon rainfall is expected to between -10 to +10 % compared to the baseline period and in some upazilas of extreme northwestern part, it rainfall is projected to decrease by more than -10% under RCP4.5 for the year 2030 as presented in Fig. 6.7.

6.1.2.3 Projected rainfall change for post-monsoon season for the year 2030

Rainfall in post-monsoon season is likely to increase by more than 10% over the upazilas of southern part except in a few upazilas of Bandarban regions. Northern part upazilas and in a few upazilas of Bandarban regions, the change in rainfall is expected to between -10 to +10 % compared to the baseline period under RCP4.5. Northwestern part upazilas and in some pockets upazilas of southeastern part, where the rainfall is projected to increase by more than 10% for the year 2030 as presented in Fig. 6.8.

6.1.2.4 Projected rainfall change for winter season for the year 2030

Winter season in rainfall is projected to decrease by more than -10% almost all upazilas in Bangladesh except in some pockets upazilas of western and southern part, where the rainfall change is expected to between -10 to +10% and it is likely to increase by more than 10% for the year 2030 as shown in Fig. 6.8.

6.1.3 Projected annual rainfall change under RCP4.5 for the year 2030

Annual rainfall is likely to increase by more than 10% over the upazilas of southern part of Bangladesh. In the upazilas of central part (along west to east), change in rainfall is expected to between -10 to 10% compared to the baseline period and in the upazilas of northern part,

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rainfall is projected to decrease by more than -10% under RCP4.5 for the year 2030 as shown in Fig. 6.9.

6.1.4 Projected monthly rainfall changes under RCP4.5 for the year 2050

6.1.4.1 Projected rainfall change for January for the year 2050

Rainfall for January is projected to decrease by more than -10% under RCP4.5 in a majority upazilas over the northwestern part of Bangladesh. In the upazilas of southwestern, southeastern and some upazilas of northeastern part, rainfall is likely to increase by more than 10% for the year 2050. Some pockets upazilas of northern part, where the rainfall change is expected to between -10 to 10% compared to the baseline period as shown in Fig. 6.10.

6.1.4.2 Projected rainfall change for February for the year 2050

Rainfall for February is projected to decrease by more than -10% under RCP4.5 in a majority upazilas in Bangladesh except in some pockets upazilas of northeastern and southeastern part, where the rainfall changes are expected to between -10 to 10% compared to the baseline period and southeastern part, rainfall is likely to increase by more than 10% in 2050 as presented in Fig. 6.10.

6.1.4.3 Projected rainfall change for March for the year 2050

Rainfall for the month of March is projected to decrease by more than -10% compared to the baseline period under RCP4.5 all over Bangladesh for the year 2050 as shown in Fig. 6.11.

6.1.4.4 Projected rainfall change for April for the year 2050

Rainfall during April is likely to increase by more than 10% almost all upazilas in Bangladesh under RCP4.5 except in some pockets upazilas of northwestern and southeastern part, where the rainfall changes are expected to between -10 to +10% compared to the baseline period and in some isolated upazilas of southeastern and western part, rainfall is projected to decrease by more than -10% in Bangladesh for the year 2050 as shown in Fig. 6.11.

6.1.4.5 Projected rainfall change for May for the year 2050

Rainfall for the month of May is projected to decrease by more than -10% almost all upazilas over the northern part of Bangladesh under RCP4.5. Southern part upazilas, where the rainfall change is expected to between -10 to +10 % compared to the baseline period and in a few upazilas of southern part, rainfall is likely to increase by more than 10%, in Bangladesh for the year 2050 as shown in Fig. 6.12.

6.1.4.6 Projected rainfall change for June for the year 2050

Rainfall for June is likely to increase by more than 10% under RCP4.5 almost all upazilas in

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Bangladesh except in the upazilas of southern and southeastern part, where the rainfall change is expected between -10 to +10 % compared to the baseline period and in some pockets upazilas at different places, rainfall is also projected to decrease by more than -10 during 2050 as shown in Fig. 6.12.

6.1.4.7 Projected rainfall change for July for the year 2050

The month of July in rainfall is projected to increase by more than 10% in almost all upazilas in Bangladesh except in some pockets upazilas of western part, where the change of rainfall is found to be -10 to +10% compared to the baseline period under RCP4.5 for the year 2050 as shown in Fig. 6.13.

6.1.4.8 Projected rainfall change for August for the year 2050

The change of rainfall is expected to increase by more than 10% in almost all upazilas in Bangladesh except in one upazilas (Tetulia under Panchagarh), where the rainfall change is expected to between -10 to +10 % compared to the baseline period under RCP4.5 for the year 2050 as shown in Fig. 6.13.

6.1.4.9 Projected rainfall change for September for the year 2050

Rainfall for September is projected to decrease by more than -10% in almost all upazilas in Bangladesh except in the upazilas of western and some pockets upazilas of southeastern part, where the rainfall change is expected to between -10 to 10 % compared to baseline period under RCP4.5 for the year 2050 as shown in Fig. 6.14.

6.1.4.10 Projected rainfall change for October for the year 2050

The change of rainfall for October is projected to increase by more than +10% in almost all upazilas in Bangladesh except in some pockets upazilas of northwestern, southern and southeastern part, where the rainfall change is expected to between-10 to 10 % compared to baseline period and in the upazilas of northeastern part, rainfall is likely to decrease by more than -10% under RCP4.5 for 2050 as shown in Fig. 6.14.

6.1.4.11 Projected rainfall change for November for the year 2050

Rainfall for November is projected to decrease by more than -10% in almost all upazilas over the upazilas of northern part in Bangladesh under RCP4.5. Over the upazilas of southern and some isolated upazilas of upper southern part, where the rainfall is likely to increase by more than 10% and some pockets upazilas of upper southern part, rainfall change is expected to between -10 to +10 % compared to the baseline period for 2050 as shown in Fig. 6.15.

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6.1.4.12 Projected rainfall change for December for the year 2050

Rainfall for December is projected to decrease by more than -10% in almost all upazilas in Bangladesh under RCP4.5 except in some pockets upazilas and in the upazilas of northwestern part, where the rainfall change is expected to between -10 to +10 % compared to the baseline period and rainfall is also likely to increase by more than 10% over the upazilas of northwestern part of Bangladesh for 2050 as shown in Fig. 6.15.

6.1.5 Projected seasonal rainfall change under RCP4.5 for the year 2050

6.1.5.1 Projected rainfall change for pre-monsoon season for the year 2050

Pre-monsoon season in rainfall is likely to decrease by more than -10% in almost all upazilas in Bangladesh except in some upazilas of central to southern part, where the rainfall change is expected to between -10 to +10 % compared to the baseline period under RCP4.5 for the year 2050 as presented in Fig. 6.16.

6.1.5.2 Projected rainfall change for monsoon season for the year 2050

Monsoon season in rainfall is projected to increase by more than 10% all upazilas in Bangladesh compared to the baseline period under RCP4.5 for the year 2050 as presented in Fig. 6.16.

6.1.5.3 Projected rainfall change for post-monsoon season for the year 2050

Rainfall in post-monsoon season is likely to increase by more than 10% in a majority upazilas of Bangladesh except in a few upazilas of northern and southeastern part. In the upazilas of northern part and in a few upazilas of southeastern part, the change in rainfall is expected to between -10 to +10 % compared to the baseline period under RCP4.5. Over the upazilas of northwestern and in some pockets upazilas of southeastern part, rainfall is projected to increase by more than 10% for the year 2050 as presented in Fig. 6.17.

6.1.5.4 Projected rainfall change for winter season for the year 2050

Winter season in rainfall is projected to decrease by more than -10% in almost all upazilas in Bangladesh except in some pockets upazilas of northwestern and southern part, where the rainfall change is expected to between -10 to +10% compared to the baseline period and southern part upazilas in rainfall it is likely to increase by more than 10% for the year 2050 as shown in Fig. 6.17.

6.1.6 Projected annual rainfall change under RCP4.5 for the year 2050

Annual rainfall is likely to increase by more than 10% in almost all upazilas in Bangladesh except in the upazilas of southeastern part, where the change in rainfall is expected to between -10 to 10% compared to the baseline period under RCP4.5 for the year 2050 as shown in Fig. 6.18.

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6.1.7 Projected monthly rainfall changes under RCP4.5 for the year 2070

6.1.7.1 Projected rainfall change for January for the year 2070

Rainfall for the month of January is projected to decrease by more than -10% in a majority upazilas in Bangladesh under RCP4.5 except in some upazilas of central to southern parts, where the rainfall change is expected to between -10 to 10% compared to the baseline period for the year 2070 as shown in Fig. 6.19.

6.1.7.2 Projected rainfall change for February for the year 2070

Rainfall for February is projected to decrease by more than -10% in a majority upazilas in Bangladesh under RCP4.5 except in some pockets upazilas of western part, where the rainfall change is expected to between -10 to 10% compared to the baseline period and rainfall is likely to increase by more than 10% in 2070 as presented in Fig. 6.19.

6.1.7.3 Projected rainfall change for March for the year 2070

Rainfall for the month of March is projected to decrease by more than -10% compared to the baseline period under RCP4.5 all over Bangladesh for the year 2070 as shown in Fig. 6.20.

6.1.7.4 Projected rainfall change for April for the year 2070

Rainfall during April is likely to decrease by more than -10% in almost all upazilas in Bangladesh under RCP4.5 except in some pockets upazilas of western, northeastern and southeastern part, where the rainfall changes are expected to between -10 to +10% compared to the baseline period and some pockets upazilas in rainfall is projected to increase by more than 10% in Bangladesh for the year 2070 as shown in Fig. 6.20.

6.1.7.5 Projected rainfall change for May for the year 2070

Rainfall for the month of May is projected to increase by more than 10% in almost all upazilas in Bangladesh under RCP4.5 except in the upazilas of southern and northeastern part, where the rainfall is likely to decrease by more than -10% and rainfall change is expected to between -10 to +10 % compared to the baseline period in Bangladesh for the year 2070 as shown in Fig. 6.21.

6.1.7.6 Projected rainfall change for June for the year 2070

Rainfall for June is likely to decrease by more than -10% under RCP4.5 in almost all upazilas in Bangladesh except in some upazila of southeast parts, where the rainfall change is expected between -10 to +10 % compared to the baseline period and in the upazilas of extreme southeastern parts in rainfall is also projected to increase by more than 10 for 2070 as shown in Fig. 6.21.

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6.1.7.7 Projected rainfall change for July for the year 2070

The month of July in rainfall is projected to increase by more than 10% in almost all upazilas in Bangladesh except in some upazilas of northwestern part, where the change of rainfall is found to be -10 to +10% compared to the baseline period under RCP4.5 for the year 2070 as shown in Fig. 6.22.

6.1.7.8 Projected rainfall change for August for the year 2070

The change of rainfall is expected to increase by more than 10% in almost all upazilas in Bangladesh except in some pockets upazilas (western part), where the rainfall change is expected to between -10 to +10 % compared to the baseline period under RCP4.5 for the year 2070 as shown in Fig. 6.22.

6.1.7.9 Projected rainfall change for September for the year 2070

Rainfall for September is projected to decrease by more than -10% in almost all upazilas over the southern part of Bangladesh except in the upazilas of northern part, where the rainfall change is expected to between -10 to 10 % compared to baseline period and in some upazilas rainfall is also likely to increase by more than 10% under RCP4.5 for the year 2070 as shown in Fig. 6.23.

6.1.7.10 Projected rainfall change for October for the year 2070

The change of rainfall for October is projected to decrease by more than -10% all upazilas in Bangladesh compared to baseline period under RCP4.5 for 2070 as shown in Fig. 6.23.

6.1.7.11 Projected rainfall change for November for the year 2070

Rainfall for November is projected to increase by more than 10% all upazilas in Bangladesh under RCP4.5 compared to the baseline period for 2070 as shown in Fig. 6.24.

6.1.7.12 Projected rainfall change for December for the year 2070

Rainfall for December is projected to decrease by more than -10% in most of the upazilas in Bangladesh under RCP4.5 except in some pockets upazilas of northwestern and southwestern part, where the rainfall change is expected to between -10 to +10 % compared to the baseline period and also rainfall is likely to increase by more than 10% for 2070 as shown in Fig. 6.24.

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6.1.8 Projected seasonal rainfall change under RCP4.5 for the year 2070

6.1.8.1 Projected rainfall change for pre-monsoon season for the year 2070

Pre-monsoon season in rainfall is likely to decrease by more than -10% in most of the upazilas of southern and northeastern part of Bangladesh under RCP4.5. In the upazilas of central to northern part, where the rainfall change is expected to between -10 to +10 % compared to the baseline period and in the upazilas of northwestern part in rainfall is projected to increase by more than 10% for the year 2070 as presented in Fig. 6.25.

6.1.8.2 Projected rainfall change for monsoon season for the year 2070

Monsoon season rainfall is projected to increase by more than 10% in some upazilas of southeastern, northwestern as well as Mymensngh regions in Bangladesh. Over the upazilas of southwestern, central and northeastern parts, rainfall change is expected to between -10 to +10 % compared to the baseline period under RCP4.5 for the year 2070 as presented in Fig. 6.25.

6.1.8.3 Projected rainfall change for post-monsoon season for the year 2070

Rainfall in post-monsoon season is likely to decrease by more than -10% in a majority upazilas in Bangladesh except in a few upazilas of southern and central part (Mymensingh regions) in rainfall is likely to increase by more than 10% and in the same region in some upazilas, rainfall is also expected to between -10 to +10 % compared to the baseline period under RCP4.5 for the year 2070 as presented in Fig. 6.26.

6.1.8.4 Projected rainfall change for winter season for the year 2070

Winter season rainfall is projected to decrease by more than -10% in most of the upazilas in Bangladesh except in some pockets upazilas of western part, where the rainfall change is expected to between -10 to +10% compared to the baseline period and in the same region rainfall is also likely to increase by more than 10% for the year 2070 as shown in Fig. 6.26.

6.1.9 Projected annual rainfall change under RCP4.5 for the year 2070

Annual rainfall change is expected to between -10 to 10% compared to the baseline period and in a few upazilas of northwestern, southwestern and southeastern part, these areas rainfall is likely to increase by more than 10% in Bangladesh under RCP4.5 for the year 2070 as shown in Fig. 6.27.

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6.1.10 Projected monthly rainfall changes under RCP4.5 for the year 2090

6.1.10.1 Projected rainfall change for January for the year 2090

Rainfall for January is projected to increase by more than 10% in a majority upazilas in Bangladesh except in some upazilas of southeastern, narrow part of north-south and in some pockets upazilas of northwestern part, where the rainfall change is expected to between -10 to +10 % compared to the baseline period and in the same places in rainfall is also likely to decrease by more than -10% under RCP4.5 in Bangladesh for the year 2090 as shown in Fig. 6.28.

6.1.10.2 Projected rainfall change for February for the year 2090

Rainfall during February is expected to increase by more than 10% all upazilas in Bangladesh under RCP4.5 compared to the baseline period for the year 2090 as presented in Fig. 6.28.

6.1.10.3 Projected rainfall change for March for the year 2090

Rainfall for the month of March is likely to decrease by more than -10% in most of the upazilas in Bangladesh except in some pockets upazilas of western part as well as northeastern part, where the rainfall change is projected to between -10 to +10% compared to the baseline period and in the same region rainfall is also projected to increase by more than 10% under RCP4.5 for the year 2090 as shown in Fig. 6.29.

6.1.10.4 Projected rainfall change for April for the year 2090

Rainfall for April is projected to decrease by more than -10% all upazilas in Bangladesh compared to the baseline period under RCP4.5 for the year 2090 as shown in Fig. 4.29.

6.1.10.5 Projected rainfall change for May for the year 2090

Rainfall during May is projected to increase by more than 10% in most of the upazilas over the northwestern part of Bangladesh. Over the upazilas of southwest to northeast narrow part and some pockets upazilas of northwestern part, rainfall change is expected to between -10 to +10% compared to the baseline period and in the upazilas of southeastern part, rainfall is likely to decrease by more than -10% under RCP4.5 for the year 2090 as presented in Fig. 6.30.

6.1.10.6 Projected rainfall change for June for the year 2090

Rainfall for the month of June is projected to decrease by more than -10% in most of the upazilas in Bangladesh except in some upazilas of southeastern part, where the rainfall change is expected to between -10 to +10 % compared to the baseline period under RCP4.5 for the year 2090 as shown in Fig. 6.30.

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6.1.10.7 Projected rainfall change for July for the year 2090

The change of rainfall for July is found to be more than 10% all upazilas in Bangladesh compared to the baseline period under RCP4.5 for the year 2090 as shown in Fig. 6.31.

6.1.10.8 Projected rainfall change for August for the year 2090

Rainfall for August is projected to increase by more than 10% in most of the upazilas in Bangladesh except in the upazilas of northern part, where the rainfall change is expected to between -10 to +10 % compared to the baseline period under RCP4.5 for the year 2090 as shown in Fig. 6.31.

6.1.10.9 Projected rainfall change for September for the year 2090

Rainfall for September is found to be increased by more than 10% almost all upazilas in Bangladesh except in some pocket upazilas of northeastern and northwestern part, where the rainfall change is expected to between -10 to +10 % compared to the baseline period under RCP4.5 for the year 2090 as shown in Fig. 6.32.

6.1.10.10 Projected rainfall change for October for the year 2090

Rainfall for the month of October is found to be changed by more than +10 % almost all upazilas in Bangladesh except in a few upazilas of northwestern part, where the rainfall change is expected to between -10 to +10 % compared to the baseline period under RCP4.5 for the year 2090 as shown in Fig. 6.32.

6.1.10.11 Projected rainfall change for November for the year 2090

The change of rainfall is found to be increased by more than +10% in almost all upazilas of northwestern and southeastern part of Bangladesh. Some upazilas of southwestern and northern part, rainfall is likely to decrease by more than -10% for the month of November and some upazilas under Mymensingh regions and some other pockets upazilas, rainfall change is expected to between -10 to +10 % compared to the baseline period under RCP4.5 for the year 2090 as shown in Fig. 6.33.

6.1.10.12 Projected rainfall change for December for the year 2090

Rainfall for December is projected to decrease by more than -10% in almost all upazilas in Bangladesh except in some pockets upazilas of western part, where the rainfall change is likely to between -10 to +10% compared to the baseline period under RCP4.5 for the year 2090 as shown in Fig. 6.33.

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6.1.11 Projected seasonal rainfall change under RCP4.5 for the year 2090

6.1.11.1 Projected rainfall change for pre-monsoon season for the year 2090

Pre-monsoon season in rainfall is likely to decrease by more than -10% over the upazilas of southern part of Bangladesh. In the upazilas of north-western part and in some pockets upazilas, rainfall change is expected to between -10 to 10% compared to the baseline period and some pockets upazilas rainfall is projected to increase more than 10% under RCP4.5 for the year 2090 as presented in Fig. 6.34.

6.1.11.2 Projected rainfall change for monsoon season for the year 2090

Monsoon season in rainfall is found to be increased by more than 10% in almost all upazilas in Bangladesh except in some upazilas of northwestern part, where the rainfall change is expected to between -10 to 10% compared to the baseline period under RCP4.5 for the year 2090 as presented in Fig. 6.34.

6.1.11.3 Projected rainfall change for post-monsoon season for the year 2090

Post-monsoon season in rainfall is projected to increase by more than 10% in almost all upazilas in Bangladesh except in a few upazilas of northwestern part, where the rainfall change is expected to between -10 to 10% compared to the baseline period under RCP4.5 for the year 2090 as presented in Fig. 6.35.

6.1.11.4 Projected rainfall change for winter season for the year 2090

Winter season in rainfall is projected to increase by more than 10% all upazilas in Bangladesh. compared to the baseline period under RCP4.5 for the year 2090 as presented in Fig. 6.35.

6.1.12 Projected annual rainfall change under RCP4.5 for the year 2090

Annual rainfall is expected to increase by more than 10% in almost all upazilas in Bangladesh except in some upazilas of northwestern part, where the rainfall change is expected to between -10 to 10% compared to the baseline period under RCP4.5 for the year 2090 as presented in Fig. 6.36.

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6.2 Projected maximum temperature change vulnerability map under RCP4.5

6.2.1 Projected monthly maximum temperature change under RCP4.5 for the year 2030

6.2.1.1 Projected maximum temperature change for January for the year 2030

Maximum temperature for the month of January is likely to rise by 1.5°C in almost all upazilas in Bangladesh (Table 6.1) except in some upazilas of southern part, where the maximum temperature is projected to increase by 0.5-1.0°C for the year 2030 under RCP4.5 as presented in Fig. 6.37.

6.2.1.2 Projected maximum temperature change for February for the year 2030

Maximum temperature for February is expected to increase by 1.0-2.0°C in almost all upazilas in Bangladesh (Table 6.1) except in a few upazilas of northeastern part, it is likely to increase by more than 0.5°C for the year 2030 under RCP4.5 as presented in Fig. 6.37.

6.2.1.3 Projected maximum temperature change for March for the year 2030

The maximum temperature is projected to increase by 1.0-2.0°C all upazilas in Bangladesh (Table 6.1) for the month of March under RCP4.5 for the year 2030 as presented in Fig. 6.38.

6.2.1.4 Projected maximum temperature change for April for the year 2030

Maximum temperature for the month of April is expected to increase by 1.0-2.0°C in most of the upazilas of Bangladesh (Table 6.1) with the rise being somewhat moderate (0.0-1.0°C) in a few upazilas of southeastern part under RCP4.5 for the year 2030 as presented in Fig. 6.38.

6.2.1.5 Projected maximum temperature change for May for the year 2030

Maximum temperature for the month of May is likely to increase by 1.0-2.0°C in almost all upazilas in Bangladesh (Table 6.1) except in some upazilas of southern part, where the maximum temperature is found to be in the range of about 0.0-1.0°C in Bangladesh under RCP4.5 for the year 2030 as presented in Fig. 6.39. The rate of increase of maximum temperature of northern part upazilas are higher than that of southern part upazilas in Bangladesh.

6.2.1.6 Projected maximum temperature change for June for the year 2030

The maximum temperature is projected to increase by 1.0-2.0°C all upazilas in Bangladesh (Table 6.1) for the month of June under RCP4.5 for the year 2030 as presented in Fig. 6.39.

6.2.1.7 Projected maximum temperature change for July for the year 2030

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Maximum temperature for July is projected to increase about by 1.5°C in almost all upazilas in Bangladesh (Table 6.1) except in a few upazilas of southern part, its maximum temperature is likely to rise by 0.5°C under RCP4.5 for the year 2030 as presented in Fig. 6.40.

6.2.1.8 Projected maximum temperature change for August for the year 2030

Maximum temperature during August is likely to increase about by 1.3°C all upazilas in northern part in Bangladesh (Table 6.1) except in the upazilas of southern part, where the maximum temperature is projected to rise by about 0.5°C under RCP4.5 for the year 2030 as presented in Fig. 6.40.

6.2.1.9 Projected maximum temperature change for September for the year 2030

Maximum temperature for September is expected to increase by 1.0-2.0°C in almost all upazilas in Bangladesh (Table 6.1) except in some pockets upazilas of southwestern part, where the maximum temperature is projected to rise by more than 0.9°C for the year 2030 as shown in Fig. 6.41.

6.2.1.10 Projected maximum temperature change for October for the year 2030

Maximum temperature for October is likely to increase by about 1.2°C all upazilas of northern part of Bangladesh (Table 6.1) except in the upazilas of southern part, where the maximum temperature is expected to rise by about 0.85°C compared to the baseline period for the year 2030 as shown in Fig. 6.41. The rate of increase of maximum temperature in northern part upazilas is higher than that of southern part upazilas.

6.2.1.11 Projected maximum temperature change for November for the year 2030

Maximum temperature for November is projected to increase by more than 1.3°C all upazilas of Bangladesh (Table 6.1) compared to baseline period (1971-2000) under RCP4.5 for the year 2030 as shown in Fig. 6.42.

6.2.1.12 Projected maximum temperature change for December for the year 2030

Maximum temperature for December is projected to increase by more than 1.3°C all upazilas in Bangladesh (Table 6.1) compared to the baseline period for the year 2030 as shown in Fig. 6.42.

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6.2.2 Seasonal maximum temperature scenario under RCP4.5 for the year 2030

6.2.2.1 Maximum temperature scenario for pre-monsoon season for the year 2030

Pre-monsoon season maximum temperature is projected to increase by 1.0-2.0^{o}C almost all upazilas in Bangladesh (Table 6.1) except in a few upazilas of southern part, where maximum temperature is expected to rise about by 0.9^{o}C compared to the baseline period for the year 2030 as shown in Fig. 6.43.

6.2.2.2 Maximum temperature scenario for monsoon season for the year 2030

Maximum temperature for monsoon season is likely to increase by more than 1.2^{o}C in almost all upazilas in Bangladesh (Table 6.1) except in a few upazilas of southern part, where the maximum temperature is projected to rise by about 0.9^{o}C compared to the baseline period for the year 2030 as shown in Fig. 6.43.

6.2.2.3 Maximum temperature scenario for post-monsoon season for the year 2030

Post-monsoon season maximum temperature is likely to rise by more than 1.0^{o}C in almost all upazilas of Bangladesh (Table 6.1) except in some pockets upazilas of southeastern part, where the maximum temperature is projected to increase by about 0.95^{o}C compared to the baseline period under RCP4.5 for the year 2030 as shown in Fig. 6.44.

6.2.2.3 Maximum temperature scenario for winter season for the year 2030

Maximum temperature during winter season is projected to rise by about 1.3^{o}C all upazilas in Bangladesh (Table 6.1) compared to the baseline period under RCP4.5 for the year 2030 as shown in Fig. 6.44.

6.2.3 Annual maximum temperature scenario under RCP4.5 for the year 2030

Annual maximum temperature is projected to increase on an average by 1.3^{o}C in almost all upazilas in Bangladesh (Table 6.1) except in a few upazilas of southern part, where the annual maximum temperature is likely to rise by 0.95^{o}C compared to the baseline period under RCP4.5 for the year 2030 in Bangladesh as shown in Fig. 6.45.

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6.2.4 Projected monthly maximum temperature change under RCP4.5 for the year 2050

6.2.4.1 Projected maximum temperature change for January for the year 2050

Maximum temperature for January is likely to rise by more than 0.7°C in almost all upazilas of southern, eastern as well as in some upazilas of northwestern part in Bangladesh (Table 6.2). Over the upazilas of central to western part (Rajshahi regions), the maximum temperature is projected to increase on average by 1.08°C for the year 2050 under RCP4.5 as presented in Fig. 6.46.

6.2.4.2 Projected maximum temperature change for February for the year 2050

Maximum temperature for February is expected to increase by 1.4°C in most of the upazilas of western part of Bangladesh (Table 6.2) except in the upazilas of eastern part, it is likely to rise by more than 0.7°C for the year 2050 under RCP4.5 as presented in Fig. 6.46.

6.2.4.3 Projected maximum temperature change for March for the year 2050

The maximum temperature is projected to increase by 1.0-2.0°C almost all upazilas in Bangladesh (Table 6.2) except in a few upazilas of northwestern part, where it is expected to rise by more than 2.0°C for the month of March under RCP4.5 for the year 2050 as presented in Fig. 6.47.

6.2.4.4 Projected maximum temperature change for April for the year 2050

Maximum temperature for the month of April is expected to increase by 1.3°C all upazilas in Bangladesh (Table 6.2) compared to the baseline period (1971-2000) under RCP4.5 for the year 2050 as presented in Fig. 6.47.

6.2.4.5 Projected maximum temperature change for May for the year 2050

Maximum temperature for the month of May is likely to increase by 1.0-2.0°C all upazilas in Bangladesh (Table 6.2) under RCP4.5 for the year 2050 as presented in Fig. 6.48.

6.2.4.6 Projected maximum temperature change for June for the year 2050

The maximum temperature is projected to increase on an average by 1.4°C in the upazilas of eastern part of Bangladesh (Table 6.2) but in the upazilas of western part, maximum temperature is likely to rise by 0.8 °C for the month of June under RCP4.5 for the year 2050 as presented in Fig. 6.48.

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6.2.4.7 Projected maximum temperature change for July for the year 2050

Maximum temperature for July is projected to increase by about 1.5°C in almost all upazilas in Bangladesh (Table 6.2) except in a few upazilas of southwestern part, it maximum temperature is likely to rise by about 1.0°C under RCP4.5 for the year 2050 as presented in Fig. 6.49.

6.2.4.8 Projected maximum temperature change for August for the year 2050

Maximum temperature during August is likely to increase by about 1.0-2.0°C all upazilas in Bangladesh (Table 6.2) compared to the baseline period (1971-2000) under RCP4.5 for the year 2050 as presented in Fig. 6.49.

6.2.4.9 Projected maximum temperature change for September for the year 2050

Maximum temperature for September is expected to increase by 1.0-2.0°C in most of the upazilas in Bangladesh (Table 6.2) except in some upazilas of northern part, where the maximum temperature is projected to rise by more than 2.0°C for the year 2050 as shown in Fig. 6.50.

6.2.4.10 Projected maximum temperature change for October for the year 2050

Maximum temperature for October is likely to increase by about 1.8°C all upazilas of central to southern part of Bangladesh (Table 6.2) except in the upazilas of northern part, where the maximum temperature is expected to rise by more than 2.0°C compared to the baseline period for the year 2050 as shown in Fig. 6.50.

6.2.4.11 Projected maximum temperature change for November for the year 2050

Maximum temperature for November is projected to increase by more than 2.0°C all upazilas of extreme northern part of Bangladesh (Table 6.2) except in below extreme northern to southern part upazilas, where it is expected to rise by 1.0-2.0°C under RCP4.5 for the year 2050 as shown in Fig. 6.51.

6.2.4.12 Projected maximum temperature change for December for the year 2050

Maximum temperature for December is projected to increase by more than 2.0°C in almost all upazilas in Bangladesh (Table 6.2) except in a few upazilas of southern part, it is likely to rise about by 1.9°C compared to the baseline period for the year 2050 as shown in Fig. 6.51.

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6.2.5 Seasonal maximum temperature scenario under RCP4.5 for the year 2050

6.2.5.1 Maximum temperature scenario for pre-monsoon season for the year 2050

Pre-monsoon season maximum temperature is projected to increase on an average by 1.5^{o}C all upazilas in Bangladesh (Table 6.2) compared to the baseline period for the year 2050 as shown in Fig. 6.52.

6.2.5.2 Maximum temperature scenario for monsoon season for the year 2050

Maximum temperature for monsoon season is likely to increase by more than 1.4^{o}C all upazilas in Bangladesh (Table 6.2) compared to the baseline period for the year 2050 as shown in Fig. 6.52.

6.2.5.3 Maximum temperature scenario for post-monsoon season for the year 2050

Post-monsoon season in maximum temperature is likely to rise by more than 2.0^{o}C over the upazilas of northern part of Bangladesh (Table 6.2) except in some upazilas of northern to southern part, where the maximum temperature is projected to increase about by 1.7^{o}C compared to the baseline period under RCP4.5 for the year 2050 as shown in Fig. 6.53.

6.2.5.3 Maximum temperature scenario for winter season for the year 2050

Maximum temperature during winter season is projected to rise by about 1.5^{o}C all upazilas in Bangladesh (Table 6.2) compared to the baseline period under RCP4.5 for the year 2050 as shown in Fig. 6.53.

6.2.6 Annual maximum temperature scenario under RCP4.5 for the year 2050

Annual maximum temperature is projected to increase on an average by 1.4^{o}C all upazilas in Bangladesh (Table 6.2) compared to the baseline period under RCP4.5 for the year 2050 in Bangladesh as shown in Fig. 6.54.

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6.2.7 Projected monthly maximum temperature change under RCP4.5 for the year 2070

6.2.7.1 Projected maximum temperature change for January for the year 2070

Maximum temperature for January is likely to rise by more than 3.1°C over the upazilas of central part (western to eastern direction) of Bangladesh (Table 6.3) except in some upazilas of northwestern and southern part, where the maximum temperature is projected to increase on average by 2.5°C for the year 2070 under RCP4.5 as presented in Fig. 6.55.

6.2.7.2 Projected maximum temperature change for February for the year 2070

Maximum temperature for February is expected to increase by more than 2.0°C in almost all upazilas in Bangladesh (Table 6.3) except in a few upazilas of northwestern and southern part, it is likely to rise about by 1.8°C for the year 2070 under RCP4.5 as presented in Fig. 6.55.

6.2.7.3 Projected maximum temperature change for March for the year 2070

The maximum temperature is projected to increase by 2.5°C all upazilas in Bangladesh (Table 6.3) compared to the baseline period (1971-2000) for the month of March under RCP4.5 for the year 2070 as presented in Fig. 6.56.

6.2.7.4 Projected maximum temperature change for April for the year 2070

Maximum temperature for the month of April is expected to increase by 2.3°C in almost all upazilas in Bangladesh (Table 6.3) except in a few upazilas of southern part, where it is projected to rise by 1.7°C compared to the baseline period (1971-2000) under RCP4.5 for the year 2070 as presented in Fig. 6.56.

6.2.7.5 Projected maximum temperature change for May for the year 2070

Maximum temperature for the month of May is likely to increase by 1.0-2.0°C in most of the upazilas in Bangladesh (Table 6.3) except in a few upazilas of northwestern part, it is expected to rise by 2.2°C under RCP4.5 for the year 2070 as presented in Fig. 6.57.

6.2.7.6 Projected maximum temperature change for June for the year 2070

The maximum temperature is projected to increase on an average by 1.5°C in almost all upazilas in Bangladesh (Table 6.3) except in a few upazilas of western part (Rajshahi regions), where the maximum temperature is expected to rise by more than 2.0°C for the month of June under RCP4.5 for the year 2070 as presented in Fig. 6.57.

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6.2.7.7 Projected maximum temperature change for July for the year 2070

Maximum temperature for July is projected to increase about by 1.5°C all upazilas in Bangladesh (Table 6.3) compared to the baseline period (1971-2000) for the year 2070 as presented in Fig. 6.58.

6.2.7.8 Projected maximum temperature change for August for the year 2070

Maximum temperature during August is likely to increase about by 1.0-2.0°C in almost all upazilas in Bangladesh (Table 6.3) except in some upazilas of northwestern part, where it is projected to rise by 2.0°C under RCP4.5 for the year 2070 as presented in Fig. 6.58.

6.2.7.9 Projected maximum temperature change for September for the year 2070

Maximum temperature for September is expected to increase by 1.0-2.0°C in most of the upazilas in Bangladesh (Table 6.3) except in some upazilas of northwestern part, where the maximum temperature is projected to rise by more than 2.0°C for the year 2070 as shown in Fig. 6.59.

6.2.7.10 Projected maximum temperature change for October for the year 2070

Maximum temperature for October is likely to increase about by 1.4°C all upazilas in Bangladesh (Table 6.3) compared to the baseline period for the year 2070 as shown in Fig. 6.59.

6.2.7.11 Projected maximum temperature change for November for the year 2070

Maximum temperature for November is projected to increase by more than 1.7°C in almost all upazilas in Bangladesh (Table 6.3) except in some pockets upazilas of northwestern and southwestern part, where it is expected to rise more than by 2.0°C under RCP4.5 for the year 2070 as shown in Fig. 6.60.

6.2.7.12 Projected maximum temperature change for December for the year 2070

Maximum temperature for December is projected to increase by more than 2.6°C in most of the upazilas in Bangladesh (Table 6.3) except in some upazilas of northwestern and southeastern part, it is likely to rise by more than 3.0°C compared to the baseline period for the year 2070 as shown in Fig. 6.60.

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6.2.8 Seasonal maximum temperature scenario under RCP4.5 for the year 2070

6.2.8.1 Maximum temperature scenario for pre-monsoon season for the year 2070

Pre-monsoon season in maximum temperature is projected to increase on an average by 2.2°C in almost all upazilas in Bangladesh (Table 6.3) except in southern part, where it is likely to rise by 1.7°C compared to the baseline period for the year 2070 as shown in Fig. 6.61.

6.2.8.2 Maximum temperature scenario for monsoon season for the year 2070

Maximum temperature for monsoon season is likely to increase on an average by 1.5°C in most of the upazilas in Bangladesh (Table 6.3) except in a few upazilas of northwestern part, it is projected by more than 2.0°C compared to the baseline period for the year 2070 as shown in Fig. 6.61.

6.2.8.3 Maximum temperature scenario for post-monsoon season for the year 2070

Post-monsoon season in maximum temperature is likely to rise by more than 2.2°C in a majority upazilas in Bangladesh (Table 6.3) except in some upazilas of southeastern part, where the maximum temperature is projected to increase about by 1.9°C compared to the baseline period under RCP4.5 for the year 2070 as shown in Fig. 6.62.

6.2.8.3 Maximum temperature scenario for winter season for the year 2070

Maximum temperature during winter season is projected to rise about by 2.4°C in almost all upazilas in Bangladesh (Table 6.3) except in a few upazilas of southern part, where it is expected by 1.9°C compared to the baseline period under RCP4.5 for the year 2070 as shown in Fig. 6.62.

6.2.9 Annual maximum temperature scenario under RCP4.5 for the year 2070

Annual maximum temperature is projected to increase on an average by 2.2°C in most of the upazilas in Bangladesh (Table 6.3) except in some upazilas of southern part, where it is expected by 1.7°C compared to the baseline period under RCP4.5 for the year 2070 in Bangladesh as shown in Fig. 6.63.

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6.2.10 Projected monthly maximum temperature change under RCP4.5 for the year 2090

6.2.10.1 Projected maximum temperature change for January for the year 2090

Maximum temperature for January is likely to rise by 1.0-2.0°C in almost all upazilas in Bangladesh (Table 6.4) except in a few upazilas of northwestern part, where the maximum temperature is projected to increase by more than 2.2°C for the year 2090 under RCP4.5 as presented in Fig. 6.64.

6.2.10.2 Projected maximum temperature change for February for the year 2090

Maximum temperature for February is expected to increase by more than 1.1°C in most of the upazilas of western part of Bangladesh (Table 6.4) except in the upazilas of eastern part, it is likely to rise about by 0.7°C for the year 2090 under RCP4.5 as presented in Fig. 6.64.

6.2.10.3 Projected maximum temperature change for March for the year 2090

The maximum temperature is projected to increase by more than 3.0°C in almost all upazilas in Bangladesh (Table 6.4) except in some pockets upazilas of northwestern and southern part, where it is expected to rise by about 2.0°C compared to the baseline period (1971-2000) for the month of March under RCP4.5 for the year 2090 as presented in Fig. 6.65.

6.2.10.4 Projected maximum temperature change for April for the year 2090

Maximum temperature for the month of April is expected to increase by 2.5°C in most of the upazilas in Bangladesh (Table 6.4) except in a few upazilas of northwestern part, where it is projected to rise by more than 3.0°C compared to the baseline period (1971-2000) under RCP4.5 for the year 2090 as presented in Fig. 6.65.

6.2.10.5 Projected maximum temperature change for May for the year 2090

Maximum temperature for the month of May is likely to increase by 1.0-2.0°C in almost all upazilas in Bangladesh (Table 6.4) except in some upazilas of northwestern part, it is expected to rise by 2.4°C under RCP4.5 for the year 2090 as presented in Fig. 6.66.

6.2.10.6 Projected maximum temperature change for June for the year 2090

The maximum temperature is projected to increase on an average by 1.5°C in most of the upazilas in Bangladesh (Table 6.4) except in some upazilas of northern part, where the maximum temperature is expected to rise by more than 2.3°C and in a few upazilas of southwestern part, it is likely to rise by about 1.0°C for the month of June under RCP4.5 for the year 2090 as presented in Fig. 6.66.

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6.2.10.7 Projected maximum temperature change for July for the year 2090

Maximum temperature for July is projected to increase by about 1.5°C in almost all upazilas in Bangladesh (Table 6.4) except in a few upazilas of northwestern part, it is likely to rise by more than 2.0°C compared to the baseline period (1971-2000) for the year 2090 as presented in Fig. 6.67.

6.2.10.8 Projected maximum temperature change for August for the year 2090

Maximum temperature during August is likely to increase by about 2.2°C in most of the upazilas of norther part of Bangladesh (Table 6.4) except in southern part upazilas, where it is projected to rise by 1.5°C under RCP4.5 for the year 2090 as presented in Fig. 6.67.

6.2.10.9 Projected maximum temperature change for September for the year 2090

Maximum temperature for September is expected to increase by 2.0-3.0°C in almost all upazilas in Bangladesh (Table 6.4) except in a few upazilas of southern part, where the maximum temperature is projected to rise by more than 1.9°C for the year 2090 as shown in Fig. 6.68.

6.2.10.10 Projected maximum temperature change for October for the year 2090

Maximum temperature for October is likely to increase by about 2.4°C in most of the upazilas in Bangladesh (Table 6.4) except in some upazilas of southern part, where it is projected to rise by 1.8°C compared to the baseline period for the year 2090 as shown in Fig. 6.68.

6.2.10.11 Projected maximum temperature change for November for the year 2090

Maximum temperature for November is projected to increase by more than 1.5°C in almost all upazilas in Bangladesh (Table 6.4) except in in a few upazilas of northwestern part, where it is expected to rise more than by 2.0°C under RCP4.5 for the year 2090 as shown in Fig. 6.69.

6.2.10.12 Projected maximum temperature change for December for the year 2090

Maximum temperature for December is projected to increase by more than 1.5°C in most of the upazilas in Bangladesh (Table 6.4) except in some upazilas of northwestern part, where it is likely to rise by more than 2.0°C compared to the baseline period for the year 2090 as shown in Fig. 6.69.

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6.2.11 Seasonal maximum temperature scenario under RCP4.5 for the year 2090

6.2.11.1 Maximum temperature scenario for pre-monsoon season for the year 2090

Pre-monsoon season in maximum temperature is projected to increase on an average by 2.5°C in almost all upazilas in Bangladesh (Table 6.4) except in a few upazilas of northwestern and southern part, where it is likely to rise by more than 3.0°C and 1.9°C respectively, compared to the baseline period for the year 2090 as shown in Fig. 6.70.

6.2.11.2 Maximum temperature scenario for monsoon season for the year 2090

Maximum temperature for monsoon season is likely to increase on an average by 2.25°C in most of the upazilas of northern part of Bangladesh (Table 6.4) except in the upazilas of southern parts, it is projected to rise by more than 1.7°C compared to the baseline period for the year 2090 as shown in Fig. 6.70

6.2.11.3 Maximum temperature scenario for post-monsoon season for the year 2090

Post-monsoon season in maximum temperature is likely to rise by more than 1.5°C in a majority upazilas in Bangladesh (Table 6.4) except in some upazilas of northwestern part, where the maximum temperature is projected to increase about by 2.25°C compared to the baseline period under RCP4.5 for the year 2090 as shown in Fig. 6.71.

6.2.11.3 Maximum temperature scenario for winter season for the year 2090

Maximum temperature during winter season is projected to rise by about 1.4°C in almost all upazilas in Bangladesh (Table 6.4) except in a few upazilas of eastern part, where it is expected to increase about by 1.0°C compared to the baseline period under RCP4.5 for the year 2090 as shown in Fig. 6.71.

6.2.12 Annual maximum temperature scenario under RCP4.5 for the year 2090

Annual maximum temperature is projected to increase on an average by 1.7°C in a majority upazilas in Bangladesh (Table 6.4) except in some upazilas of northwestern part, where it is expected to rise by 2.2°C compared to the baseline period under RCP4.5 for the year 2090 in Bangladesh as shown in Fig. 6.72.

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6.3 Projected minimum temperature change vulnerability map under RCP4.5 for the year 2030

6.3.1 Projected monthly minimum temperature change under RCP4.5 for the year 2030

6.3.1.1 Projected minimum temperature change for January for the year 2030

It is found that the minimum temperature for January is projected to increase by 1.0-2.0°C in almost all upazilas in Bangladesh (Table 6.5) except in some upazilas of southern parts, where the minimum temperature is expected to increase by 0.7°C under RCP4.5 for the year 2030 as presented in Fig. 6.73.

6.3.1.2 Projected minimum temperature change for February for the year 2030

Minimum temperature for February is projected to increase by 1.25°C in most of the upazilas in Bangladesh (Table 6.5) except in some upazilas of southern part, where it is likely to increase by 0.75°C under RCP4.5 for the year 2030 as presented in Fig. 6.73.

6.3.1.3 Projected minimum temperature change for March for the year 2030

Minimum temperature for the month of March is likely to increase by 1.3°C all upazilas in Bangladesh (Table 6.5) compared to the baseline period (1971-2000) under RCP4.5 for the year 2030 as presented in Fig. 6.74.

6.3.1.4 Projected minimum temperature change for April for the year 2030

Minimum temperature during April is projected to increase by 1.2°C over the upazilas of northern part of Bangladesh (Table 6.5). But in the upazilas of southern parts in minimum temperature is likely to rise by 0.8°C for the year 2030 as presented in Fig. 6.74. The rate of increase of minimum temperature in the northern part upazilas is the higher than the southern part upazilas over Bangladesh.

6.3.1.5 Projected minimum temperature change for May for the year 2030

Minimum temperature for the month of May is expected to increase by 1.5°C in the upazilas of northern part in Bangladesh (Table 6.5). But in the upazilas of southern parts in minimum temperature is likely to rise by 0.7°C compared to the baseline period under RCP4.5 for the year 2030 as presented in Fig. 6.75.

6.3.1.6 Projected minimum temperature change for June for the year 2030

Minimum temperature for the month of June is projected to increase by 1.25°C in almost all upazilas in Bangladesh (Table 6.5) except in some upazilas of southern part, where the minimum temperature is found to be in the range of about 0.0-1.0°C in Bangladesh for the year 2030 as presented in Fig. 6.75.

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6.3.1.7 Projected minimum temperature change for July for the year 2030

Minimum temperature for July is likely to increase by 1.0-2.0°C in most of the upazilas in Bangladesh (Table 6.5) except in some upazilas of southern part, where the minimum temperature is expected to increase by 0.85°C compared to the baseline period for the year 2030 as presented in Fig. 6.76.

6.3.1.8 Projected minimum temperature change for August for the year 2030

Minimum temperature for August is expected to increase by 1.2°C in almost all upazilas in Bangladesh (Table 6.5) except in some upazilas of southern part, where the minimum temperature is projected to rise by 0.85°C compared to the baseline period for the year 2030 as presented in Fig. 6.76.

6.3.1.9 Projected minimum temperature change for September for the year 2030

Minimum temperature for September is projected to increase by 0.75°C in a majority upazilas in Bangladesh (Table 6.5) except in the upazilas of northeastern part, where the minimum temperature is likely to increase by 1.2°C under RCP4.5 for the year 2030 as shown in Fig. 6.77.

6.3.1.10 Projected minimum temperature change for October for the year 2030

Minimum temperature for October is likely to increase by 0.8°C in almost all upazilas in Bangladesh (Table 6.5) except in some upazilas of north-eastern part, where the minimum temperature is expected to rise by more than 1.1°C compared to the baseline period under RCP4.5 for the year 2030 as shown in Fig. 6.77.

6.3.1.11 Projected minimum temperature change for November for the year 2030

Minimum temperature for November is projected to increase by 0.8°C in most of the upazilas in Bangladesh (Table 6.5) except in a few upazilas of northwestern part, where the minimum temperature for November is likely to rise by more than 1.0°C for the year 2030 as shown in Fig. 6.78.

6.3.1.12 Projected minimum temperature change for December for the year 2030

Minimum temperature for December is expected to increase by 1.5°C in almost all upazilas in Bangladesh (Table 6.5) except in some pockets upazilas of southeastern part, where the minimum temperature is projected to rise by 0.9°C for the year 2030 as shown in Fig. 6.78.

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6.3.2 Seasonal minimum temperature scenario under RCP4.5 for the year 2030

6.3.2.1 Minimum temperature scenario for pre-monsoon season for the year 2030

Pre-monsoon season in minimum temperature is projected to increase by 1.3^{o}C in almost all upazilas of northern part of Bangladesh (Table 6.5) except in some upazilas of southern part, where the winter season in minimum temperature is likely to increase by 0.8^{o}C for the year 2030 as shown in Fig. 6.79.

6.3.2.2 Minimum temperature scenario for monsoon season for the year 2030

Minimum temperature during monsoon season is likely to increase by 1.2^{o}C in a majority upazilas of northern part of Bangladesh (Table 6.5) except in some upazilas of southern part, where the minimum temperature is projected to increase by 0.85^{o}C for the year 2030 as shown in Fig. 6.79.

6.3.2.3 Minimum temperature scenario for post-monsoon season for the year 2030

Post-monsoon season in minimum temperature is projected to increase on an average by 0.6^{o}C all upazilas in Bangladesh (Table 6.5) compared to the baseline period under RCP4.5 for the year 2030 as shown in Fig. 6.80.

6.3.2.4 Minimum temperature scenario for winter season for the year 2030

Winter season in minimum temperature is expected to increase on an average by 1.35^{o}C in almost all upazilas in Bangladesh (Table 6.5) except in some upazilas of southern part, where the minimum temperature is likely to increase by 0.8^{o}C for the year 2030 as shown in Fig. 6.80.

6.3.3 Annual minimum temperature scenario under RCP4.5 for the year 2030

Annual minimum temperature is projected to increase by 1.35^{o}C in most of the upazilas in Bangladesh (Table 6.5) except in some upazilas of southern part, where the annual minimum temperature is projected to increase by 0.8^{o}C under RCP4.5 for the year 2030 as shown in Fig. 6.81.

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6.3.4 Projected monthly minimum temperature change under RCP4.5 for the year 2050

6.3.4.1 Projected minimum temperature change for January for the year 2050

The minimum temperature for January is projected to increase by 1.0-2.0°C all upazilas in Bangladesh (Table 6.6) compared to the baseline period (1971-2000) under RCP4.5 for the year 2050 as presented in Fig. 6.82.

6.3.4.2 Projected minimum temperature change for February for the year 2050

Minimum temperature for February is projected to increase by 1.5°C in almost all upazilas in Bangladesh (Table 6.6) except in some upazilas of southern part, where it is likely to increase by 0.85°C under RCP4.5 for the year 2050 as presented in Fig. 6.82.

6.3.4.3 Projected minimum temperature change for March for the year 2050

Minimum temperature for the month of March is likely to increase by 1.6°C in most of the upazilas in Bangladesh (Table 6.6) except in a few upazilas of northwestern part, where it is projected to rise by more than 2.0°C compared to the baseline period (1971-2000) under RCP4.5 for the year 2050 as presented in Fig. 6.83.

6.3.4.4 Projected minimum temperature change for April for the year 2050

Minimum temperature during April is projected to increase by 1.4°C in a majority upazilas in Bangladesh (Table 6.6) except in a few upazilas of northwestern part, where it is likely to rise about by 1.0°C for the year 2050 as presented in Fig. 6.83.

6.3.4.5 Projected minimum temperature change for May for the year 2050

Minimum temperature for the month of May is expected to increase by 1.5°C all upazilas in Bangladesh (Table 6.6) compared to the baseline period under RCP4.5 for the year 2050 as presented in Fig. 6.84.

6.3.4.6 Projected minimum temperature change for June for the year 2050

Minimum temperature for the month of June is projected to increase by 1.5°C all upazilas in Bangladesh (Table 6.6) under RCP4.5 for the year 2050 as presented in Fig. 6.84.

6.3.4.7 Projected minimum temperature change for July for the year 2050

Minimum temperature for July is likely to increase by 1.4°C all upazilas in Bangladesh (Table 6.6) compared to the baseline period under RCP4.5 for the year 2050 as presented in Fig. 6.85.

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6.3.4.8 Projected minimum temperature change for August for the year 2050

Minimum temperature for August is expected to increase by 1.35°C all upazilas in Bangladesh (Table 6.6) compared to the baseline period for the year 2050 as presented in Fig. 6.85.

6.3.4.9 Projected minimum temperature change for September for the year 2050

Minimum temperature for September is projected to increase by 1.5°C all upazilas in Bangladesh (Table 6.6) under RCP4.5 for the year 2050 as shown in Fig. 6.86.

6.3.4.10 Projected minimum temperature change for October for the year 2050

Minimum temperature for October is likely to increase by 1.4°C all upazilas in Bangladesh (Table 6.6) compared to the baseline period under RCP4.5 for the year 2050 as shown in Fig. 6.86.

6.3.4.11 Projected minimum temperature change for November for the year 2050

Minimum temperature for November is projected to increase by 2.2°C in almost all upazilas in Bangladesh (Table 6.6) except in a few upazilas of northwestern and southern part, where the minimum temperature is likely to rise by more than 1.8°C for the year 2050 as shown in Fig. 6.87.

6.3.4.12 Projected minimum temperature change for December for the year 2050

Minimum temperature for December is expected to increase by 2.3°C in most of the upazilas in Bangladesh (Table 6.6) except in some upazilas of southern part, where the minimum temperature is projected to rise by 1.8°C for the year 2050 as shown in Fig. 6.87.

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6.3.5 Seasonal minimum temperature scenario under RCP4.5 for the year 2050

6.3.5.1 Minimum temperature scenario for pre-monsoon season for the year 2050

Pre-monsoon season in minimum temperature is projected to increase by 1.45°C all upazilas in Bangladesh (Table 6.6) for the year 2050 as shown in Fig. 6.88.

6.3.5.2 Minimum temperature scenario for monsoon season for the year 2050

Minimum temperature during monsoon season is likely to increase by 1.4°C all upazilas in Bangladesh (Table 6.6) compared to the baseline period (1971-2000) under RCP4.5 for the year 2050 as shown in Fig. 6.88.

6.3.5.3 Minimum temperature scenario for post-monsoon season for the year 2050

Post-monsoon season in minimum temperature is projected to increase on an average by more than 2.0°C over the upazilas of central part (west to east direction) in Bangladesh (Table 6.6) except in some upazilas of northern and southern part, where it is likely to rise about by 1.7°C compared to the baseline period under RCP4.5 for the year 2050 as shown in Fig. 6.89.

6.3.5.4 Minimum temperature scenario for winter season for the year 2050

Winter season in minimum temperature is expected to increase on an average by 1.5°C all upazilas in Bangladesh (Table 6.6) for the year 2050 as shown in Fig. 6.89.

6.3.6 Annual minimum temperature scenario under RCP4.5 for the year 2050

Annual minimum temperature is projected to increase by 1.5°C all upazilas in Bangladesh (Table 6.6) compared to the baseline period under RCP4.5 for the year 2050 as shown in Fig. 6.90.

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6.3.7 Projected monthly minimum temperature change under RCP4.5 for the year 2070

6.3.7.1 Projected minimum temperature change for January for the year 2070

The minimum temperature for January is projected to increase by 2.5°C in almost all upazilas in Bangladesh (Table 6.7) except in a few upazilas of southeastern part, where it is expected to rise by 1.85°C compared to the baseline period (1971-2000) under RCP4.5 for the year 2070 as presented in Fig. 6.91.

6.3.7.2 Projected minimum temperature change for February for the year 2070

Minimum temperature for February is projected to increase by 1.75°C in most of the upazilas in Bangladesh (Table 6.7) except in a few pockets upazilas of northwestern and southeastern part, where it is likely to increase by more than 2.0°C under RCP4.5 for the year 2070 as presented in Fig. 6.91.

6.3.7.3 Projected minimum temperature change for March for the year 2070

Minimum temperature for the month of March is likely to increase by 1.75°C in a majority upazilas in Bangladesh (Table 6.7) except in a few upazilas of northwestern part, where it is projected to rise by more than 2.0°C compared to the baseline period (1971-2000) under RCP4.5 for the year 2070 as presented in Fig. 6.92.

6.3.7.4 Projected minimum temperature change for April for the year 2070

Minimum temperature during April is projected to increase by 2.15°C in almost all upazilas in Bangladesh (Table 6.7) except in some upazilas of northwestern and southern part, where it is likely to rise by about 1.7°C for the year 2070 as presented in Fig. 6.92.

6.3.7.5 Projected minimum temperature change for May for the year 2070

Minimum temperature for the month of May is expected to increase by 1.6°C all upazilas in Bangladesh (Table 6.7) except in a few upazilas of western and northeastern part, where it is projected by more than 2.0°C compared to the baseline period under RCP4.5 for the year 2070 as presented in Fig. 6.93.

6.3.7.6 Projected minimum temperature change for June for the year 2070

Minimum temperature for the month of June is projected to increase by 1.7°C in most of the upazilas of western part in Bangladesh (Table 6.7) except in eastern part, where it is expected to rise by more than 2.0°C under RCP4.5 for the year 2070 as presented in Fig. 6.93.

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6.3.7.7 Projected minimum temperature change for July for the year 2070

Minimum temperature for July is likely to increase by 1.7°C all upazilas in Bangladesh (Table 6.7) compared to the baseline period under RCP4.5 for the year 2070 as presented in Fig. 6.94

6.3.7.8 Projected minimum temperature change for August for the year 2070

Minimum temperature for August is expected to increase by 1.75°C all upazilas in Bangladesh (Table 6.7) compared to the baseline period for the year 2070 as presented in Fig. 6.94.

6.3.7.9 Projected minimum temperature change for September for the year 2070

Minimum temperature for September is projected to increase by 1.7°C all upazilas in Bangladesh under RCP4.5 for the year 2070 as shown in Fig. 6.95.

6.3.7.10 Projected minimum temperature change for October for the year 2070

Minimum temperature for October is likely to increase by 2.34°C in most of the upazilas in Bangladesh (Table 6.7) except in a few upazilas of southern part, where it is projected to rise by 1.8°C compared to the baseline period under RCP4.5 for the year 2070 as shown in Fig. 6.95.

6.3.7.11 Projected minimum temperature change for November for the year 2070

Minimum temperature for November is projected to increase by 2.5°C all upazilas in Bangladesh (Table 6.7) for the year 2070 as shown in Fig. 6.96.

6.3.7.12 Projected minimum temperature change for December for the year 2070

Minimum temperature for December is expected to increase by 2.5°C all upazilas in Bangladesh (Table 6.7) compared to the baseline period for the year 2070 as shown in Fig. 6.96.

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6.3.8 Seasonal minimum temperature scenario under RCP4.5 for the year 2070

6.3.8.1 Minimum temperature scenario for pre-monsoon season for the year 2070

Pre-monsoon season in minimum temperature is projected to increase by 1.75°C in almost all upazilas in Bangladesh (Table 6.7) except in some upazilas of western and northeastern part, where it is likely to rise by more than 2.0°C for the year 2070 as shown in Fig. 6.97.

6.3.8.2 Minimum temperature scenario for monsoon season for the year 2070

Minimum temperature during monsoon season is likely to increase by 1.8°C in most of the upazilas in Bangladesh (Table 6.7) except in a few upazilas of eastern part, where it is projected by more than 2.0°C compared to the baseline period (1971-2000) under RCP4.5 for the year 2070 as shown in Fig. 6.97.

6.3.8.3 Minimum temperature scenario for post-monsoon season for the year 2070

Post-monsoon season in minimum temperature is projected to increase on an average by more than 2.4°C almost all upazilas in Bangladesh (Table 6.7) except in a few upazilas of southwestern part, where it is likely to rise by about 1.9°C compared to the baseline period under RCP4.5 for the year 2070 as shown in Fig. 6.98.

6.3.8.4 Minimum temperature scenario for winter season for the year 2070

Winter season in minimum temperature is expected to increase on an average by 2.3°C in almost all upazilas in Bangladesh (Table 6.7) except in a few upazilas of southern part, where it is likely to rise by 1.9°C for the year 2070 as shown in Fig. 6.98.

6.3.9 Annual minimum temperature scenario under RCP4.5 for the year 2070

Annual minimum temperature is projected to increase by 2.1°C in a majority upazilas in Bangladesh (Table 6.7) except in southern part, where it is expected to rise by 1.85°C compared to the baseline period under RCP4.5 for the year 2070 as shown in Fig. 6.99.

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6.3.10 Projected monthly minimum temperature change under RCP4.5 for the year 2090

6.3.10.1 Projected minimum temperature change for January for the year 2090

The minimum temperature for January is projected to increase by 2.1°C in almost all upazilas in Bangladesh (Table 6.8) except in some upazilas of northeastern and southern part, where the minimum temperature in the range of 1.0-2.0°C under RCP4.5 for the year 2090 as presented in Fig. 6.100.

6.3.10.2 Projected minimum temperature change for February for the year 2090

Minimum temperature for the month of February is expected to increase by 1.25°C all upazilas in Bangladesh (Table 6.8) for the year 2090 as presented in Fig. 6.100.

6.3.10.3 Projected minimum temperature change for March for the year 2090

Minimum temperature for the month of March is projected to increase by 2.4°C in most of the upazilas in Bangladesh (Table 6.8) except in some pockets upazilas of southwestern part, where it is likely to rise by 1.8°C under RCP 4.5 for the year 2090 as presented in Fig. 6.101.

6.3.10.4 Projected minimum temperature change for April for the year 2090

Minimum temperature for the month of April is expected to increase by 2.2°C in a majority upazilas in Bangladesh (Table 6.8) except in some upazilas of southwestern part, where the minimum temperature may rise by 1.8°C for the year 2090 as presented in Fig. 4.101.

6.3.10.5 Projected minimum temperature change for May for the year 2090

Minimum temperature for May is projected to increase by 2.3°C in almost all upazilas in Bangladesh (Table 6.8) except in some upazilas of southwestern part, where the minimum temperature may rise by 1.8°C for the year 2090 as presented in Fig. 6.102.

6.3.10.6 Projected minimum temperature change for June for the year 2090

Minimum temperature for the month of June is expected to increase by 2.3°C in most of the upazilas of northern and southeastern part of Bangladesh (Table 6.8) except in some upazilas of central to southern part, where the minimum temperature is found to be in the range of about 1.0-2.0°C in Bangladesh for the year 2090 as presented in Fig. 6.102.

6.3.10.7 Projected minimum temperature change for July for the year 2090

Minimum temperature for July is projected to increase by 1.6°C in almost all upazilas in Bangladesh (Table 6.8) except in some upazilas of northern part, where the minimum temperature is likely to change by more than 2.0°C under RCP4.5 for the year 2090 as presented in Fig. 6.103.

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6.3.10.8 Projected minimum temperature change for August for the year 2090

Minimum temperature for August is expected to increase by 1.7°C in almost all upazilas in Bangladesh (Table 6.8) except in a few upazilas of northwestern part, where the minimum temperature is projected to rise by more than 2.0°C for the year 2090 as presented in Fig. 6.103.

6.3.10.9 Projected minimum temperature change for September for the year 2090

Minimum temperature for September is projected to increase by 1.5°C in most of the upazilas in Bangladesh (Table 6.8) except in a few upazilas of northeastern parts, where the minimum temperature is likely to rise by more than 2.0°C for the year 2090 shown in Fig. 6.104.

6.3.10.10 Projected minimum temperature change for October for the year 2090

Minimum temperature for October is likely to increase by 2.3°C in a majority upazilas in Bangladesh (Table 6.8) except in a few upazilas of southwestern parts, where the minimum temperature is projected to rise by more than 1.9°C for the year 2090 as shown in Fig. 6.104.

6.3.10.11 Projected minimum temperature change for November for the year 2090

Minimum temperature for November is expected to increase by 1.5°C all upazilas in Bangladesh (Table 6.8) compared to the baseline period for the year 2090 as shown in Fig. 6.105.

6.3.10.12 Projected minimum temperature change for December for the year 2090

Minimum temperature for December is projected to increase by 1.3°C in almost all upazilas in Bangladesh (Table 6.8) except in some upazilas of eastern part, where the minimum temperature is likely to rise by 0.8°C under RCP4.5 for the year 2090 as shown in Fig. 6.105.

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6.3.11 Seasonal minimum temperature scenario under RCP4.5 for the year 2090

6.3.11.1 Minimum temperature scenario for pre-monsoon season for the year 2090

Pre-monsoon season in minimum temperature is likely to increase by 2.3°C in almost all upazilas in Bangladesh (Table 6.8) except in some upazilas of southwestern part, where the minimum temperature is projected to rise by 1.85°C for the year 2090 as shown in Fig. 6.106.

6.3.11.1 Minimum temperature scenario for monsoon season for the year 2090

Monsoon season in minimum temperature is projected to increase by 1.6°C in most of the upazilas in Bangladesh (Table 6.8) except in some upazilas of northern part, where the minimum temperature is expected to rise by more than 2.0°C for the year 2090 as shown in Fig. 6.106.

6.3.11.1 Minimum temperature scenario for post-monsoon season for the year 2090

Post-monsoon season in minimum temperature is likely to increase by 2.1°C in a majority upazilas in Bangladesh except in some upazilas of southern part, where the minimum temperature is expected to increase by 1.8°C compared to baseline period for the year 2090 as shown in Fig. 6.107.

6.3.11.1 Minimum temperature scenario for winter season for the year 2090

Winter season in minimum temperature is projected to increase by 1.4°C all upazilas in Bangladesh (Table 6.8) compared to baseline period for the year 2090 as shown in Fig. 6.107.

6.3.12 Annual minimum temperature scenario under RCP4.5 for the year 2090

Annual minimum temperature is expected to increase by 1.8°C in almost all upazilas in Bangladesh (Table 6.8) except in some upazilas of northern part, where the annual minimum temperature is projected to rise by more than 2.0°C, for the year 2090 as shown in Fig. 6.108.

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CHAPTER 7

PROJECTED CHANGE IN NUMBER OF RAINY DAYS VULNERABILITY MAP FOR 487 UPAZILAS IN BANGLADESH UNDER RCP4.5 SCENARIO

7.1 Projected change in number of rainy days' vulnerability map under RCP4.5

7.1.1 Monthly projected change in number of rainy days' vulnerability map under RCP4.5 for the year 2030

7.1.1.1 Change in number of rainy days for the month of January for the year 2030

Number of rainy days is an indicator of distribution of rainfall when seen with the amount of rainfall during a year. No considerable change in the number of rainy days is likely in a majority of upazilas in Bangladesh. The number of rainy days is expected to decrease in a few upazilas of Sylhet regions under RCP4.5 for January for the year 2030 as shown in Fig. 7.1.

7.1.1.2 Change in number of rainy days for the month of February for the year 2030

The number of rainy days are expected to be received in fewer days in a majority upazilas in Bangladesh. The number of rainy days is expected to increase in some isolated upazilas of southern part, and in some upazilas of western, northwestern, central and southern part is likely to remain about the same under RCP4.5 for the month of February for the year 2030 as presented in Fig. 7.1.

7.1.1.3 Change in number of rainy days for the month of March for the year 2030

The number of rainy days are expected to be reduced in all upazilas in Bangladesh compared to number of long period rainy days (1971-2000) under RCP4.5 for the month of March for 2030 as presented in Fig. 7.2.

7.1.1.4 Change in number of rainy days for the month of April for the year 2030

The rainfall is expected to be received in fewer days in some upazilas of western and southern part. The number of rainy days is expected to increase in a fewer upazilas in isolated places in Bangladesh and to remain about the same in the upazilas of northern, eastern as well as some upazilas of southeastern part under RCP4.5 for the month of April for 2030 as shown in Fig. 7.2.

7.1.1.5 Change in number of rainy days for the month of May for the year 2030

The number of rainy days is expected to increase in a fewer upazilas of northern part and in some pockets upazilas in southern part in Bangladesh is likely to remain about the same. The number of rainy days is likely to decrease in the upazilas of southeastern part and in some pockets upazilas in different places over Bangladesh under RCP4.5 for May for 2030as shown in Fig. 7.3.

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7.1.1.6 Change in number of rainy days for the month of June for the year 2030

The rainfall is expected to be received in fewer days in a majority upazilas of western part. The number of rainy days is expected to increase in northeastern part and some isolated upazilas in the southeastern part in Bangladesh and to remain about the same in the upazilas of north-south narrow part and some upazilas in the southeastern part under RCP4.5 during June for 2030 as presented in Fig. 7.3.

7.1.1.7 Change in number of rainy days for the month of July for the year 2030

The number of rainy days are expected to be received in more days over the upazila of southern parts and to remain about the same over the upazilas of northern part in Bangladesh and number of rainy days are expected to be received in fewer days in some upazilas of Chapai Nawabganj zila (Rajshahi regions) under RCP4.5 for July for the year 2030 as shown in Fig. 7.4.

7.1.1.8 Change in number of rainy days for the month of August for the year 2030

The number of rainy days are projected to remain about the same in almost all upazilas in Bangladesh except in some upazilas of western part and some isolated upazilas of central part as well as southeastern part, where the number of rainy days is expected to be received in more days under RCP4.5 during August for the year 2030 as presented in Fig. 7.4.

7.1.1.9 Change in number of rainy days for the month of September for the year 2030

The number of rainy days are expected to be received in fewer days in almost all upazilas in Bangladesh except in some pockets upazilas in southeastern part, where the number of rainy days are projected to remain about the same under RCP4.5 for September for 2030 as shown in Fig. 7.5.

7.1.1.10 Change in number of rainy days for the month of October for the year 2030

The number of rainy days are expected to be received in more days in almost all upazilas in Bangladesh except in some upazilas of northwestern and southeastern part, where the number of rainy days are likely to remain about the same under RCP4.5 for October for 2030 as shown in Fig. 7.5.

7.1.1.11 Change in number of rainy days for the month of November for the year 2030

The number of rainy days are expected to be received in fewer days in most of the upazilas in Bangladesh except in some upazilas of northwestern and southeastern part. Northwestern and in some pockets upazilas of northeastern part, where the number of rainy days are projected to remain about the same and some isolated upazilas of northwestern and southeastern part, where the number of rainy days are expected to be received in more days under RCP4.5 during Number for 2030 as presented in Fig. 7.6.

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7.1.1.12 Change in number of rainy days for the month of December for the year 2030

The number of rainy days are projected to remain about the same in most of the upazilas in Bangladesh except in a few upazilas of southern part and northeastern part. In a few upazilas of southern part, the number of rainy days are likely to be received in more days and in the upazilas of southeastern part is expected to be received in fewer days under RCP4.5 during December for 2030 as shown in Fig. 7.6.

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7.1.2 Seasonal projected change in number of rainy days' vulnerability map under RCP4.5 for the year 2030

7.1.2.1 Change in number of rainy days for pre-monsoon season for the year 2030

The number of rainy days is expected to be received in fewer days (decrease) in almost all upazilas in Bangladesh except in some upazilas of northern part and in some pockets upazilas of western and southeastern part (Khagrachhari zila), where the number of rainy days are projected to remain about the same under RCP4.5 for pre-monsoon season for 2030 as presented in Fig. 7.7.

7.1.2.2 Change in number of rainy days for monsoon season for the year 2030

The number of rainy days are projected to remain about the same in most of the upazilas in Bangladesh except in the upazilas of northwestern part, where the number of rainy days are expected to be received in a fewer day (i.e. decrease) and in a few upazilas of Khagrachhari zila and in some isolated upazilas of eastern part, the number of rainy days is likely to be received in more days (increase) under RCP4.5 during monsoon season for 2030 as shown in Fig. 7.7.

7.1.2.3 Change in number of rainy days for post-monsoon season for the year 2030

The number of rainy days are projected to be received in more days (i.e. increase) in almost all upazilas in Bangladesh except in some upazilas of northwestern, northeastern and southeastern part, where the number of rainy days are expected to remain about the same and in some isolated upazils (Tetulia) under Panchagarh, number of rainy days are likely to be received in fewer days (decrease) under RCP4.5 for post-monsoon season for 2030 as presented in Fig. 7.8.

7.1.2.4 Change in number of rainy days for winter season for the year 2030

The number of rainy days are projected to remain about the same in most of the upazilas in Bangladesh except in the upazilas of central, northeastern and some pockets upazilas in different places. Over the upazilas of central, northeastern and in some pockets upazilas in different places, where the number of rainy days are expected to be received in fewer days (decrease) and in some isolated upazilas in southern part, the number of rainy days are likely to be received in more days (increase) under RCP4.5 for winter season for 2030 as presented in Fig. 7.8.

7.1.3 Annual projected change in number of rainy days' vulnerability map under RCP4.5 for the year 2030

The number of rainy days are projected to remain about the same in almost all upazilas in Bangladesh except in the upazilas of northwestern part, where the number of rainy days are excepted to be received in fewer days under RCP4.5 during annual for 2030 as shown in Fig. 7.9.

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7.1.4 Monthly projected change in number of rainy days' vulnerability map under RCP4.5 for the year 2050

7.1.4.1 Change in number of rainy days for the month of January for the year 2050

Number of rainy days is projected to remain about the same in most of the upazilas in Bangladesh except in some upazilas of northwestern, southwestern, northeastern and southeastern part, where the number of rainy days is expected to be received in more days compared to the baseline period (1971-2000) under RCP4.5 for January for 2050 as shown in Fig. 7.10.

7.1.4.2 Change in number of rainy days for the month of February for the year 2050

The number of rainy days are expected to remain about the same in a majority upazilas in Bangladesh. The number of rainy days is projected to be received in fewer days in the upazilas of central to western, southeastern, northwestern, and northeastern part and in some isolated upazilas of southeastern and northwestern parts, where the number of rainy days is likely to be received in more days (increase) under RCP4.5 for the month of February for the year 2050 as presented in Fig. 7.10.

7.1.4.3 Change in number of rainy days for the month of March for the year 2050

The number of rainy days are expected to be reduced in all upazilas in Bangladesh compared to the baseline period rainy days (1971-2000) under RCP4.5 for the month of March for 2050 as presented in Fig. 7.11.

7.1.4.4 Change in number of rainy days for the month of April for the year 2050

The number of rainy days are expected to be received in more days (increasing) in almost all upazilas in Bangladesh except in some pockets upazilas of the central as well as southeastern part, where the number of rainy days is expected no considerable change and in some isolated upazilas of southeastern part, the number of rainy days are projected to be received in fewer days (decreasing) under RCP4.5 for the month of April for 2050 as shown in Fig. 7.11.

7.1.4.5 Change in number of rainy days for the month of May for the year 2050

The number of rainy days are expected to remain about the same in a majority upazilas in Bangladesh. In some isolated upazilas of western part, where the number of rainy days is projected to be received in more days (increasing) and a few upazilas of northern and southeastern part are likely to experience in fewer rainy days (decreasing) under RCP4.5 for May for 2050 as shown in Fig. 7.12.

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7.1.4.6 Change in number of rainy days for the month of June for the year 2050

The rainy days for June are expected to be received in more days in a majority upazilas in Bangladesh except in some upazilas of southeastern part, where the number of rainy days are projected to remain about the same under RCP4.5 for 2050 as presented in Fig. 7.12.

7.1.4.7 Change in number of rainy days for the month of July for the year 2050

The number of rainy days are expected to be received in more days (increasing) all upazilas in Bangladesh compared to the baseline period of rainy days (1971-2000) under RCP4.5 for July for the year 2050 as shown in Fig. 7.13.

7.1.4.8 Change in number of rainy days for the month of August for the year 2050

The number of rainy days are projected to be received in more days (increasing) in most of the upazilas in Bangladesh except in some upazilas of southeastern and northern part, where the number of rainy days are expected to remain about the same under RCP4.5 during August for the year 2050 as presented in Fig. 7.13.

7.1.4.9 Change in number of rainy days for the month of September for the year 2050

The number of rainy days are expected to be received in more days in almost all upazilas in Bangladesh except in the upazilas of southern and in some pockets upazilas of northeastern and northwestern part, where the number of rainy days are projected to remain about the same under RCP4.5 for September for 2050 as shown in Fig. 7.14.

7.1.4.10 Change in number of rainy days for the month of October for the year 2050

The number of rainy days are projected to remain about the same in most of the upazilas in Bangladesh except in the upazilas of southeastern and in some pockets upazilas of northern part. Over the upazilas of southeastern part, where the number of rainy days are expected to be received in fewer days and some pockets upazilas of northern part, are likely to experience more-rainy days under RCP4.5 for October for 2050 as shown in Fig. 7.14.

7.1.4.11 Change in number of rainy days for the month of November for the year 2050

The number of rainy days are expected to be received in more days over the upazilas of southern part of Bangladesh except in some upazilas of northwestern and northeastern part. Over the upazilas of northwestern and northeastern part and in some pockets upazilas of western part, where the number of rainy days are projected to be received in fewer days and western part and some pockets upazilas of central part, are likely to remain about the same under RCP4.5 during Number for 2050 as presented in Fig. 7.15.

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7.1.4.12 Change in number of rainy days for the month of December for the year 2050

The number of rainy days are projected to remain about the same in almost all upazilas in Bangladesh except in a few upazilas of southwestern and northeastern part. In a few upazilas of southwestern part, the number of rainy days are likely to be received in more days and in the upazilas of northeastern part is expected to be received in fewer days under RCP4.5 during December for 2050 as shown in Fig. 7.15.

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7.1.5 Seasonal projected change in number of rainy days' vulnerability map under RCP4.5 for the year 2050

7.1.5.1 Change in number of rainy days for pre-monsoon season for the year 2050

The number of rainy days is expected to remain about the same in most of the upazilas in Bangladesh except in the upazilas of southeastern, southwestern and northwestern part. In the upazilas of southwestern and northwestern part, where the number of rainy days are projected to be received in more days and southeastern part and in some isolated upazilas are likely to be received in fewer days (decreasing) under RCP4.5 for pre-monsoon season for 2050 as presented in Fig. 7.16.

7.1.5.2 Change in number of rainy days for monsoon season for the year 2050

The number of rainy days are projected to be received in more days in almost all upazilas in Bangladesh except in the upazilas of southeastern part, where the number of rainy days are expected to remain about the same under RCP4.5 during monsoon season for 2050 as shown in Fig. 7.16.

7.1.5.3 Change in number of rainy days for post-monsoon season for the year 2050

The number of rainy days are projected to remain about the same in almost all upazilas in Bangladesh except in some isolated and pockets upazilas. Some isolated upazilas of western part, the number of rainy days are expected to be received in more days (i.e. increasing) and some pockets upazilas of eastern part of Bangladesh are likely to be received in fewer days (decreasing) under RCP4.5 for Post-monsoon season for 2050 as presented in Fig. 7.17.

7.1.5.4 Change in number of rainy days for winter season for the year 2050

The number of rainy days are projected to remain about the same in most of the upazilas in Bangladesh except in some upazilas of the central, southwestern, northwestern, northeastern and southeastern parts. Over the upazilas of central, northwestern part and in some pockets upazilas in different places, where the number of rainy days are expected to be received in fewer days and in some upazilas of southwestern, northwestern, northeastern and southeastern parts are likely to be received in more-rainy days (increasing) under RCP4.5 for winter season for 2050 as presented in Fig. 7.17.

7.1.6 Annual projected change in number of rainy days' vulnerability map for the year 2050

The number of rainy days are projected to be received in more days in almost all upazilas in Bangladesh except in some upazilas of southeastern part as well as in some isolated upazilas of northeastern, and northwestern part, where the number of rainy days are excepted to remain about the same under RCP4.5 during annual for 2050 as shown in Fig. 7.18.

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7.1.7 Monthly projected change in number of rainy days' vulnerability map under RCP4.5 for the year 2070

7.1.7.1 Change in number of rainy days for the month of January for the year 2070

Number of rainy days is projected to remain about the same in most of the upazilas in Bangladesh except in some upazilas of northeastern part, where the number of rainy days is expected to be received in fewer days compared to the baseline period of rainy days (1971-2000) under RCP4.5 for January for 2070 as shown in Fig. 7.19.

7.1.7.2 Change in number of rainy days for the month of February for the year 2070

The number of rainy days are expected to be received in fewer days (decreasing) in most of the upazilas in Bangladesh except in some upazilas of northern part, where the number of rainy days is projected to remain about the same and some pockets upazilas of northwestern part are likely to be received in more days (increasing) under RCP4.5 for the month of February for the year 2070 as presented in Fig. 7.19.

7.1.7.3 Change in number of rainy days for the month of March for the year 2070

The number of rainy days are expected to be reduced in all upazilas in Bangladesh compared to the baseline period rainy days (1971-2000) under RCP4.5 for the month of March for 2070 as presented in Fig. 7.20.

7.1.7.4 Change in number of rainy days for the month of April for the year 2070

The number of rainy days are expected to be received in fewer days (decreasing) in the upazilas of western part in Bangladesh except in some pockets upazilas of western, eastern as well as southeastern part. Over the upazilas of eastern as well as southeastern part, where the number of rainy days is expected to remain about the same and in some pockets upazilas in different places are projected to be received in more-rainy days (increasing) under RCP4.5 for the month of April for 2070 as shown in Fig. 7.20.

7.1.7.5 Change in number of rainy days for the month of May for the year 2070

The number of rainy days are expected to be received in more days (increasing) in almost all upazilas in Bangladesh except in some pockets upazilas of southern part, where the number of rainy days is projected to be received in fewer days (decreasing) and a few upazilas of southern part are likely to experience to remain about the same under RCP4.5 for May for 2070 as shown in Fig. 7.21.

7.1.7.6 Change in number of rainy days for the month of June for the year 2070

The rainy days for June are expected to be received in more days over the upazilas of southeastern part in Bangladesh. The rainy days in the upazilas of central part are projected to

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remain about the same and over the upazilas of northwestern as well as some isolated upazilas of central part are likely to be received in fewer days (decreasing) under RCP4.5 for 2070 as presented in Fig. 7.21.

7.1.7.7 Change in number of rainy days for the month of July for the year 2070

The number of rainy days are expected to be received in more days (increasing) all upazilas in Bangladesh compared to the baseline period of rainy days (1971-2000) under RCP4.5 for July for the year 2070 as shown in Fig. 7.22.

7.1.7.8 Change in number of rainy days for the month of August for the year 2070

The number of rainy days are projected to be received in more days (increasing) in most of the upazilas in Bangladesh except in some upazilas of northwestern and in some isolated upazilas, where the number of rainy days are expected to remain about the same under RCP4.5 during August for the year 2070 as presented in Fig. 7.22.

7.1.7.9 Change in number of rainy days for the month of September for the year 2070

The number of rainy days are expected to be received in fewer days (decreasing) in almost all upazilas in Bangladesh except in the upazilas of northwestern and in some pockets upazilas of western as well as northeastern part, where the number of rainy days are projected to remain about the same under RCP4.5 for September for 2070 as shown in Fig. 7.23.

7.1.7.10 Change in number of rainy days for the month of October for the year 2070

The number of rainy days are projected to be received in fewer days (decreasing) in all upazilas in Bangladesh compared to the baseline period of rainy days under RCP4.5 for October for 2070 as shown in Fig. 7.23.

7.1.7.11 Change in number of rainy days for the month of November for the year 2070

The number of rainy days are expected to be received in more days (increasing) in all upazilas in Bangladesh relative to 1971-2000 under RCP4.5 during Number for 2070 as presented in Fig. 7.24.

7.1.7.12 Change in number of rainy days for the month of December for the year 2070

The number of rainy days are projected to remain about the same in almost all upazilas in Bangladesh except in a few upazilas of northeastern part. In a few upazilas of northeastern part, the number of rainy days are likely to be received in fewer days (decreasing) under RCP4.5 during December for 2070 as shown in Fig. 7.24.

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7.1.8 Seasonal projected change in number of rainy days' vulnerability map under RCP4.5 for the year 2070

7.1.8.1 Change in number of rainy days for pre-monsoon season for the year 2070

The number of rainy days is expected to be received in more days (increasing) in almost all upazilas in Bangladesh except in some upazilas of southern, northwestern and northeastern part. Over the upazilas of southern part, the number of rainy days are projected to be received in fewer days (decreasing) and in the upazilas of upper southern part, northeastern and northwestern parts, rainy days are likely to remain about the same under RCP4.5 for pre-monsoon season for 2070 as presented in Fig. 7.25.

7.1.8.2 Change in number of rainy days for monsoon season for the year 2070

The number of rainy days are projected to be received in more days in most of the upazilas in Bangladesh except in the upazilas of southern and northern part, where the number of rainy days are expected to remain about the same under RCP4.5 during monsoon season for 2070 as shown in Fig. 7.25.

7.1.8.3 Change in number of rainy days for post-monsoon season for the year 2070

The number of rainy days are projected to be received in fewer days (decreasing) in almost all upazilas in Bangladesh except in some isolated upazilas, where the number of rainy days are expected to remain about the same under RCP4.5 for post-monsoon season for 2070 as presented in Fig. 7.26.

7.1.8.4 Change in number of rainy days for winter season for the year 2070

The number of rainy days are projected to be received in fewer days (decreasing) in almost all upazilas in Bangladesh except in some upazilas of northern part, where the number of rainy days are expected to remain about the same under RCP4.5 for winter season for 2070 as presented in Fig. 7.26.

7.1.9 Annual projected change in number of rainy days' vulnerability map under RCP4.5 for the year 2070

The number of rainy days are projected to remain about the same in most of the upazilas in Bangladesh except in some upazilas of western and some pockets upazilas in northwestern and southern part. Some upazilas of western part and in some isolated upazilas, where the rainy days are excepted to be received in more days and some pockets upazilas in northwestern part are likely to be received in fewer days under RCP4.5 during annual for 2070 as shown in Fig. 7.27.

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7.1.10 Monthly projected change in number of rainy days' vulnerability map under RCP4.5 for the year 2090

7.1.10.1 Change in number of rainy days for the month of January for the year 2090

Number of rainy days is projected to remain about the same in most of the upazilas in Bangladesh except in some upazilas of northeastern and western part, where the number of rainy days is expected to be received in more days (increasing) compared to the baseline period of rainy days (1971-2000) under RCP4.5 for January for 2090 as shown in Fig. 7.28.

7.1.10.2 Change in number of rainy days for the month of February for the year 2090

The number of rainy days are expected to be received in more days (increasing) in most of the upazilas in Bangladesh except in some upazilas of northwestern part and some pockets upazilas, where the number of rainy days is projected to remain about the same under RCP4.5 for the month of February for the year 2090 as presented in Fig. 7.28.

7.1.10.3 Change in number of rainy days for the month of March for the year 2090

The number of rainy days are expected to be received in more days (increasing) in most of the upazilas in Bangladesh except in some pockets upazilas of southern and northwestern part. Some pockets upazilas of southern and northwestern part, where the rainy days are projected to remain about the same and at the same places of some pockets upazilas are also likely to be reduced in fewer days under RCP4.5 for the month of March for 2090 as presented in Fig. 7.29.

7.1.10.4 Change in number of rainy days for the month of April for the year 2090

The number of rainy days are expected to be received in fewer days (decreasing) in almost all upazilas in Bangladesh except in some pockets upazilas of northeastern part, where the number of rainy days is expected to remain about the same under RCP4.5 for the month of April for 2090 as shown in Fig. 7.29.

7.1.10.5 Change in number of rainy days for the month of May for the year 2090

The number of rainy days are expected to be received in fewer days (decreasing) in most of the upazilas in Bangladesh except in some pockets upazilas of southern, northwestern and western part, where the number of rainy days is projected to remain about the same and in some pockets upazilas of southern parts are also likely to be received in more-rainy days under RCP4.5 for May for 2090 as shown in Fig. 7.30.

7.1.10.6 Change in number of rainy days for the month of June for the year 2090

The rainy days for June are expected to be received in more days in almost all upazilas in Bangladesh except in some upazilas of central and northwestern part, where the rainy days are

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projected to remain about the same and in some isolated upazilas of western part are also experienced to be reduced rainy days under RCP4.5 for 2090 as presented in Fig. 7.30.

7.1.10.7 Change in number of rainy days for the month of July for the year 2090

The number of rainy days are expected to be received in more days (increasing) in most of the upazilas in Bangladesh except in some pockets upazilas of northwestern part, where the rainy days are projected to remain about the same under RCP4.5 for July for the year 2090 as shown in Fig. 7.31.

7.1.10.8 Change in number of rainy days for the month of August for the year 2090

The number of rainy days are projected to be received in more days (increasing) over the upazilas of southern part of Bangladesh except in some upazilas of northern part, where the number of rainy days are expected to remain about the same under RCP4.5 during August for the year 2090 as presented in Fig. 7.31.

7.1.10.9 Change in number of rainy days for the month of September for the year 2090

The number of rainy days are expected to be received in fewer days (decreasing) over the upazilas of southern part in Bangladesh except in some upazilas of western and northern part. In some upazilas of western part, where the number of rainy days are projected to remain about the same and in the upazilas of northern part are also likely to be received in more-rainy days under RCP4.5 for September for 2090 as shown in Fig. 7.32.

7.1.10.10 Change in number of rainy days for the month of October for the year 2090

The number of rainy days are projected to be received in more days (increasing) in all upazilas in Bangladesh compared to the baseline period of rainy days under RCP4.5 for October for 2090 as shown in Fig. 7.32.

7.1.10.11 Change in number of rainy days for the month of November for the year 2090

The number of rainy days are expected to be received in more days (increasing) in most of the upazilas in Bangladesh except in some pockets upazilas of western and northern part, where the rainy days are projected to be reduced in fewer days and at the same places in some pockets upazilas are also likely to remain about the same under RCP4.5 during Number for 2090 as presented in Fig. 7.33.

7.1.10.12 Change in number of rainy days for the month of December for the year 2090

The number of rainy days are projected to remain about the same in almost all upazilas in Bangladesh except in a few upazilas of eastern part, where the rainy days are likely to be

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received in more days (increasing) under RCP4.5 during December for 2090 as shown in Fig. 7.33.

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7.1.11 Seasonal projected change in number of rainy days' vulnerability map under RCP4.5 for the year 2090

7.1.11.1 Change in number of rainy days for pre-monsoon season for the year 2090

The number of rainy days is expected to be received in fewer days (decreasing) in almost all upazilas in Bangladesh except in some upazilas of southern, northwestern and northeastern part, where the number of rainy days are projected to remain about the same under RCP4.5 for pre-monsoon season for 2090 as presented in Fig. 7.34.

7.1.11.2 Change in number of rainy days for monsoon season for the year 2090

The number of rainy days are projected to be received in more days (increasing) in most of the upazilas in Bangladesh except in some upazilas of southeastern, northwestern part as well as some isolated upazilas, where the number of rainy days are expected to remain about the same under RCP4.5 during monsoon season for 2090 as shown in Fig. 7.34.

7.1.11.3 Change in number of rainy days for post-monsoon season for the year 2090

The number of rainy days are projected to be received in more days (increasing) in all upazilas in Bangladesh compared to the baseline period of rainy days (1971-2000) under RCP4.5 for post-monsoon season for 2090 as presented in Fig. 7.35.

7.1.11.4 Change in number of rainy days for winter season for the year 2090

The number of rainy days are projected to be received in more days (increasing) in almost all upazilas in Bangladesh except in some upazilas of northwestern and in some pockets upazilas of central parts, where the number of rainy days are expected to remain about the same under RCP4.5 for winter season for 2090 as presented in Fig. 7.35.

7.1.12 Annual projected change in number of rainy days' vulnerability map for the year 2090

The number of rainy days are projected to be received in more days (increasing) in a majority upazilas in Bangladesh except in the upazilas of southeastern, central and in some pockets upazilas of northwestern parts, where the rainy days are excepted to remain about the same under RCP4.5 during annual for 2090 as shown in Fig. 7.36.

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CHAPTER 8

MAKING A VULNERABILITY MAP FOR 487 UPAZILAS IN BANGLADESH BY USING NDVI, TCI, VCI

8.1 Discussion on NDVI

In order to monitor spatial extent of agricultural drought, long term NDVI has been used in this study. This index is useful for estimation of biomass potential measuring leaf area index (LAI) and production pattern. Over the years, NDVI has been successfully used by many researchers in different studies based on vegetation phenology, vegetation classification and mapping of continental land cover. NDVI is suitable for monitoring drought, estimating healthy status of vegetation, crop growth conditions and crop yields. The basic concept of NDVI is based on the fact that internal mesophyll structure of healthy green leaves reflects Near-Infrared (NIR) radiation whereas the leaf chlorophyll and other pigments absorb a large proportion of the red visible (VIS) radiation. This function of internal leaf structure becomes reversed in case of unhealthy or water stressed vegetation.

$$NDVI = (NIR-VIS)/(NIS+VIS)$$

NDVI is calculated by the difference between reflectance in near infrared (NIR) and visible red (VIS) brand of electromagnetic spectrum. The value of NDVI ranges between -1 and +1. NDVI has been accepted as a popular index for monitoring agricultural drought, estimating soil moisture and vegetation condition. However, the utility of NDVI for studying vegetation and related issues may be constrained by several sources of error that usually occur due to atmospheric noise and many other reason like satellite orbit drift, satellite change and sensor degradations. Since weather related NDVI fluctuations cannot be detected easily, the ecological component must be separated from the impact of weather for estimating the actual conditions of vegetation health. In this context, suggested Vegetation Condition Index (VCI) for identifying drought related vegetation stress and measuring the intensity, duration, dynamics and impacts of drought on overall vegetation condition.

NOAA-AVHRR based NDVI has been successfully used for global long term vegetation trends, categorization and quantification of vegetative drought and estimating the drought vulnerability. Long term (2007-2018) satellite data from NOAA-AVHRR have been used in the present study to compute VCI for monitoring the agricultural drought.

8.2 NDVI, VCI, TCI and crops monitoring

Long term NDVI for rain-fed season (July-September) was used in this study. Through NDVI has been used by many authors for studying drought, it has been recommended by a number of studies to use VCI rather using NDVI alone. The stacked NDVI layers were visualized to identify agricultural vigor and differences in vegetation health and TCI during excess, drought and normal rainfall year as shown in Fig. 8.1 and 8.2. In order to assess the performance of NOAA-AVHRR derived NDVI for excess, drought and normal rainfall year were chosen for

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their distinct NDVI characteristics. While visually comparing the NDVI with VCI and TCI for excess, drought and normal rainfall year. We have selected very recent excess, drought and normal rainfall year to see the comparing the NDVI, VCI and TCI.

Excess rainfall year: 2017

NDVI is a simple graphical indicator that can be used to analyse remote sensing measurements and assess whether the target being observed contains live green vegetation or not. Moderate difference in agricultural vigour was noticed by NDVI at most of the upazilas over central, western as well as southeastern part and no change in agricultural vigour is also observed in some isolated upazilas, agricultural vigour was decreased over the upazilas of northwestern, northeastern and southeastern during excess rainfall year in 2017 as shown in Fig. 8.1. It may decrease in agricultural vigour due to river flood over the upazilas of northwestern, northeastern and southeastern part, it was seen decreased may be forest.

VCI has not seen drought most of the upazilas and mild to moderate drought has also observed in some isolated upazilas of northwestern, northeastern and southeastern part during excess rainfall year in 2017. VCI is very similar to NDVI as presented in Fig 8.1.
TCI and VCI showed almost similar pattern as shown in Fig. 8.2.

Drought Year:2018

NDVI showed, moderate difference in agricultural vigour was observed in almost all upazilas in Bangladesh except in some upazilas of southeastern, northeastern and in some isolated upazilas at different places, it prevailed no good (decrease) agricultural vigour during drought year in 2018 as shown in Fig. 8.2

VCI showed no drought in a majority upazilas in Bangladesh except in some isolated upazilas of western, central and southeastern part, where it prevailed moderate drought in 2018 as presented in Fig. 8.3.

TCI also showed no drought almost all upazilas, except in some upazilas of northern and western part, where it is noticed mild to moderate drought in 2018 as shown in Fig. 8.3. TCI is also similar to VCI.

Normal rainfall Year: 2016

Moderate agricultural progress was observed by NDVI almost all upazilas in Bangladesh except in a few upazilas of southern, western and northern part, it was noticed that no good (decrease) as well as on change agricultural vigour during normal rainfall year in 2016 as shown in Fig. 8.4

VCI vulnerability map has shown no drought in a majority upazilas in Bangladesh except in some upazilas of southern, central and northwestern part, where it has seen mild to moderate drought during normal rainfall year in 2016 as presented in Fig. 8.4

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TCI map has also shown no drought in almost all upazilas, except in some upazilas of central, northwestern, northeastern and southeastern part, it was observed mild to moderate drought during normal rainfall year in 2016 as shown in Fig. 8.5. It is also similar with VCI.

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CHAPTER 9

VULNERABILITY MAP BASED ON P/PET IN BANGLADESH

9.1 Present vulnerability map based on P/PET

9.1.1 Monthly vulnerability map based on P/PET

9.1.1.1 Vulnerability map for the month of Jan.-May and Oct.-Dec. based on P/PET

A risk-based assessment approach based on the assumption that the ratio of precipitation (P) to potential evapotranspiration (PET) provides a simple index of water supply. PET sets a theoretical upper limit on plant water use (transpiration) and evaporative losses and is driven by climatic factors (e.g., air temperature, solar radiation, wind speed, etc.). Because plant physiognomy affects water use, PET is usually referenced to specific vegetation types (e.g., forest vs. grass) (Allen et al. 1994). When P is greater than PET, excess water is available for streamflow and groundwater recharge. This excess water provides surface water and groundwater recharge for potential human use, and supports aquatic ecosystems.

Using a ratio of P and PET as an index of vulnerability, risk for both ecosystem services and ecological flows in areas where P/PET is less than 1 would increase if P decreases (Fig. 9.1-9.3 and 9.5-9.6). In contrast, areas where P/PET is considerably higher than 1 may be less vulnerable to lower P and higher PET, but could in some cases be more vulnerable if higher P is associated with more extreme rainfall and flooding.

In areas where P/PET is near 1 (in Bangladesh), direct and indirect climatic changes can tip the P/PET balance in either direction. If large deviations from a P/PET ratio near 1 have been historically infrequent, then neither aquatic organisms nor socioeconomic systems may have the capacity to withstand extreme events (droughts, heavy rainfall), and they may be at even greater risk to climate change than areas that have developed under frequently dry (P<PET) or frequently wet (P>PET) conditions.

9.1.1.2 Vulnerability map for June-September based on P/PET

P/PET map is useful for crops in Bangladesh, western part has the highest risk for detrimental effects of lower precipitation and extended droughts as per figure for the month of June as shown in 9.3. Some areas in the western part already employ conservation, storage, to meet current needs and offset current risks, although these measures are unlikely to be sufficient to offset the effects of climate change. In contrast, other areas, where P/PPT is considerably higher than 1, have much lower risk from higher temperature and lower precipitation, because P is already in excess for the month of June-September (Fig. 9.3-9.5). However, these areas may have higher risk from extreme rainfall events that increase flood frequency and severity as shown in Fig. 9.4.

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9.1.2 Seasonal vulnerability map based on P/PET

A ratio of P and PET as an index of vulnerability, where P/PET is less than 1 would increase if P decreases for pre-monsoon, post-monsoon and winter seasons (Fig. 9.7-9.8). In contrast, areas where P/PET is considerably higher than 1 may be less vulnerable to lower P and higher PET (over the upazilas of southeastern and northeastern part for the above seasons), but could in some cases be more vulnerable if higher P is associated with more extreme rainfall and flooding like northeastern and some in southern part upazilas as well as in some pockets upazilas at different places in Bangladesh, where the more rainfall gets in monsoon season as shown in Fig. 9.7.

9.1.3 Annual vulnerability map based on P/PET

P/PET is less than 1 in some pockets upazilas at different places in Bangladesh, where may be less vulnerable to lower P as shown in Fig. 9.9. P/PPT is considerably higher than 1, have much lower risk from higher temperature and lower precipitation, because P is already in excess. However, these areas may have higher risk from extreme rainfall events that increase flood frequency and severity.

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9.2 Projected vulnerability map based on P/PET for the mid-century (2021-2050)

9.2.1 Projected monthly vulnerability map based on P/PET for the mid-century (2021-2050)

9.2.1.1 Monthly vulnerability map based on P/PET for the mid-century (2021-2050)

A risk-based assessment approach based on the assumption that the ratio of precipitation (P) to potential evapotranspiration (PET) provides a simple index of water supply for agriculture. In Bangladesh, the Aus crop is either direct seeded and transplanted under rainfed and/or irrigated conditions, when rain is not available. The Aman crop includes broadcast Aman (B. Aman) and transplanted Aman (T. Aman). The transplanted Aman crops are grown mostly under rainfed conditions. However, recently supplemental irrigation, especially during reproductive phases, has become increasingly popular. Traditionally, T. Aman occupied the largest rice harvested area. The broadcasting Aman is mostly planted in deeply flooded lowland areas. In this respect, January to May and Oct. to Dec. is not important for rainfed crops. There is an important from June-September month for rainfed crops.

In June, P/PET value is less than 1 in some pockets upazilas under Rangamati, and Moulvibazar zila, because P decreases over this area and could be more risk due to higher temperature and lower precipitation during mid-century. P/PET values are expected from 1.0-2.0 in most of the upazilas in Bangladesh except in some upazilas of northwestern and northeastern parts, where would not be more risk in near future under RCP4.5. Some upazilas of northwestern and northeastern parts, where P/PET values are projected from 2.0-4.0, there would be no risk in mid-century as shown in Fig. 9.12.

In July, P/PET value is less than 2 in some upazilas of Sylhet and Rangamati zilas, where is expected more risk than the others region of Bangladesh because P decreases over this area due to climate change during mid-century under RCP4.5 as shown in Fig. 9.13.

In August, P/PET values are expected less than 1 over the upazilas of Sylhet regions, where would be more risk to lower P and higher PET than the other regions under RCP4.5 during mid-century as presented in Fig. 9.13.

In September, P/PET values are expected less than 1 over the upazilas of Sylhet and Panchagarh zilas, where would be more risk than the others region of Bangladesh because P decreases over this area due to climate change during mid-century under RCP4.5 as shown in Fig. 9.14.

9.2.2 Projected seasonal vulnerability map based on P/PET for the mid-century (2021-2050)

P/PET as an index of vulnerability, where P/PET is less than 1 would increase if P decreases for pre-monsoon, post-monsoon and winter seasons. In contrast, areas where P/PET is considerably higher than 1 may be less vulnerable to lower P and higher PET and in some cases be more vulnerable if higher P is associated with more extreme rainfall and flood. In monsoon season, in the upazilas of northeastern part (Moulvibazar zila), where P/PET is expected by less

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than 1 and it may be more vulnerable than the others region under RCP4.5 for the mid-century as shown in Fig. 9.16.

9.2.3 Projected annual vulnerability map based on P/PET for the mid-century (2021-2050)

P/PET is less than 1 in some upazilas of northeastern, southeastern hilly region as well as northwestern (Panchagarh zila) in Bangladesh, where it is expected to more risk area than the others part under RCP4.5 as shown in Fig. 9.18. P/PPT is higher than 1, have much lower risk from higher temperature and lower precipitation, because P is already in excess during the mid-century.

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9.3 Projected vulnerability map based on P/PET for the last-century (2071-2100)

9.3.1 Projected monthly vulnerability map based on P/PET for the last-century (2071-2100)

9.3.1.1 Vulnerability map based on P/PET for the last-century (2071-2100)

The ratio of precipitation (P) to potential evapotranspiration (PET) provides a simple index of water supply for agriculture risk assessment. The transplanted Aman crops are grown mostly under rainfed conditions in Bangladesh. In this context, January to May and October to December is not important for rainfed crops. There is an important from June-September months for rainfed crops in the country.

In June, P/PET value is expected less than 1 in the upazilas of Moulvibazar zila, because P decreases over this area and could be more risk due to higher temperature and lower precipitation during the last-century. P/PET values are expected from 1.0-5.0 in most of the upazilas in Bangladesh except in some upazilas of northeastern part, where would not be risk in last- century under RCP4.5 as shown in Fig. 9.21.

In July, P/PET value is projected by more than 2 in all upazilas of Bangladesh, where is expected no risk because P increases most of the part for the last-century under RCP4.5 as shown in Fig. 9.22.

In August, P/PET values are expected less than 1 over the upazilas of Sylhet- Moulvibazar regions in Bangladesh, where would be more risk to lower P and higher PET than the other regions under RCP4.5 during last-century as presented in Fig. 9.22.

In September, P/PET values are expected less than 1 over the upazilas of northeastern part (Sylhet-Moulvibazar- Sunamganj regions) and in a few upazilas of northwestern part (Panchagarh zilas), where would be more risk than the others region of Bangladesh because P decreases over this area due to climate change during last-century under RCP4.5 as shown in Fig. 9.23.

9.3.2 Projected seasonal vulnerability map based on P/PET for the last-century (2071-2100)

P/PET is an index of vulnerability, where P/PET is less than 1 if P decreases for pre-monsoon, post-monsoon and winter seasons. In contrast, areas where P/PET is considerably higher than 1 may be less vulnerable to lower P and higher PET and in some cases be more vulnerable if higher P is associated with more extreme rainfall and flood. In monsoon season, in the upazilas of northeastern part (Sylhet-Moulvibazar zilas), where P/PET is expected is less than 1 and it may be more vulnerable than the others region under RCP4.5 for the last-century as shown in Fig. 9.25.

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9.3.3 Projected annual vulnerability map based on P/PET for the last-century (2071-2100)

P/PET is less than 1 in some upazilas of northeastern, southeastern hilly region as well as northwestern part (Panchagarh zila) in Bangladesh, where it is expected to more risk area than the others parts under RCP4.5 as shown in Fig. 9.27. P/PPT is higher than 1, have much lower risk from higher temperature and lower precipitation, because P is already in excess during the last-century.

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CHAPTER 10

CONCLUSIONS

This study has been conducted with the aim to identify the natural and climate induced vulnerability for present and future climate change of the upazilas level to determine the highest vulnerable areas and provide the intervention benefits of the formers against various degrees of risk and vulnerability. Following are the major conclusions based on the study presented below:

(i) This study, shows that most of the cyclone hit around Chottagram-Feni coast and these coastal areas was observed as at very high risk. On the other hand, only high risk shows in Barguna-Patuakhali-Noakhali-Bhola coast, whereas Khulna coast areas show low risk area, and other areas show very low to no risk. Upazilas affected by the cyclone at different intensities in the above-areas.

(ii) Haor region is found very high to high risk area for flash flood. On the other hand, only high risk area is noticed over the upazilas under Madaripur, Shariatpur, Rajbari, Faridpur, Manikganj, Jamalpur and Gaibandha zilas. The rest of the zilas are comparatively less vulnerable.

(iii) The study observes that very high vulnerable area for cold wave in the upazilas under Rajshahi-Dinajpur regions. The upazilas under Chuadanga, Meherpur, Kushtia, Natore, Bogura, Guaibandha, Rangpur, Kurigram, Nilphamri, Lalmonirhat and Moulvibazar zilas are high vulnerable area. The rest locations (upazilas) is found to be low to moderate vulnerable area for cold wave stress.

(iv) High to very high heat wave vulnerable area is observed in the upazilas in the western part; most of the upazilas are found to be low to moderate heat wave vulnerable area in Bangladesh except the southern parts costal area; the latter region, is classed as no heat waves vulnerable area.

(v) High to very high salinity intrusion is observed over almost all upazilas under Satkhira, Khulna, Barguna, Pirojpur, Jhalokati, Patuakhali, Bhola Noakhali and Cox's Bzar zilas and low to moderate over the upazilas under Narial, Gopalganj, Madaripur, Shariatpur, Chanpur, Lakshimpur, Feni and Chittagong zilas.

(vi) The produced vulnerable map with respect to storm surge inundation, the designates very high category upazilas in the mid-southern and southeast part (Patuakhali, Bhola, Noakhali, Chattogram zilas) and high category upazilas in the Satkhira, Khulna, Bagerhat, Chandpur, Lakshimipur, Barishal, Bhola, Narsingdi, Cox's Bazar, Shariatpur, zilas; the rest coastal locations (upazilas) are classed as low to moderate vulnerable.

(vii) With respect to the amount of 1-day maximum rainfall, very high risk area is categorized for some upazilas in the southeastern part of Chattogram and Bhola zilas, high risk area is found to be in some upazilas of Mymensingh, Chattogram. Noakhali, Sylhet and Dinajpur zilas, and low to moderate risk area in other locations; this categorization has been based on observed rainfall (BMD data). Using gridded Aphrodite rainfall data, high to very high risk areas have been designated for some upazilas of Sylhet, Sunamganj and Cox's Bazar zilas, whereas,

low to moderate risk areas is demarked over the upazilas of southern and northeastern, Bangladesh and the rest of the upazilas (notably western part) classed as low risk area. With CRU rainfall data, upazilas under Noakhali, Bhola, Sunamganj and Sylhet zilas belonged to very high to high risk areas, whereas, study locations of southeast to central part is designated to be low to moderate risk area. The risk categorization using CRU rainfall was similar to that using the Aphrodite gridded rainfall data-source.

(viii) Vulnerability Index (SPI) based on monsoon drought analysis using observed gridded Aphrodite rainfall, indicates the prevalence of severe to extremely dry conditions in most of the upazilas over southern and western part of Bangladesh; some upazilas of northwest and some isolated upazilas of eastern part showed mild wet conditions, whereas extreme wet conditions were seen in some upazilas of Sylhet region. Furthermore, mild dry conditions prevailed in some pocket upazilas of northern part of Bangladesh. The gridded Aphrodite rainfall based SPI was very similar to observed rainfall.

(ix) Vulnerability Index (SPI) based on monsoon seasonal drought frequency is likely to decrease over northwest upazilas of Bangladesh under RCP4.5. Mild to moderate drought conditions would prevail over northwest upazilas of Bangladesh. But in 2050 in southern regional upazilas are projected to experience mild to moderate wet conditions and central to northern (including Chapai Nawabganj, Rajshahi, Meherpur and Chuadanga zilas) upazilas to experience severe to extreme wet conditions in 2050. In monsoon season, mild wet conditions are projected to occur in most of the upazilas in Bangladesh except in some upazilas of western part (Rajshahi regions), it is likely to occur moderate to severe wet conditions in 2070. Under RCP4.5, severe to extreme wet conditions are projected to increase in almost all upazilas (central to southern part) for monsoon season in 2090, whereas, mild to moderate wet conditions are likely to occur over northern upazilas as the same period.

(x) Monthly rainfall is expected to decrease by more than -10% in most of the months except in January, May, July, August, October and December, where July and October is likely to increase by more than 10% and in rest of the months is projected to remain the same in most of the upazilas in 2030. Seasonal rainfall is likely to decrease by more than -10% during pre-monsoon and winter season; monsoonal and post-monsoonal rainfall is expected to rise or stay normal for most of the upazilas compared to the baseline period. Annual rainfall is expected to normal in most of the upazilas under RCP4.5 in 2030.

(xi) During 2050, monthly rainfall is projected to remain the same in most of the months except in March, April, June, July, August and September, where March is expected to decrease by more than -10% and in rest of the months is likely to increase by more than 10% in most of the upazilas in 2050. Seasonal rainfall is likely to remain the same during pre-monsoon, post-monsoon and winter season; the monsoonal rainfall is expected to rise by more than 10% for most of the upazilas compared to the baseline period. Annual rainfall is expected to increase by more than 10% in most of the upazilas under RCP4.5 in 2050.

(xii) Monthly rainfall is expected to decrease by more than -10% in most of the months except in May, July, August and November, where it is likely to increase by more than 10% in most of the upazilas in 2070. Seasonal rainfall is likely to decrease by more than -10% during post-monsoon and winter season; pre-monsoonal and monsoonal rainfall is expected to rise or stay normal for most of the upazilas compared to the baseline period. Annual rainfall is expected to normal in most of the upazilas under RCP4.5 in 2070.

(xiii) Monthly rainfall is likely to increase by more than 10% in most of the months except in March, April, June, and December, where it is likely to decrease by more than -10% in most of the upazilas in 2090. Seasonal rainfall is likely to increase by more than 10% during monsoon, post-monsoon and winter seasons; the pre-monsoonal rainfall is expected to decrease for most of the upazilas compared to the baseline period. Annual rainfall is expected to increase in most of the upazilas under RCP4.5 in 2090.

(xiv) Monthly maximum temperature is projected to increase between 0.3 to 1.8^{o}C under RCP4.5. The highest increase in maximum temperature in March is projected by about 1.8^{o}C in the upazilas of northeastern part (Sylhet region), Bangladesh. Seasonal maximum temperature is expected to rise in the range of 0.9-1.8^{o}C, 0.8-1.3^{o}C, 0.9-1.4^{o}C and 1.0-1.7^{o}C for pre-monsoon, monsoon, post-monsoon and winter season, respectively. Annual maximum temperature is projected to rise, on an average by 1.3^{o}C for the year 2030. Similarly, monthly minimum temperature is expected to rise by 0.2 to 1.9^{o}C. The highest minimum temperature in December and February is expected to increase by 1.3^{o}C over northwestern upazilas (Kurigram region). Seasonal minimum temperature is projected to rise in the range of 0.7 to 1.6^{o}C, 0.7 to 1.3^{o}C, 0.4 to 0.9^{o}C and 0.7 to 1.7^{o}C for pre-monsoon, monsoon, post-monsoon and winter season, respectively. Annual minimum temperature is likely to increase, on an average by 1.1^{o}C under RCP4.5 in 2030.

(xv) The change of maximum temperature in various months at different upazilas is projected to increase by about 0.5 to 2.0^{o}C for the year 2050. The highest increase in maximum temperature in March is projected by about 2.0^{o}C over northwestern upazilas. Seasonal maximum temperature is likely to increase in the range of 1.3-1.7^{o}C, 1.1-1.8^{o}C, 1.5-2.2^{o}C and 1.1-1.7^{o}C for pre-monsoon, monsoon, post-monsoon winter season, respectively. Annual maximum temperature is projected to increase, on an average by 1.6^{o}C under RCP4.5. Similarly, minimum temperature change in different months are expected to rise by 1.0 to 2.6^{o}C over Bangladesh. The highest in minimum temperature could increase by 2.6^{o}C in December over western upazilas (Rajshahi region). The rate of increase in seasonal minimum temperature can occur in the range of 1.1-1.7^{o}C, 1.2-1.7^{o}C, 1.4-2.0^{o}C and 1.2-2.0^{o}C for pre-monsoon, monsoon, post-monsoon winter season, respectively and annual minimum temperature, on an average may increase by 1.6^{o}C for 2050.

(xvi) The projected increase in monthly maximum temperature could be between 1.1 to 3.2^{o}C for 2070. The highest increase in maximum temperature in March is expected to be about 2.9^{o}C over northeastern upazilas of Bangladesh. Seasonal maximum temperature is expected to rise in the range of 1.5-2.4^{o}C, 1.2-2.0^{o}C, 1.7-2.4^{o}C and

1.8-2.7°C for pre-monsoon, monsoon, post-monsoon and winter season, respectively under RCP4.5 and annual maximum temperature, on an average may increase by 2.1°C for 2070. Similarly, monthly minimum temperature is projected to increase by 1.3 to 2.9°C. The highest in minimum temperature in December has been observed to be 2.9°C over northeastern upazilas. Seasonal minimum temperature may vary from 1.5-2.2°C, 1.5-2°C, 1.8-2.7°C and 1.8-2.5°C for pre-monsoon, monsoon, post-monsoon and winter season, respectively and annual minimum temperature, on an average may increase by 2.1°C for 2070.

(xvii) Change of maximum temperature in various months at different upazilas are projected by about 0.3-3.0°C. The highest maximum temperature is found to be 3.0°C in March over northwestern upazilas (Thakurgaon region) for 2090. Seasonal maximum temperature is likely to increase in the range of 1.8-3.0°C, 1.4-2.5°C, 1.3-2.5°C and 0.9-1.8°C for pre-monsoon, monsoon, post-monsoon, winter season, respectively and annual maximum temperature, on an average may be increased by 1.9°C for 2090. On the other hand, the minimum temperature, is expected to rise by 0.9 to 2.5°C in various months at different upazilas. The highest minimum temperature is projected to be 2.8°C in March over northeastern upazilas (Sylhet region) for 2090. The rate of increase in seasonal minimum temperature may vary from 1.6-2.5°C, 1.3-2.1°C, 1.7-2.2°C and 1.1-1.6°C for pre-monsoon, monsoon, post-monsoon and winter season, respectively and annual minimum temperature, on an average may increase by 1.9°C for 2090.

(xviii) The number of rainy days is an indicator of distribution of rainfall when viewed in conjunction with the amount of rainfall during a year. No considerable change is observed in the number of rainy days across the months except for July and October, in this two months' rainfall is expected to be more frequent in most of the upazilas under RCP4.5. The number of rainy days is expected to increase in post-monsoon and decrease in pre-monsoon and winter season and no change in monsoon season and annual for 2030. No considerable change is expected in the projected number of rainy days for seven months, for the other five months (April, June, July, August, September) it is likely to increase for most of the upazilas. The rainy days for monsoon season is likely to increase and to remain about the same for pre-monsoon, post-monsoon and winter seasons and annual rainy days is also increased under RCP4.5 for the year 2050.

(xix) During 2070, the number of rainy days are expected to increase in four months (May, July, August and November) and decrease in four months (February, March, September, October) and in rest of the months to remain about the same under RCP4.5. The frequency of rainy days for pre-monsoon and monsoon season is likely to increase, and post-monsoon and winter season may decrease. Annually, the rainy days is projected to remain the same in 2070. Under RCP4.5, the rainy days are expected to be received in more days in various months except in some months (January, April, May, September and December). The rainy days of April and May are likely to decrease and in rest of the month to remain the same in 2090. The rainy days are projected to increase in monsoon, post-monsoon and winter season;

whereas, in pre-monsoon season it is expected to decrease and annual frequency of rainy days is likely to increase under RCP4.5 for 2090.

(xx) The ratio of precipitation (P) to potential evapotranspiration (PET) provides a simple index of water supply for agriculture risk assessment. P/PET map shows in the upazilas of western part (Rajshahi regions) of Bangladesh has the highest risk for detrimental effects of lower precipitation and extended droughts as per figure for the month of June. P/PET is considerably higher than 1 may be less vulnerable to lower P and higher PET and in some cases be more vulnerable if higher P is associated with more extreme rainfall and flood. P/PPT is considerably higher than 1, have much lower risk from higher temperature and lower precipitation, because P is already in excess for the month of July-September in Bangladesh using historical data of NorESM. In monsoon season, northeastern upazilas (Moulvibazar region), where P/PET is expected by less than 1 and it may be vulnerable than the others region under RCP4.5 for the mid-century (2021-2050). Similarly, in monsoon season, northeastern upazilas (Sylhet-Moulvibazar region) where P/PET is projected by less than 1 and it may also vulnerable than the others region under RCP4.5 for the last-century (2071-2100).

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APPROACHES TO CLIMATE CHANGE ADAPTATION, MITIGATION IN AGRICULTURE

Crop adaptation strategies:

Planting drought resistant/tolerant crop varieties: Emphasis on more drought resistant/tolerant crops in drought-prone areas could help in reducing vulnerability to climate change. For example, wheat requires significantly less irrigation water compared to dry season rice. Farmers can use drought-resistant/tolerant crop varieties in drought-prone area to the climate change in Bangladesh.

Planting saline resistant/ tolerant crop varieties in coastal area: Salinity contribute significantly to the development of saline soil are, tidal flooding during wet season (June-October), direct inundation by saline water, and upward or lateral movement of saline ground water during dry season (November-May). The severity of salinity problem in Bangladesh increases with the desiccation of the soil. It affects crops depending on degree of salinity at the critical stages of growth, which reduces yield and in severe cases total yield is lost. So, salt-tolerant rice can survive and grow at the level of salinity that has affected both the soil and the groundwater in some of the coastal districts.

Crop diversification: Diversification towards high value crops is feasible in the medium to long term. Crop diversity is a high priority adaptation measure in both irrigated and non-irrigated areas. In Bangladesh, food crops may be replaced cash crops, and more resilient crop varieties may be introduced in the vulnerable upazilas in Bangladesh.

Change in cropping pattern: Climate change adversely affects crop production through long-term alterations in rainfall resulting in changes in cropping pattern. It is noted that the trend of uncertainties in extreme weather events had generally increased within the recent past years.

Mixed cropping: Mixed cropping involves growing two or more crops in proximity in the same field. The system is commonly practiced in Africa, Tanzania where cereals (maize, sorghum), legumes (beans) and nuts (groundnuts) are grown together. The advantages of mixing crops with varying attributes are in terms of maturity period (e.g. maize and beans), drought tolerance (maize and sorghum), input requirements (cereals and legumes) and end users of the product (e.g. maize as food and sunflower for cash). The planting of different varieties of the same crop is considered to be one of the most important adaptations. Different planting dates are also considered an important adaptation in many counties like Egypt, Kenya and Senegal.

Improved irrigation efficiency: Success of climate change adaptation depends on availability of fresh water in drought-prone areas. It should be emphasized that most adaptation methods provide benefits to the farmers, such as improved irrigation efficiency. As water becomes a limiting factor, improved irrigation efficiency will become an important adaptation tool, especially in dry season, because irrigation practices for dry area are water intensive. Climate

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change is expected to result in decreased fresh water availability (surface and groundwater) and reduced soil moisture during the dry season, while the crop water demand is expected to increase because of increased evapo-transpiration caused by climate change and the continuous introduction of high-yielding varieties and intensive agriculture. So there is needed of water harvesting and storage to cushion the effects of rainfall variability for dry region in Bangladesh.

Adopting soil conservation measures that conserve soil moisture for dry regions: Soil conservation techniques are increasingly practiced in many African countries like Burkina Faso, Kenya etc. To ensure proper timing of different farming activities, burying of crop residues to replenish soil fertility, burning crop residues to enhance quick release of nutrients and allowing livestock to graze on farmlands after harvesting crops so as to improve soil organic matter. Many farmers would love to use contour ridges as a strategy to minimize soil erosion to encourage better root penetration and enhance moisture conservation. It is suggested that Bangladesh farmers can use of zero tilling practices in cultivation, mulching and other soil management techniques. Natural mulches moderate soil temperatures and extremes, suppress diseases and harmful pests, and conserve soil moisture. Before the advent of chemical fertilizers, local farmers largely depended on organic farming, which also is capable of reducing GHG emissions.

Haor region/Flood region:

Flash floods normally occur between mid-April to May in haor region. The following points could be very important for agriculture in flood prone areas:

- Should emphasis to develop modern Boro rice varieties which can be grown in a shorter time frame such as BRRI dhan 28 and BRRI dhan 45.
- Flood-coping strategies through the development and adoption of flood-resistant and/or flood-tolerant crop varieties.
- Flood-avoidance strategies that allow for early planting and harvesting of rice through the use of short-duration crop varieties and improved irrigation infrastructure.
- Adapting flood-prone areas to climate change will require mitigating risk through integrating “hard” flood prevention investments with “soft” investments to improve the performance of agriculture and diversify livelihoods.

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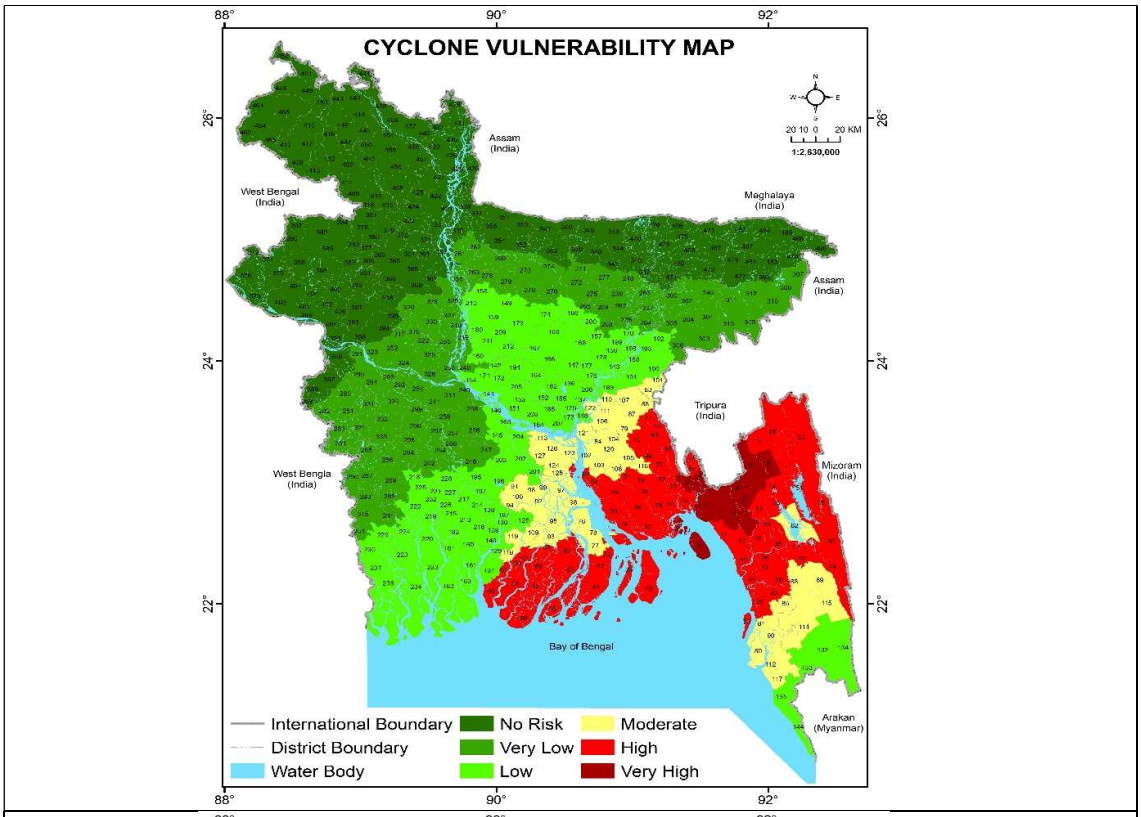
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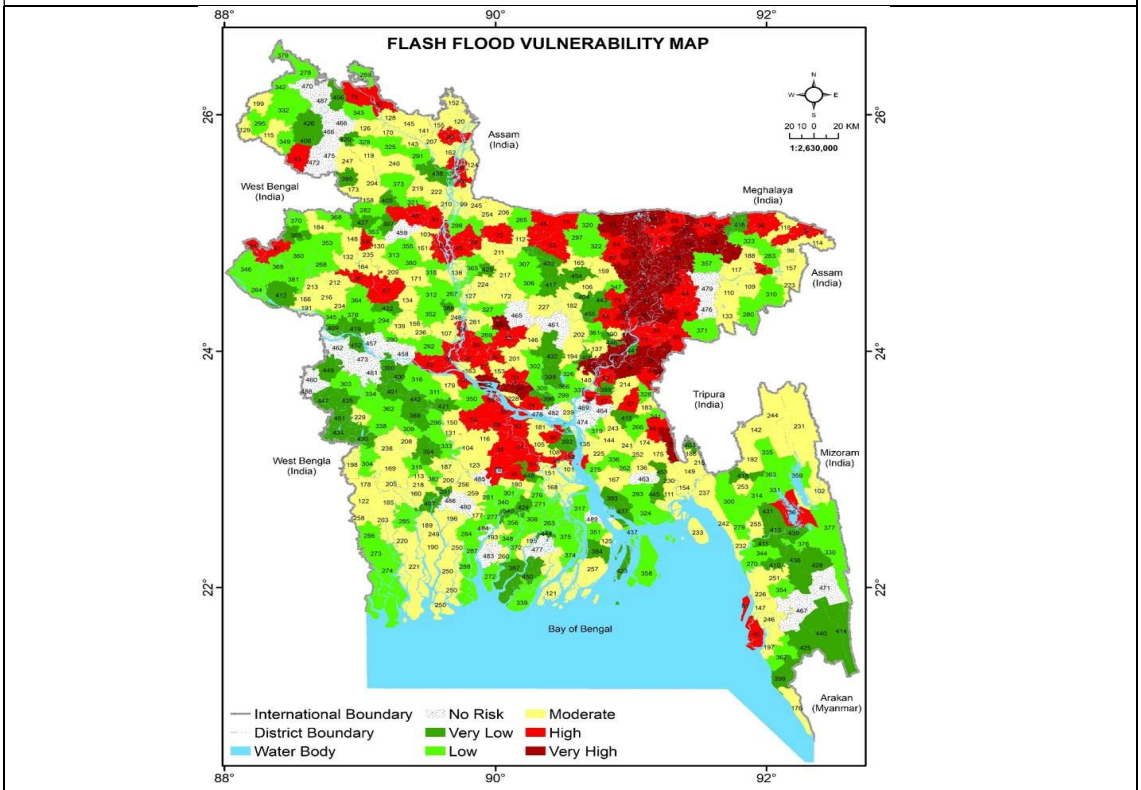
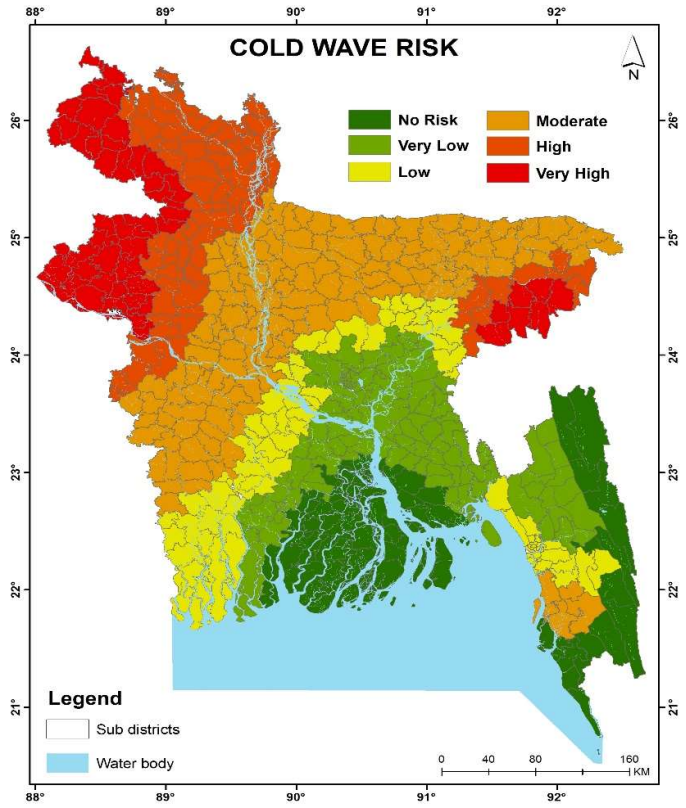


Fig. 3.1: Vulnerability Index map of cyclone (upper) and flash flood (lower) in Bangladesh.



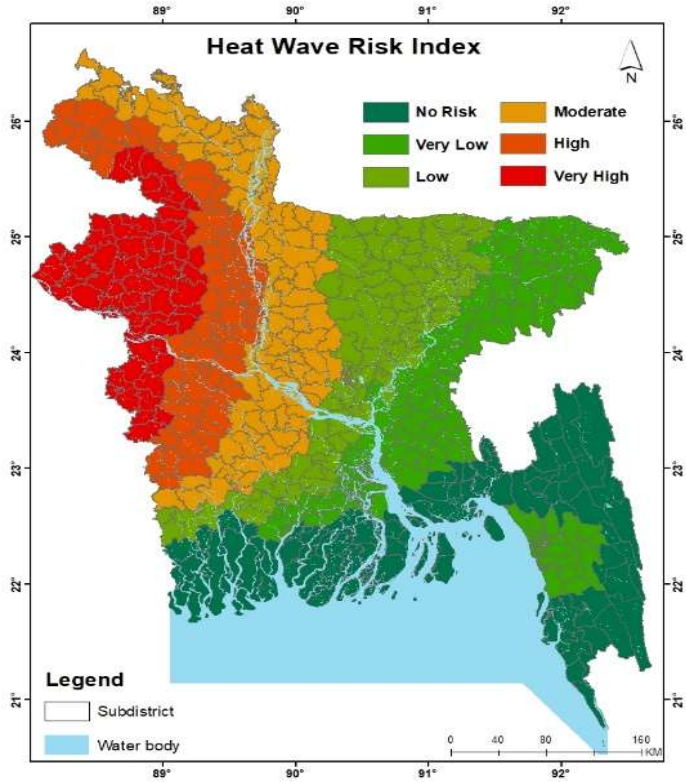


Fig. 3.2: Vulnerability Index map of cold wave (upper) and heat wave (lower) in Bangladesh.

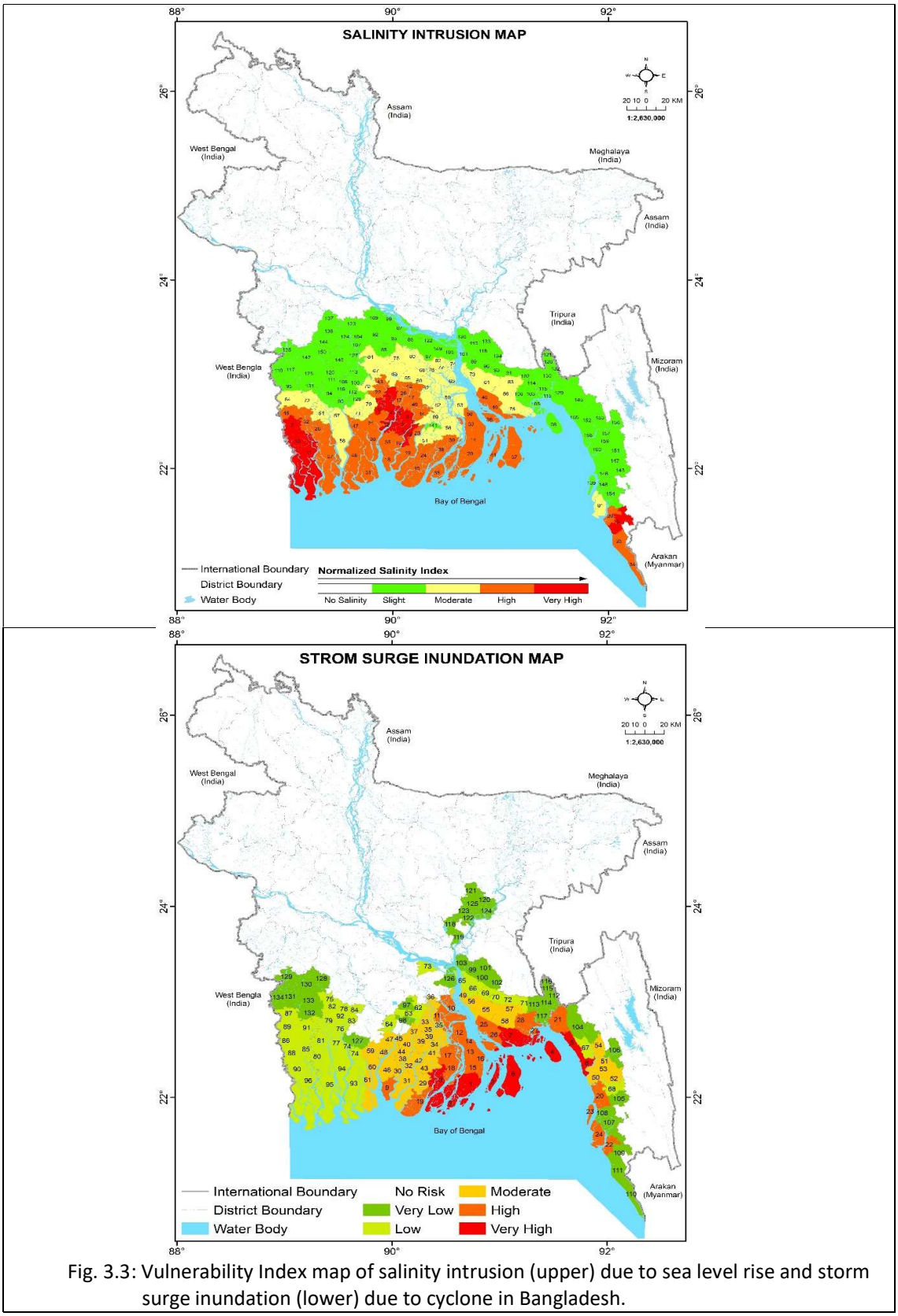


Fig. 3.3: Vulnerability Index map of salinity intrusion (upper) due to sea level rise and storm surge inundation (lower) due to cyclone in Bangladesh.

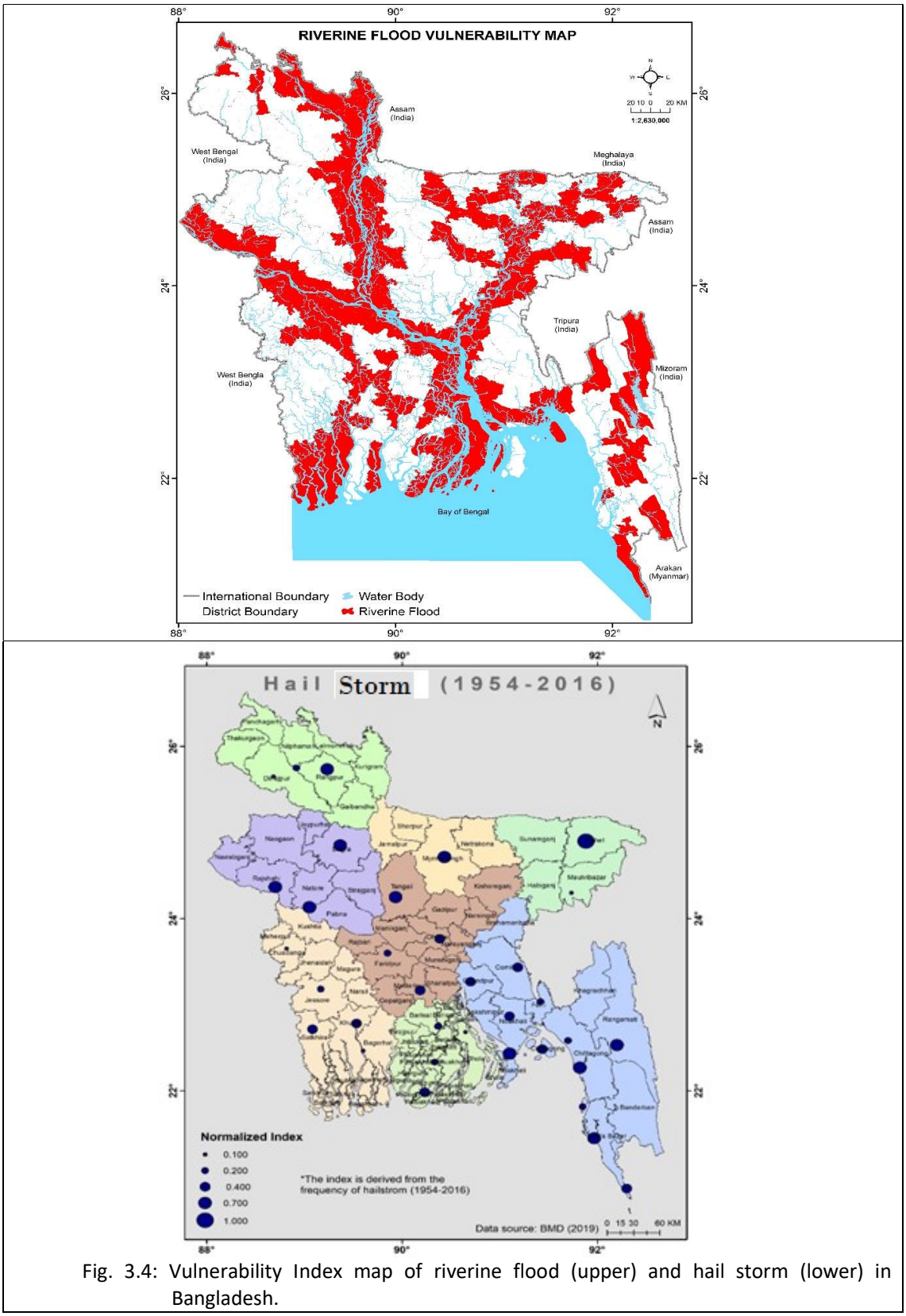


Fig. 3.4: Vulnerability Index map of riverine flood (upper) and hail storm (lower) in Bangladesh.

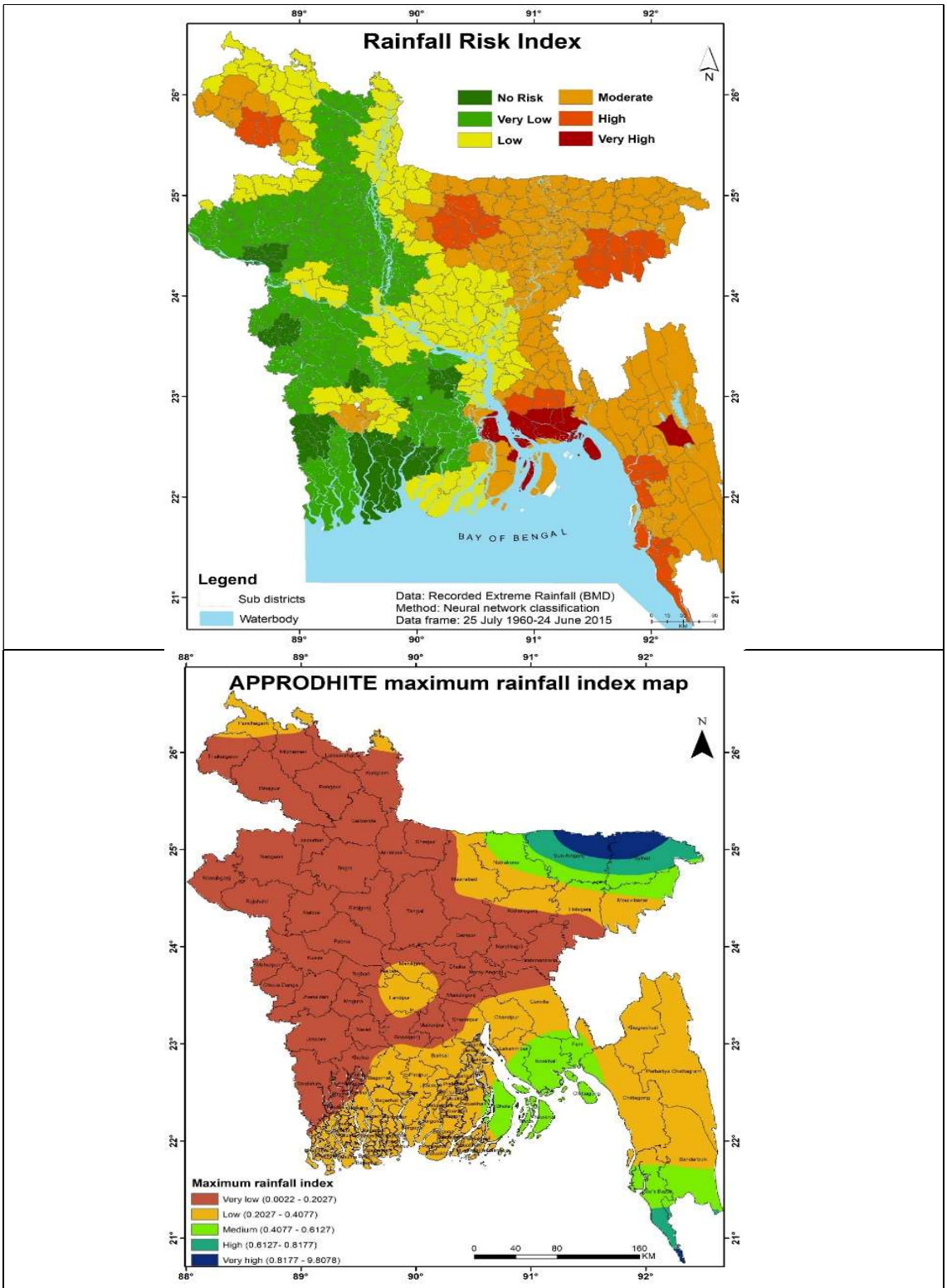


Fig. 3.5: Vulnerability Index of 1 day maximum rainfall for observed rainfall (BMD) (upper) and gridded Aphrodite rainfall (lower) in Bangladesh.

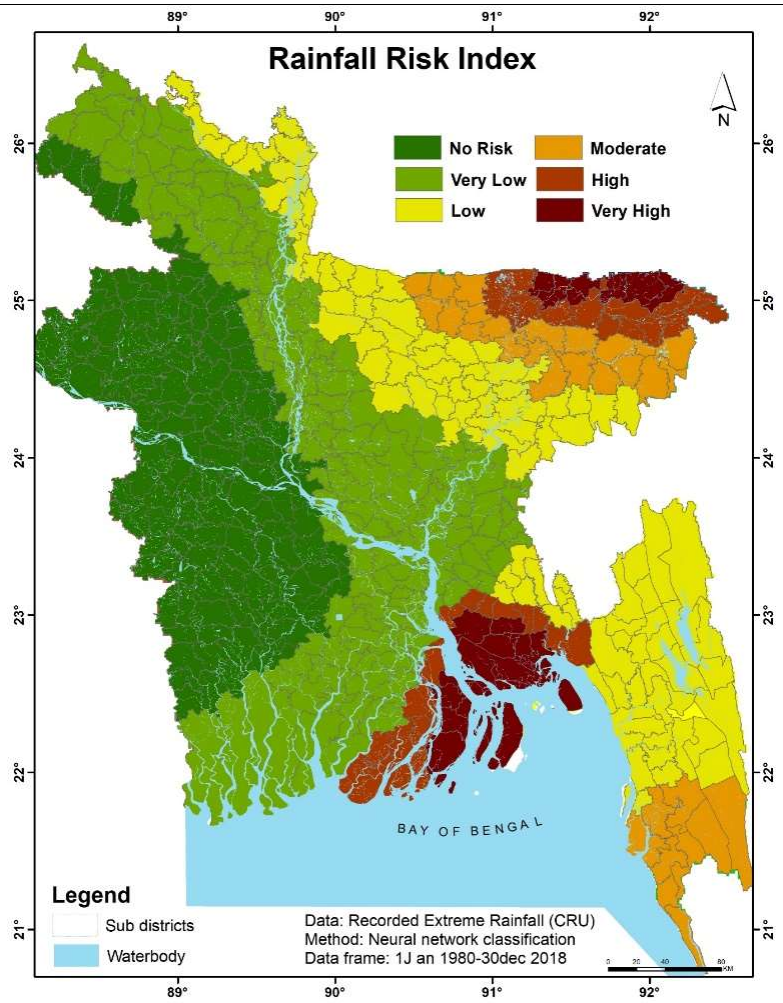


Fig. 3.6: Vulnerability Index of 1-day maximum rainfall for gridded CRU rainfall in Bangladesh.

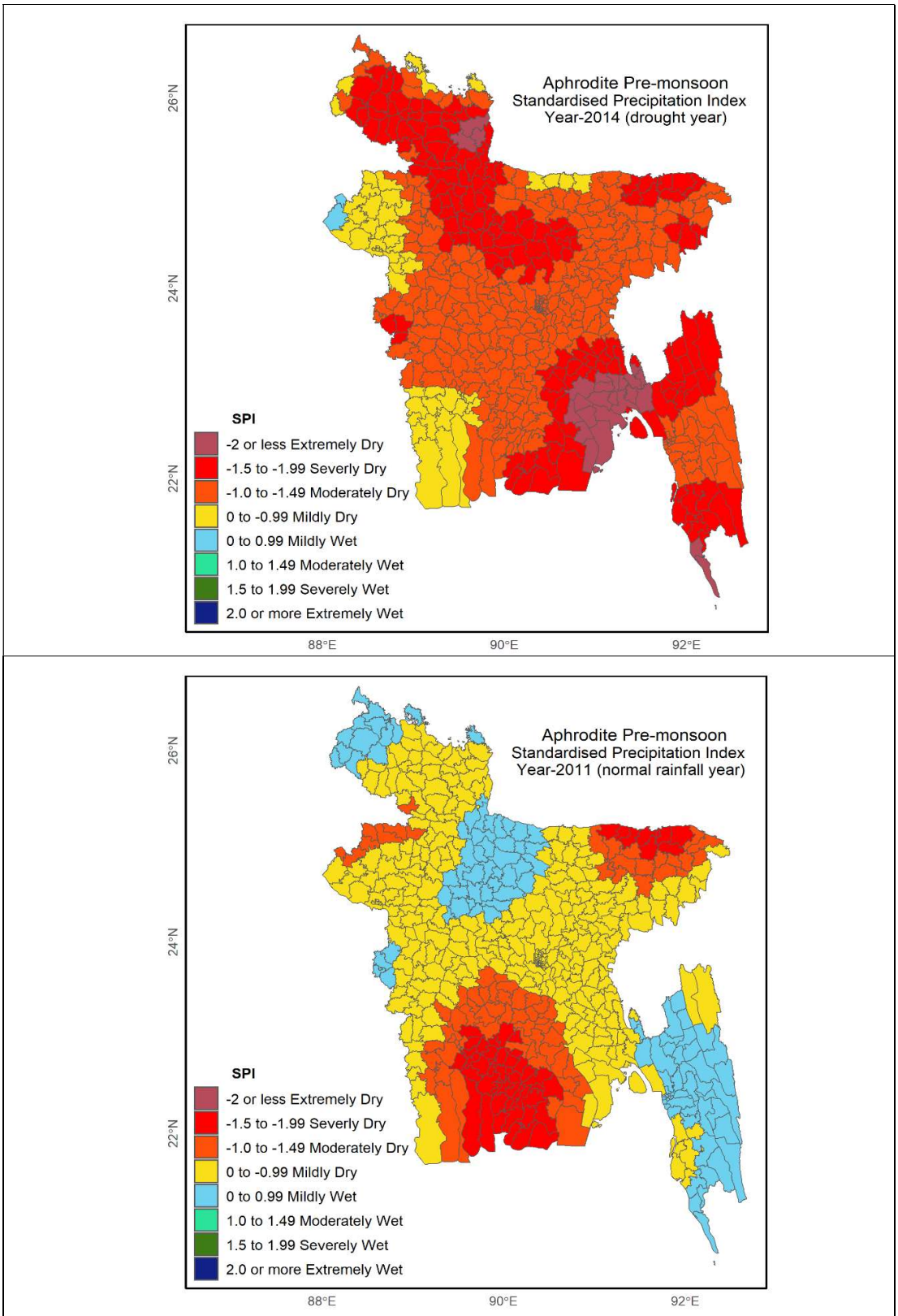
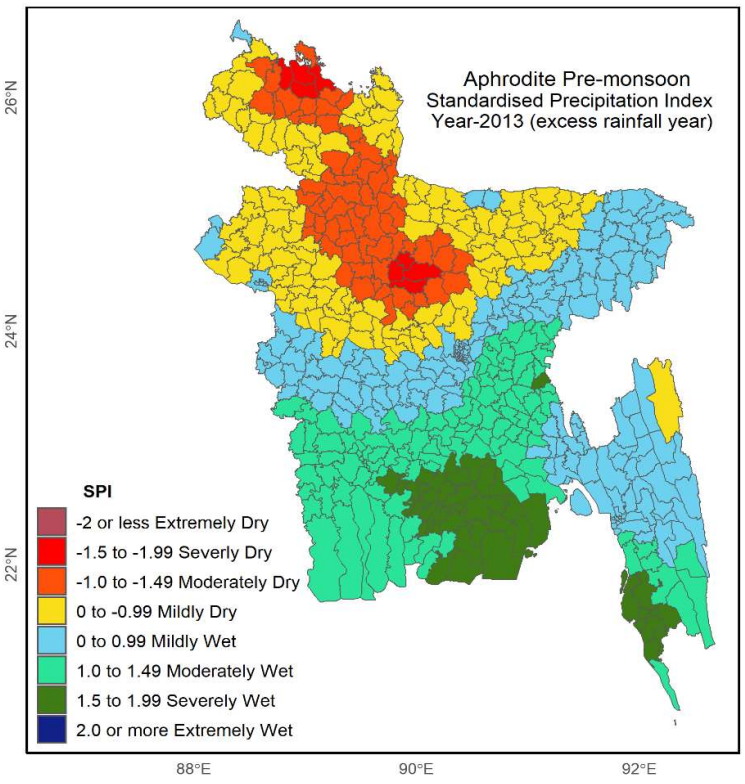


Fig. 4.1: Standardised Precipitation Index (SPI) map for drought year (upper) and normal rainfall year (lower) for pre-monsoon season in Bangladesh.



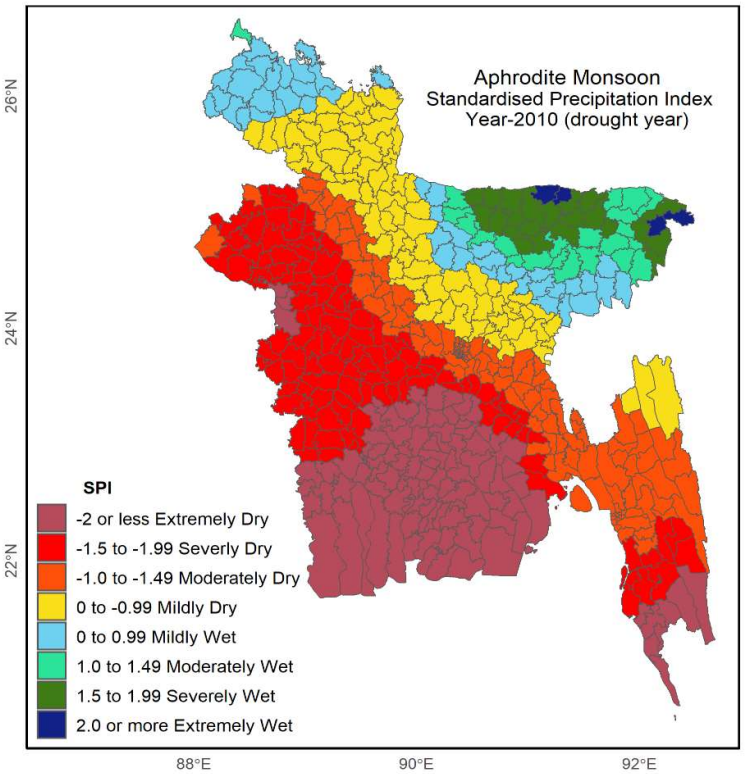


Fig.4.2: Standardised Precipitation Index (SPI) map for excess rainfall year (upper) and drought year (lower) for pre-monsoon and monsoon season in Bangladesh.

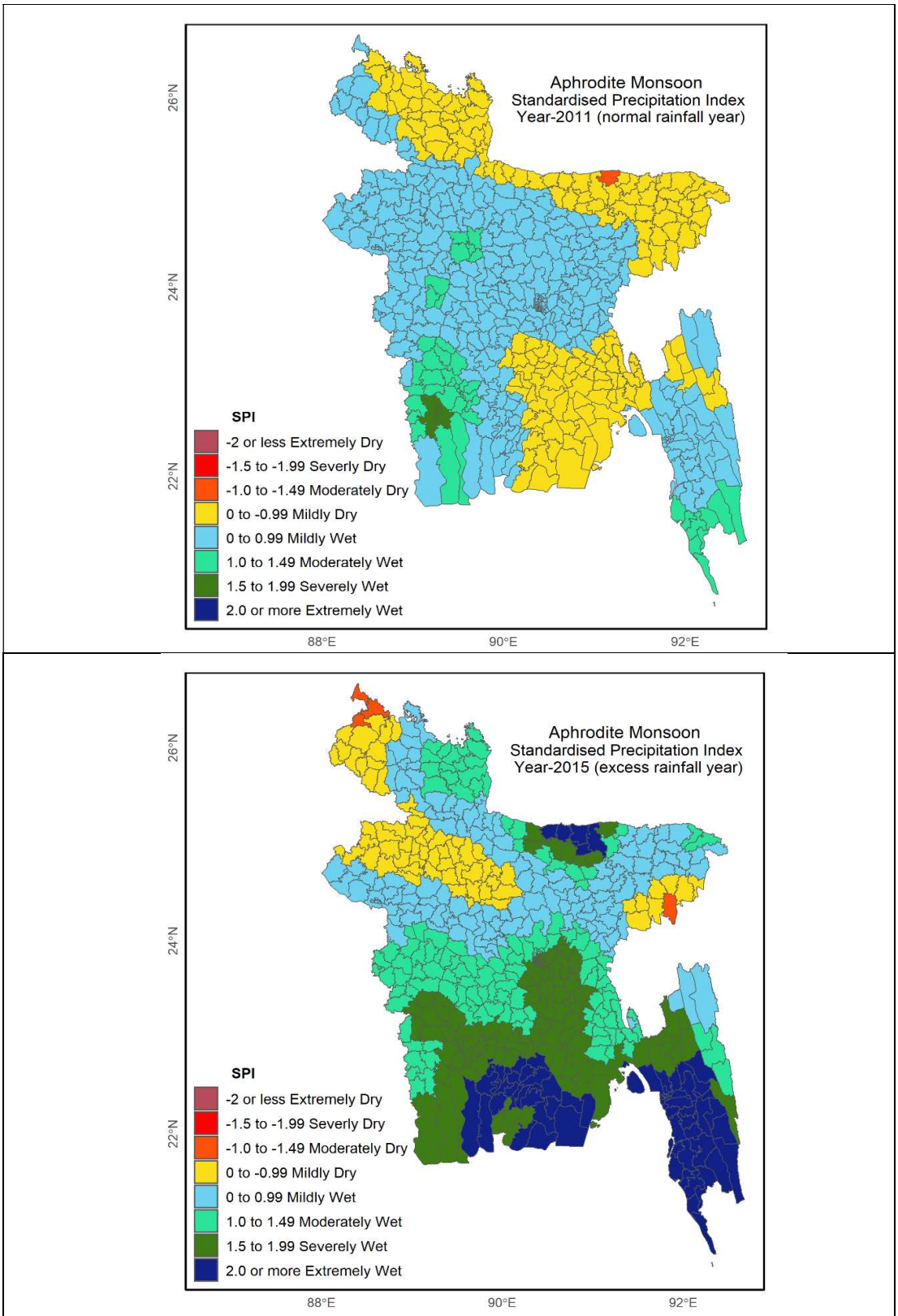
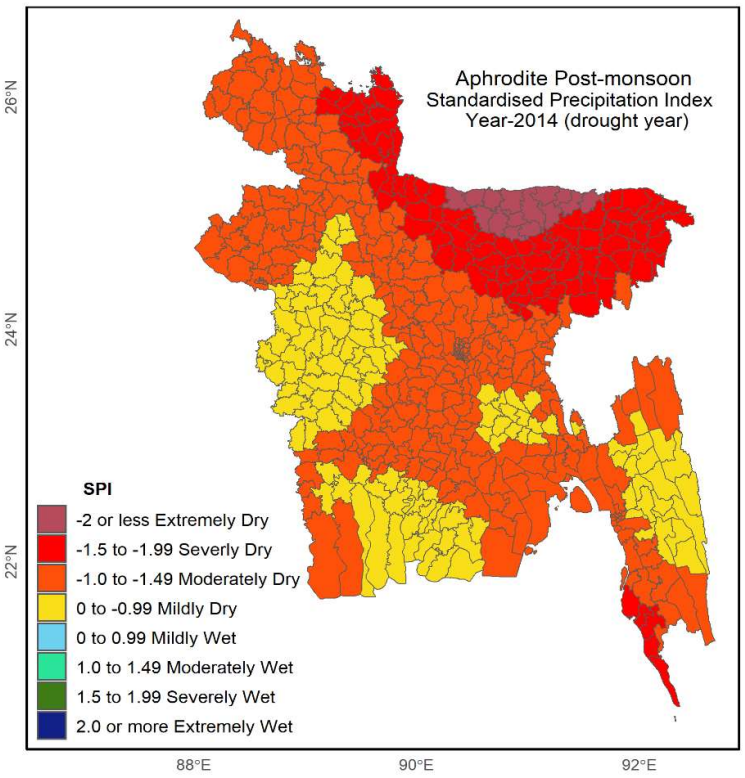


Fig. 4.3: Standardised Precipitation Index (SPI) map for normal rainfall year (upper) and excess rainfall year (lower) for monsoon season in Bangladesh.



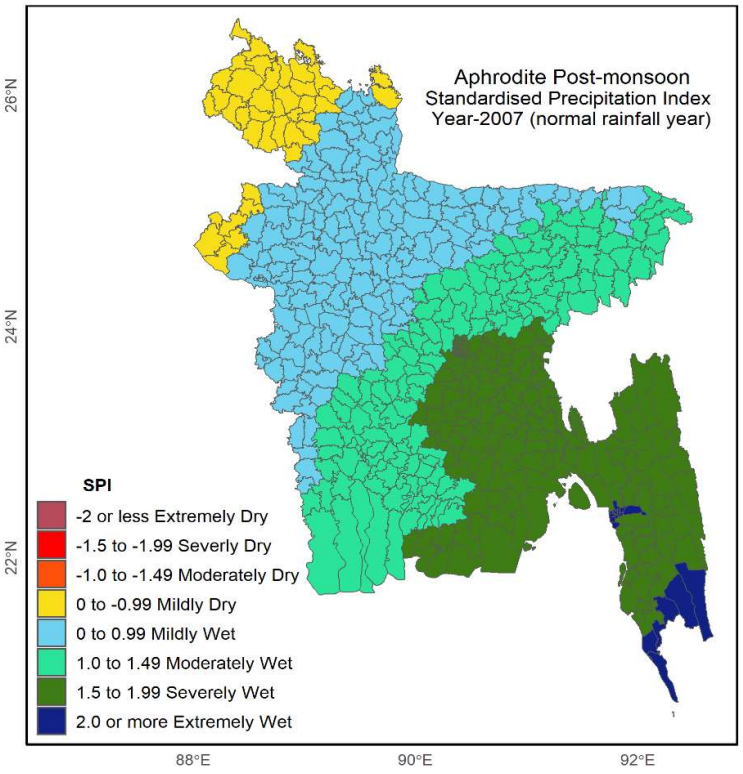


Fig. 4.4: Standardised Precipitation Index (SPI) map for drought year (upper) and normal rainfall year (lower) for post-monsoon season in Bangladesh.

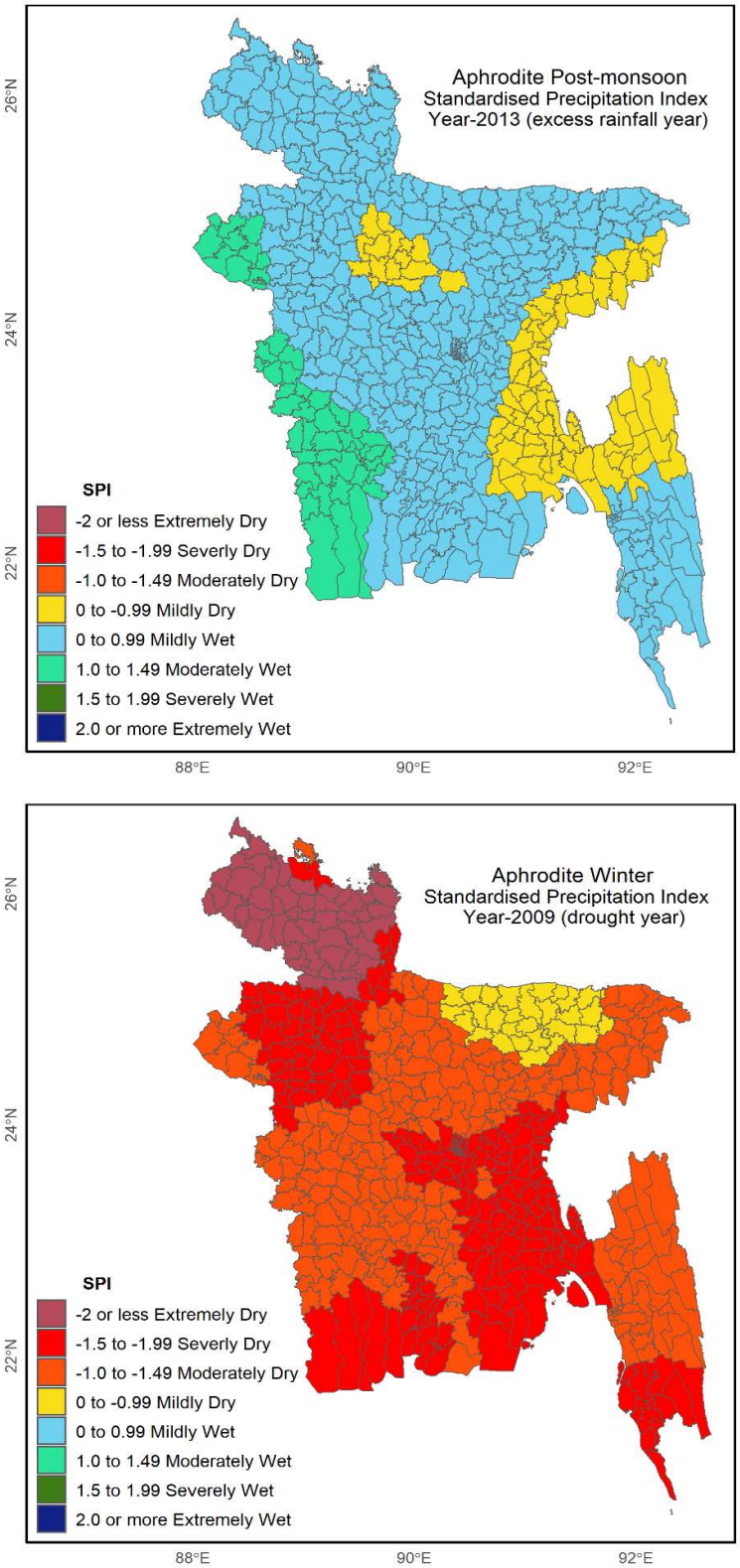


Fig. 4.5: Standardised Precipitation Index (SPI) map for excess rainfall year (upper) and drought year (lower) for post-monsoon and winter season in Bangladesh.

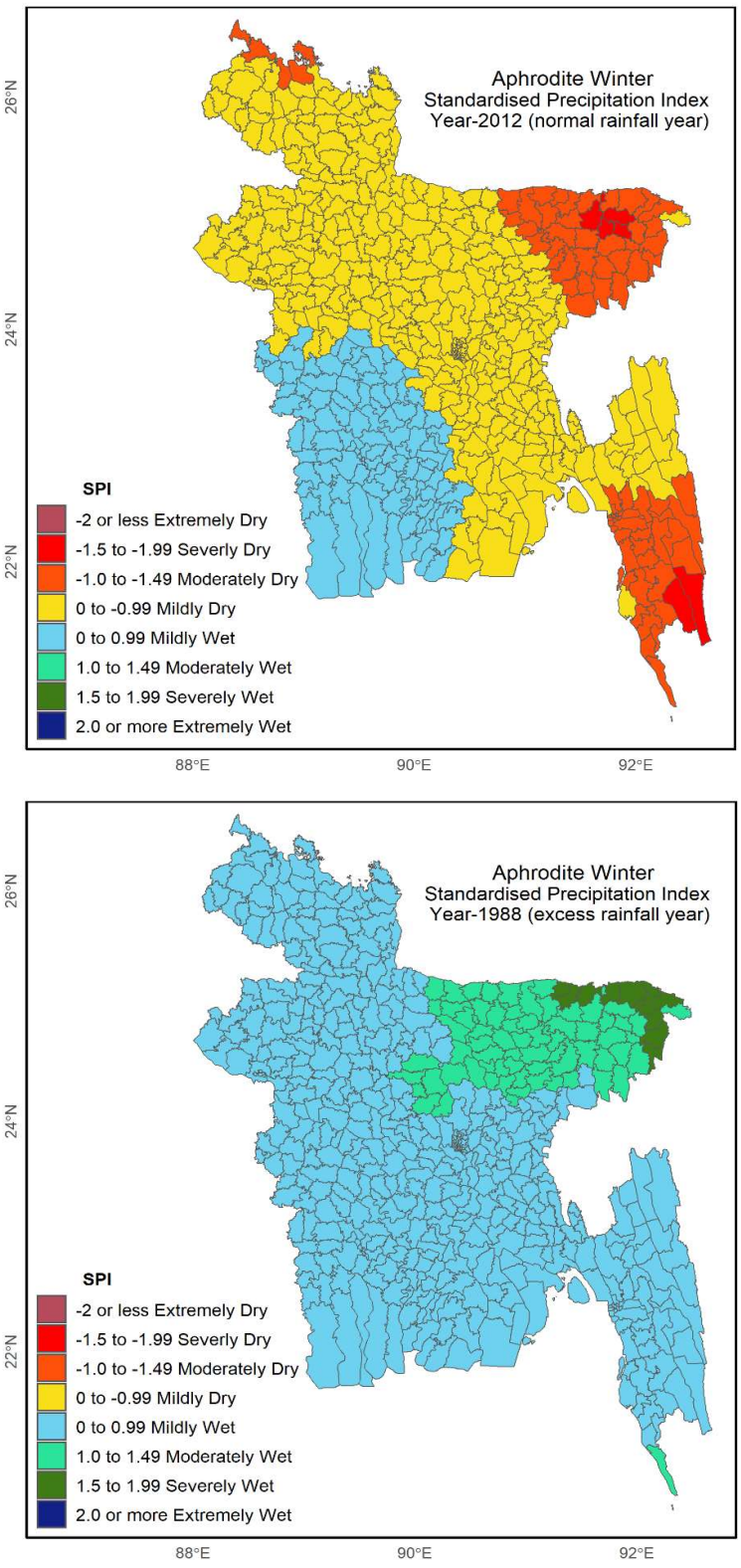
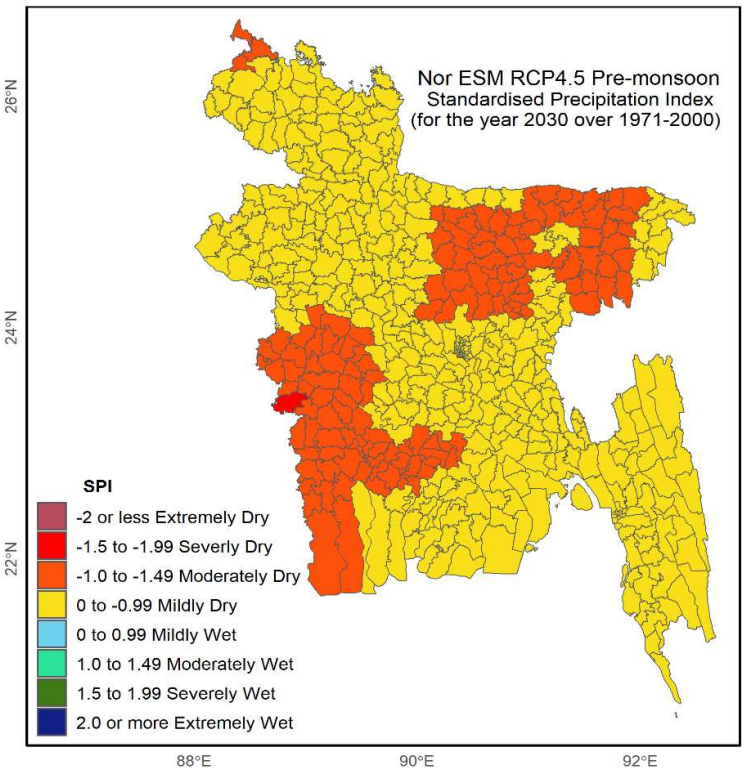


Fig. 4.6: Standardised Precipitation Index (SPI) map for normal rainfall year (upper) and excess rainfall year (lower) for winter season in Bangladesh.



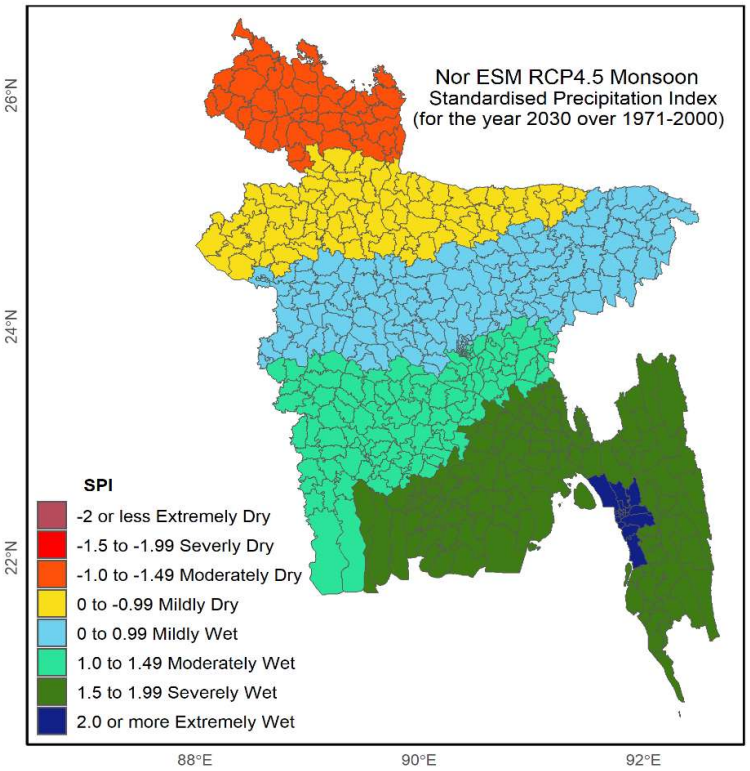


Fig. 5.1: Projected Standardised Precipitation Index (SPI) map under RCP4.5 for pre-monsoon (upper) and monsoon (lower) season for the year 2030 in Bangladesh

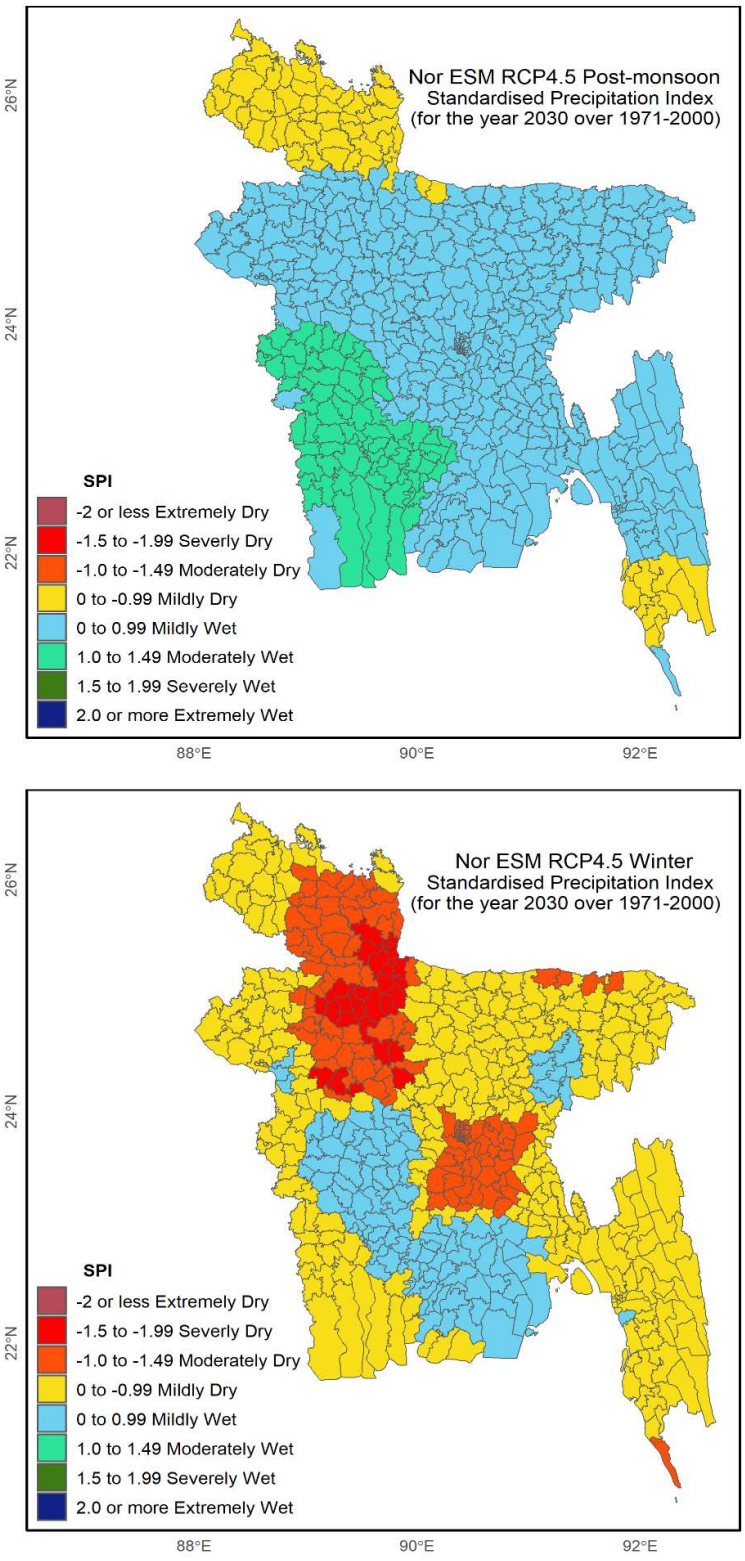
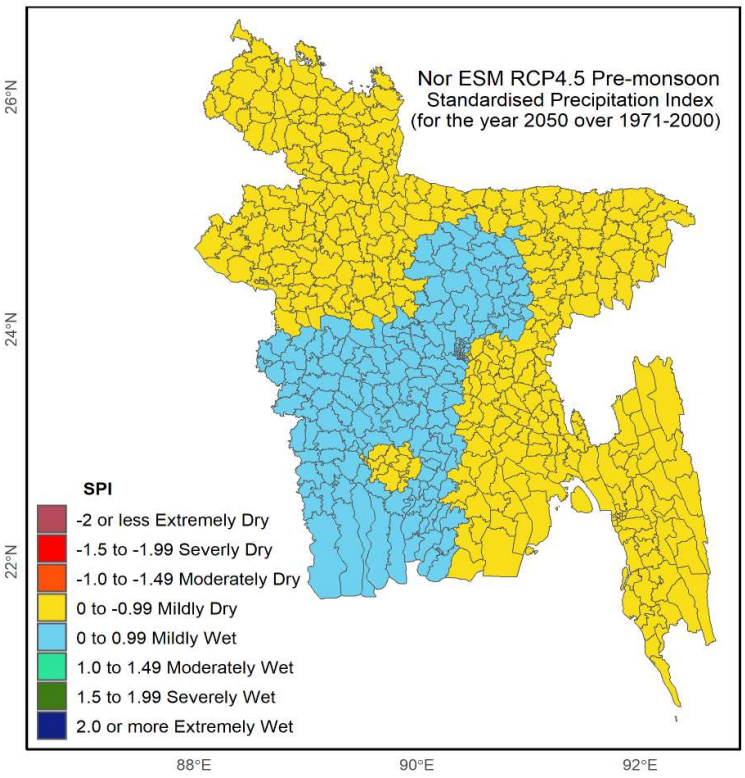


Fig. 5.2: Projected Standardised Precipitation Index (SPI) map under RCP4.5 for post-monsoon (upper) and winter (lower) season for the year 2030 in Bangladesh.



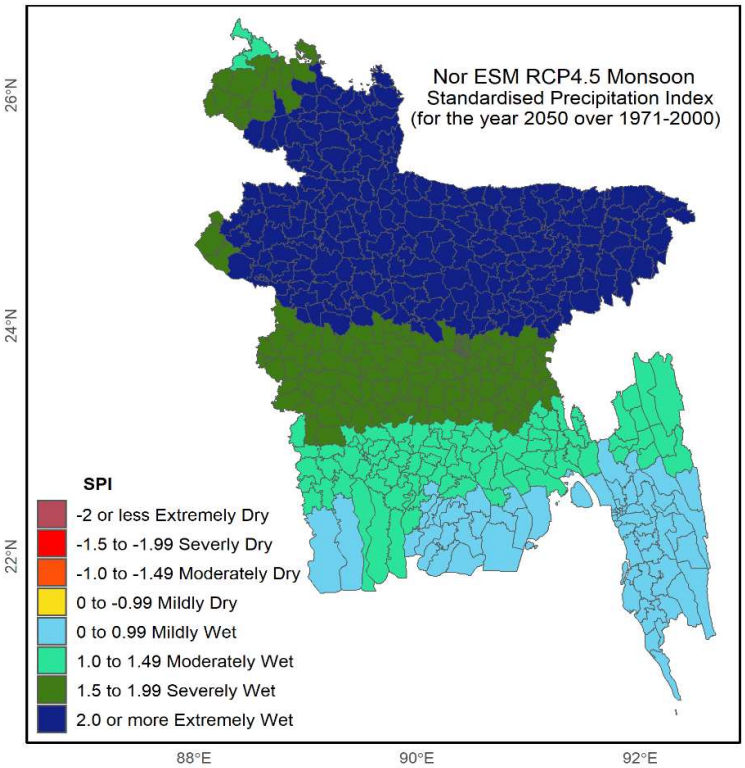


Fig.5.3: Projected Standardised Precipitation Index (SPI) map under RCP4.5 for pre-monsoon (upper) and monsoon (lower) season for the year 2050 in Bangladesh.

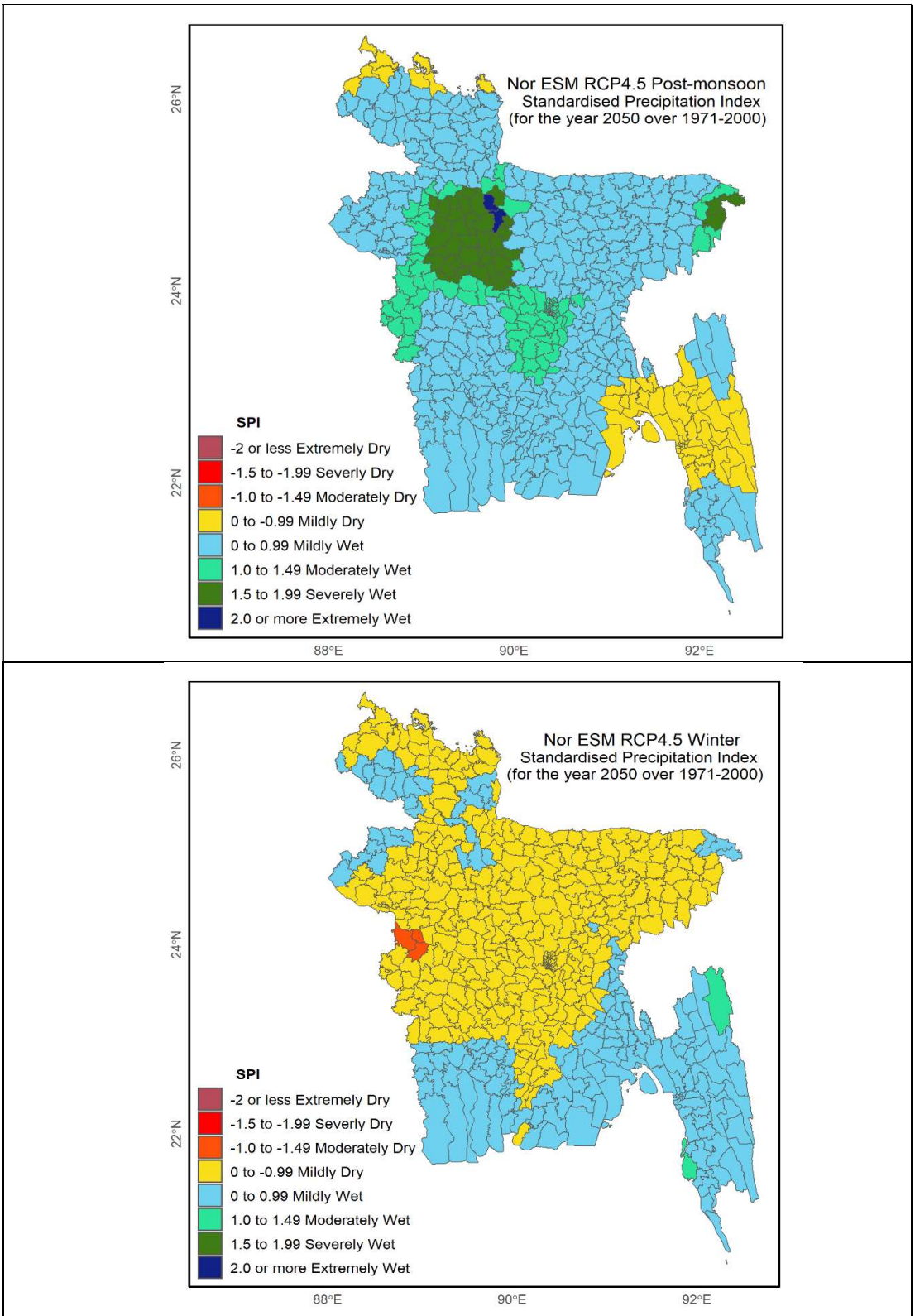
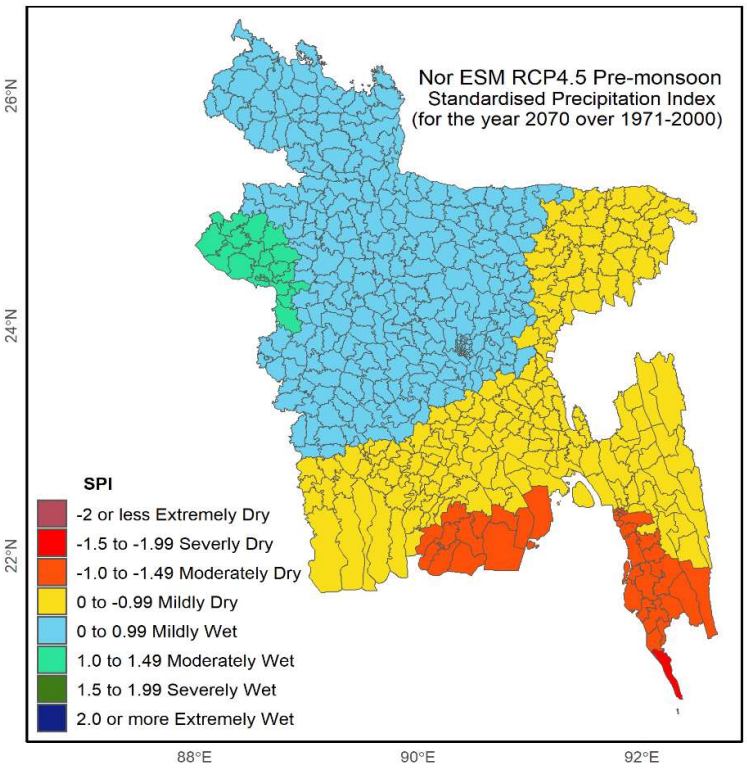


Fig. 5.4: Projected Standardised Precipitation Index (SPI) map under RCP4.5 for post-monsoon (upper) and winter (lower) season for the year 2050 in Bangladesh.



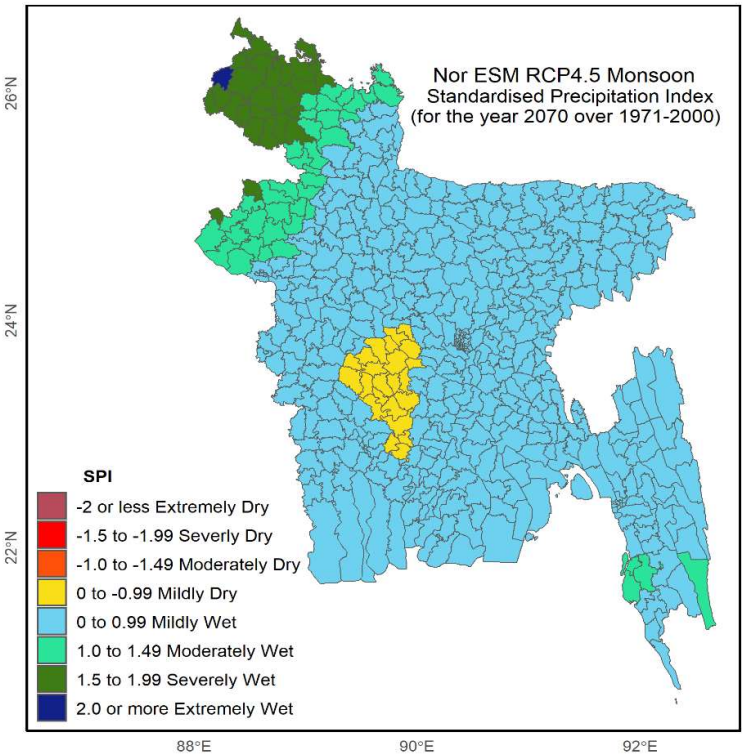
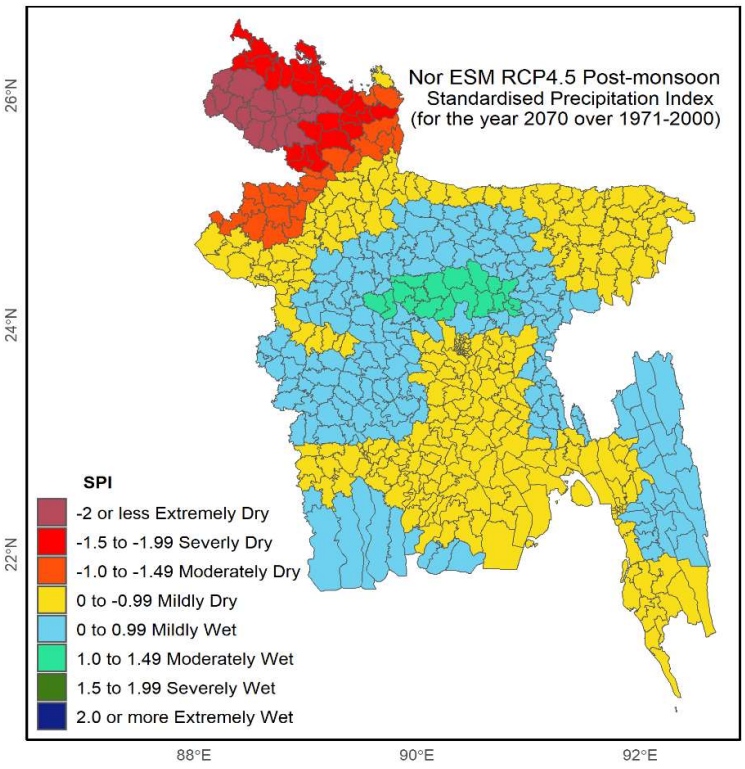


Fig. 5.5: Projected Standardised Precipitation Index (SPI) map under RCP4.5 for pre-monsoon (upper) and monsoon (lower) season for the year 2070 in Bangladesh.



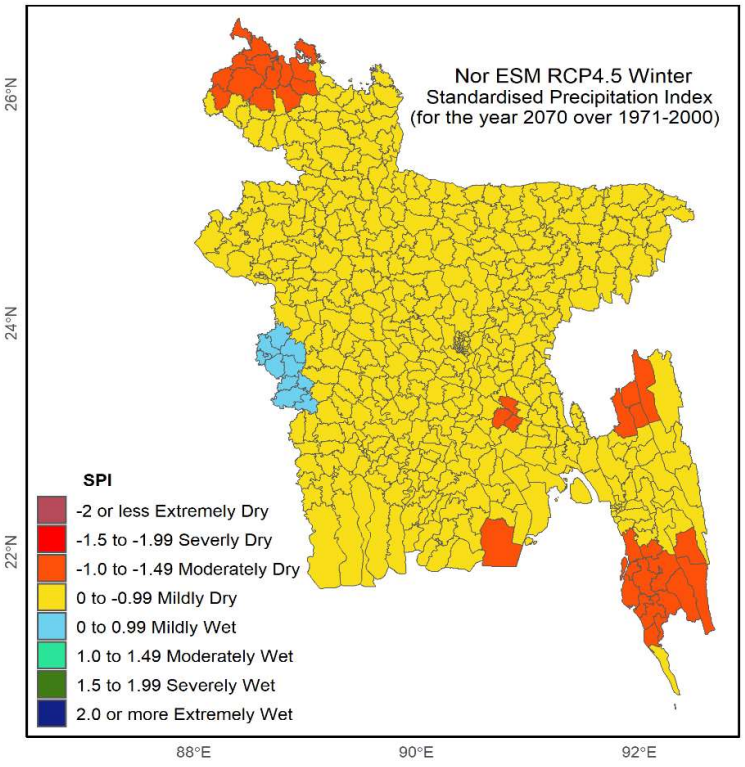


Fig.5.6: Projected Standardised Precipitation Index (SPI) map under RCP4.5 for post-monsoon (upper) and winter (lower) season for the year 2070 in Bangladesh.

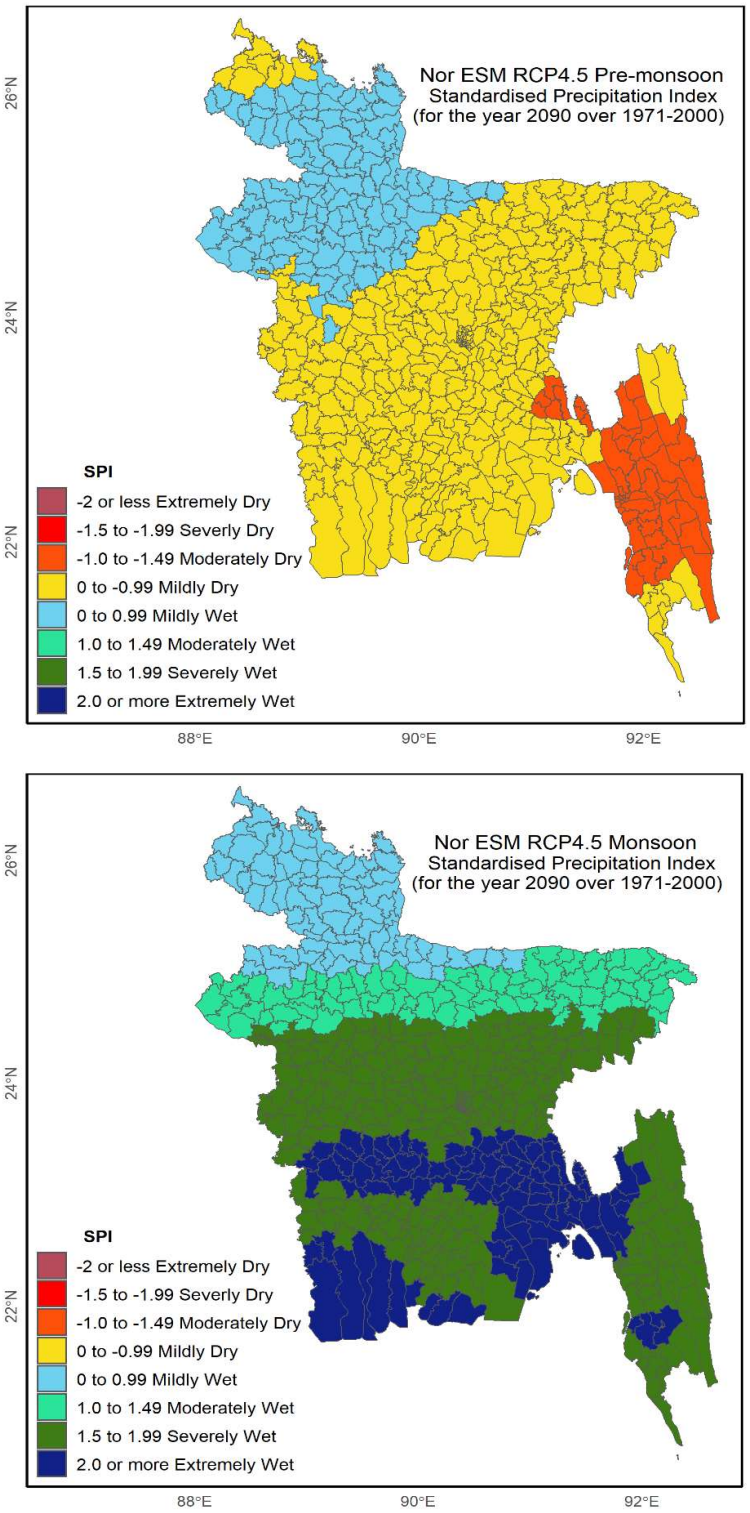
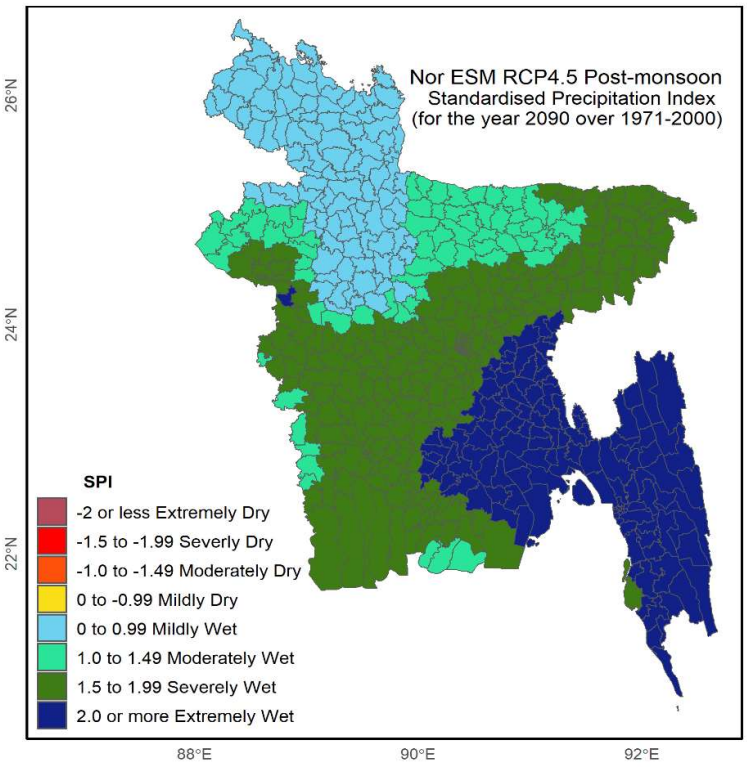


Fig. 5.7: Projected Standardised Precipitation Index (SPI) map under RCP4.5 for pre-monsoon (upper) and monsoon (lower) season for the year 2090 in Bangladesh.



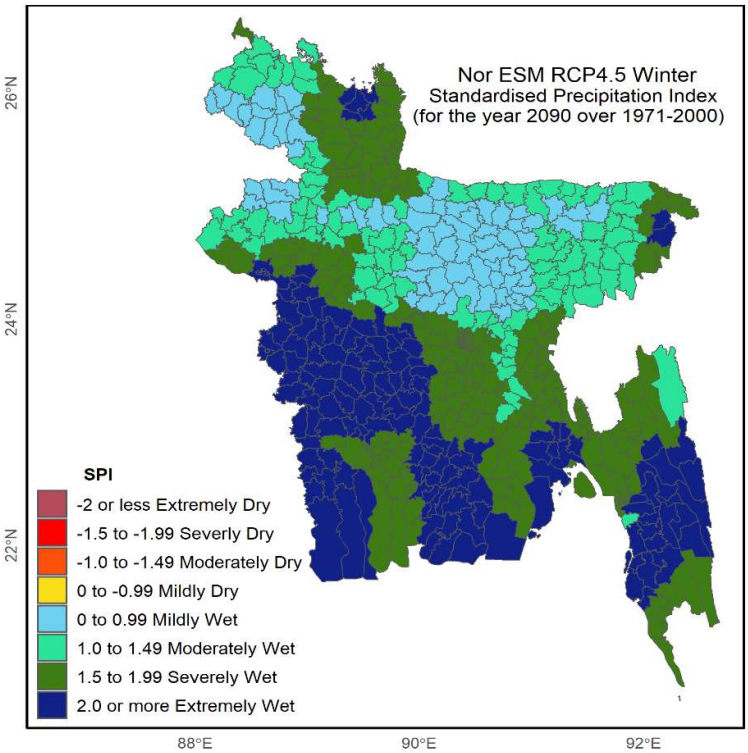
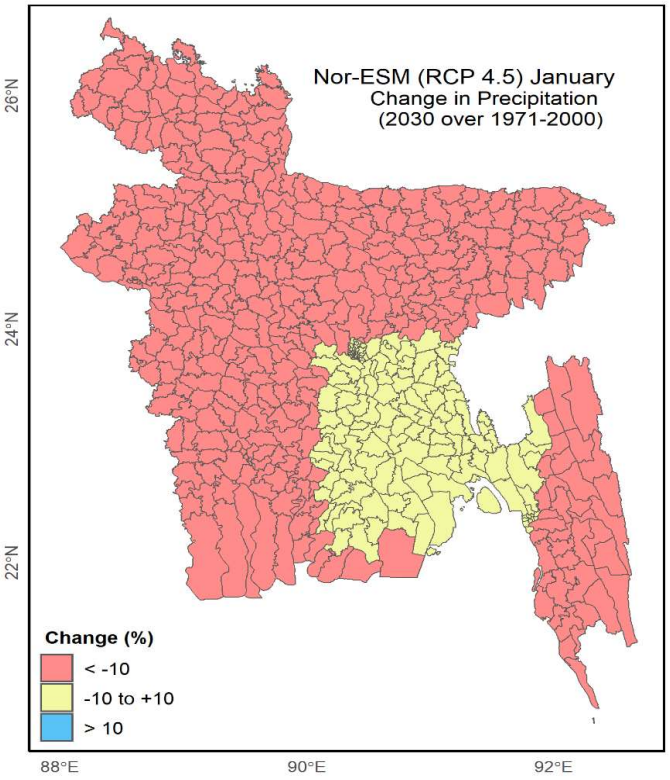


Fig.5.8: Projected Standardised Precipitation Index (SPI) map under RCP4.5 for post-monsoon (upper) and winter (lower) season for the year 2090 in Bangladesh.



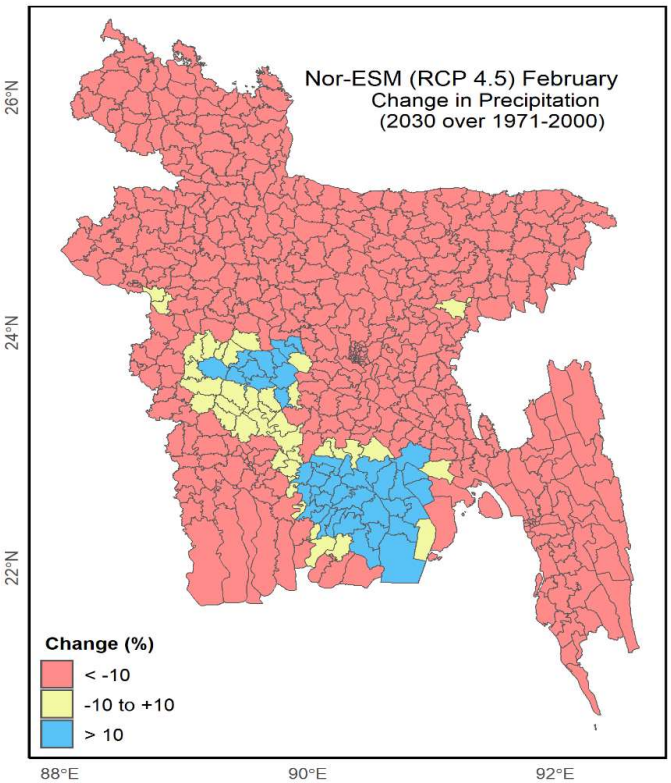
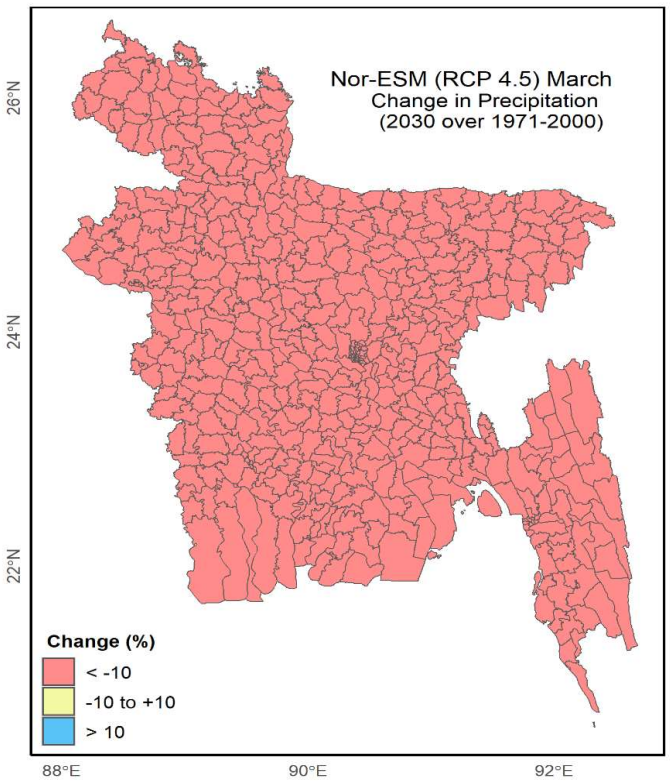


Fig. 6.1: Percentage of change in rainfall projection(RCP4.5) for January and February for the year 2030 in Bangladesh.



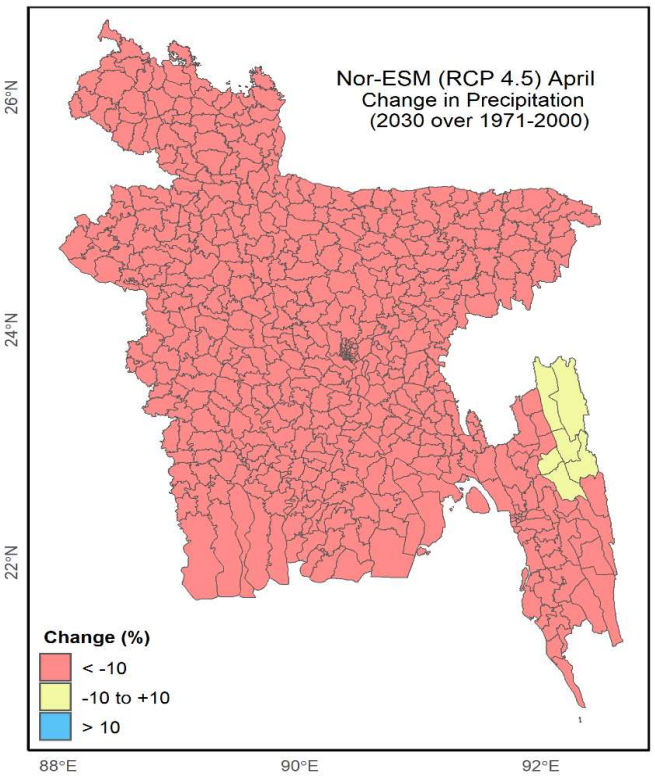
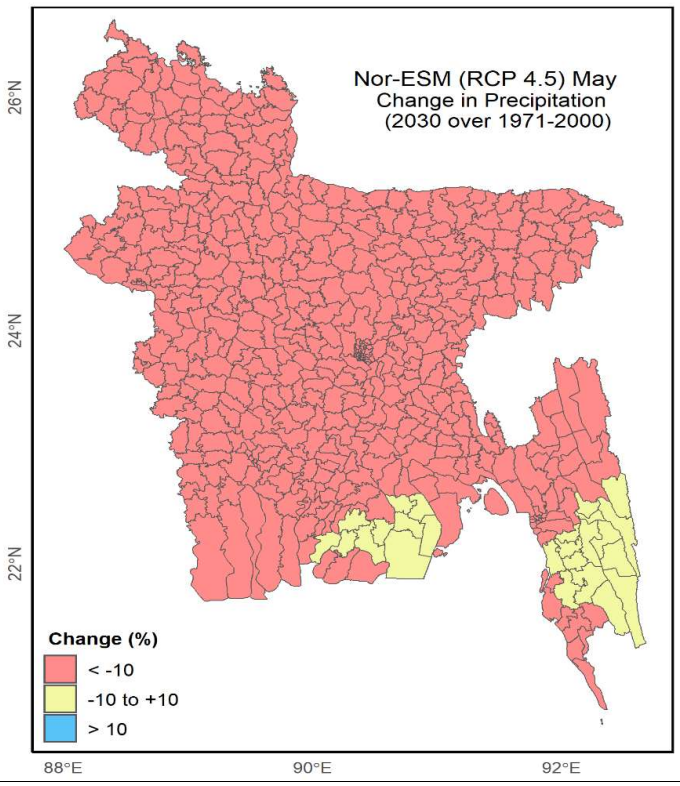


Fig. 6.2: Percentage of change in rainfall projection(RCP4.5) for March and April for the year 2030 in Bangladesh.



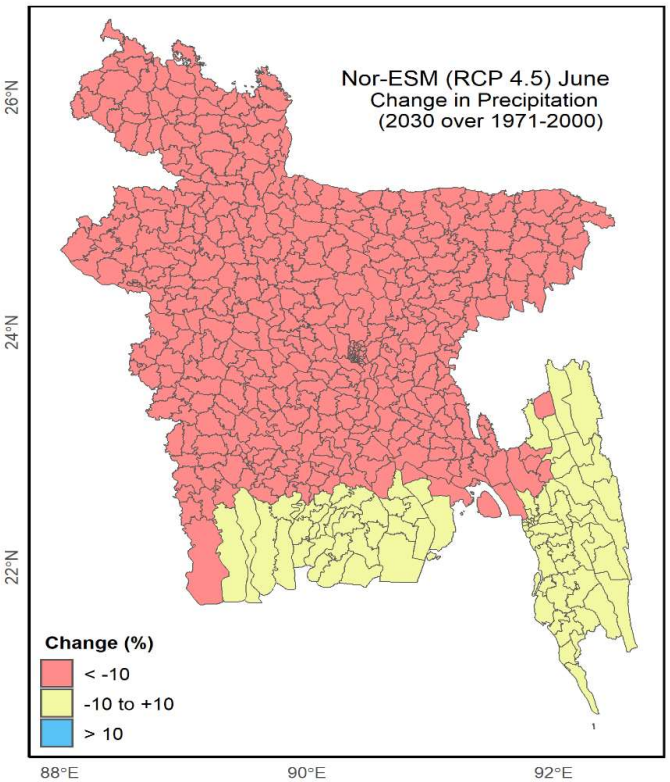
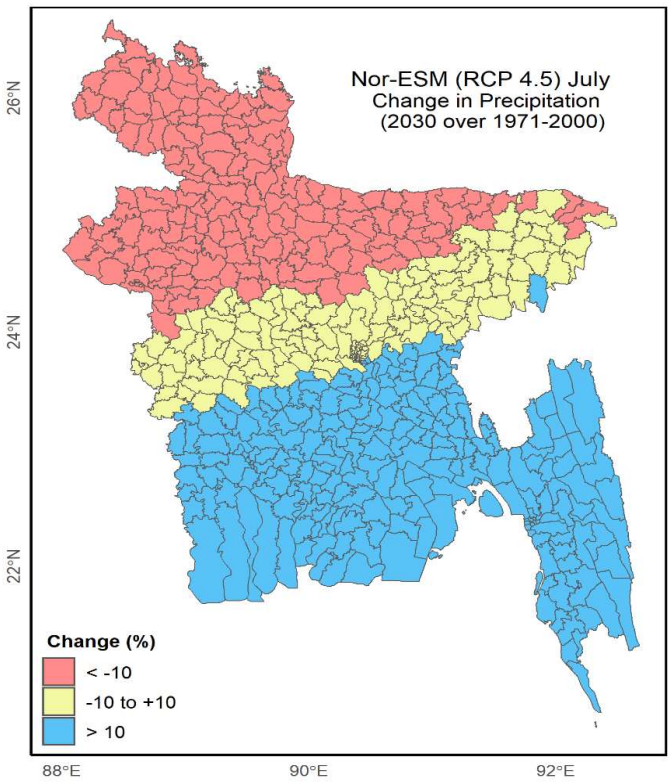


Fig. 6.3: Percentage of change in rainfall projection(RCP4.5) for May and June for the year 2030 in Bangladesh.



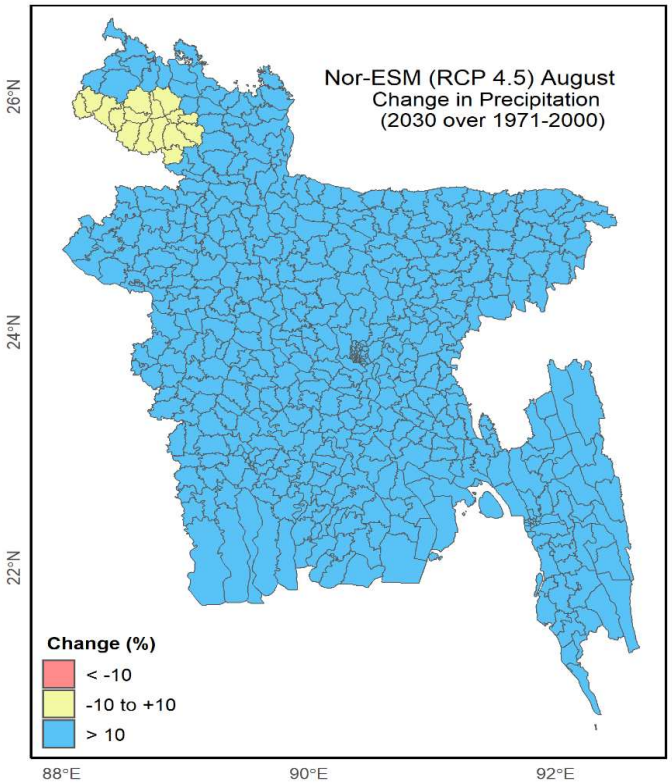
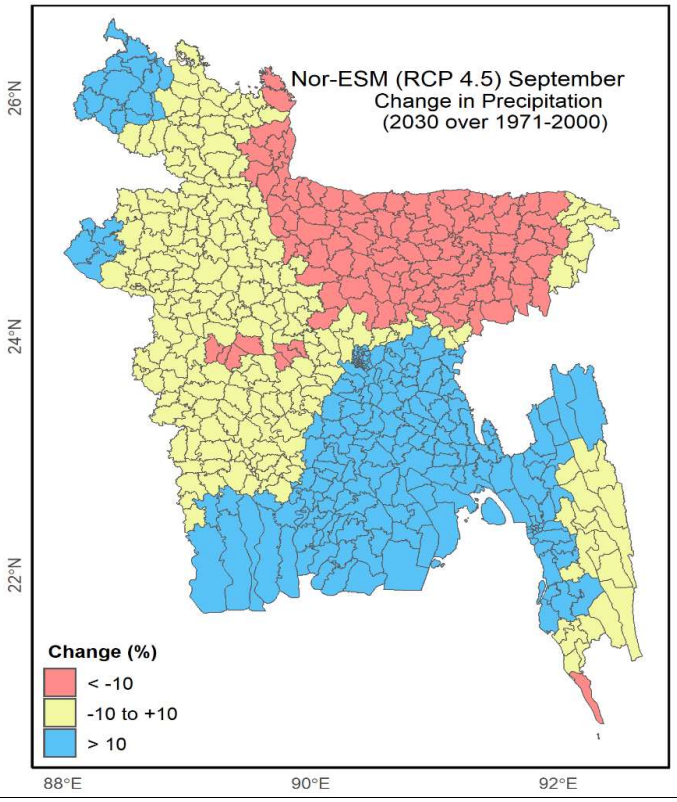


Fig. 6.4: Percentage of change in rainfall projection(RCP4.5) for July and August for the year 2030 in Bangladesh.



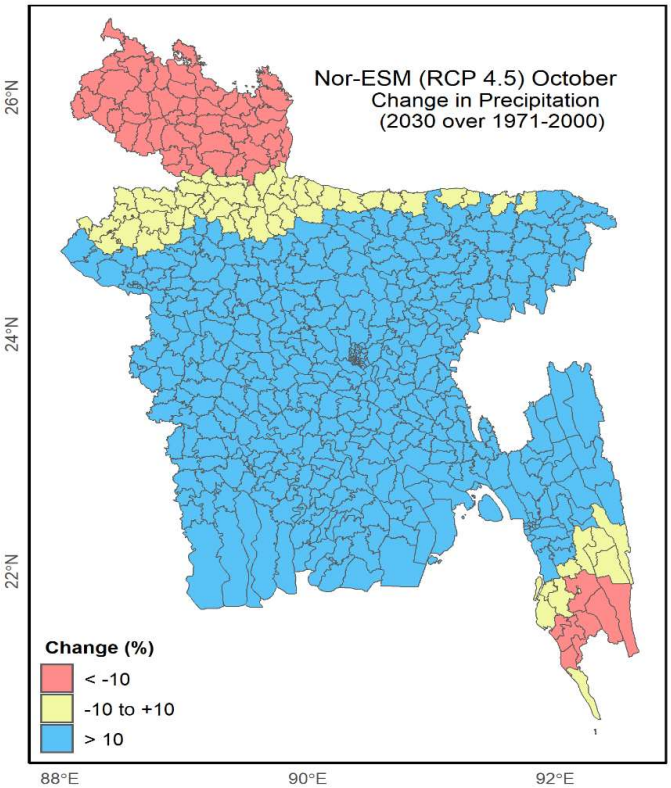
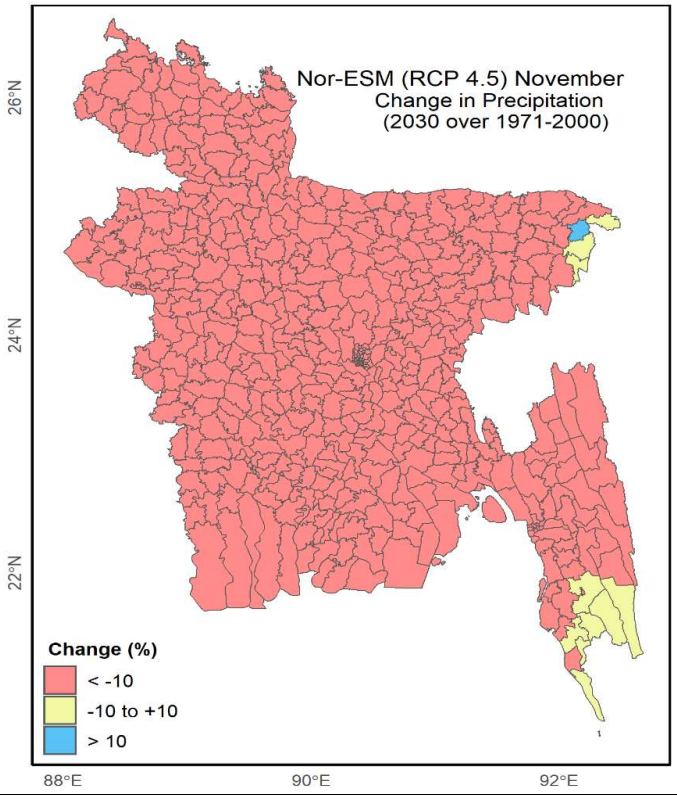


Fig. 6.5: Percentage of change in rainfall projection(RCP4.5) for September and October for the year 2030 in Bangladesh.



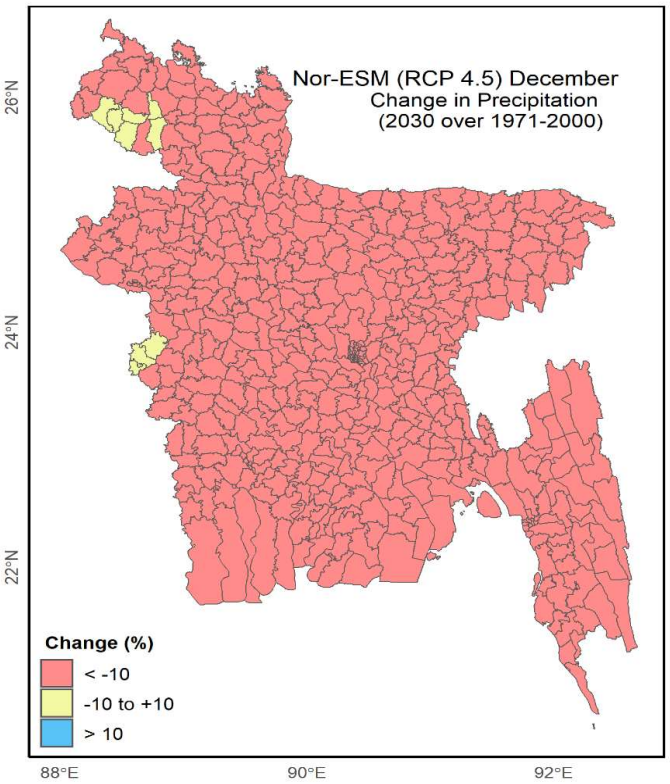
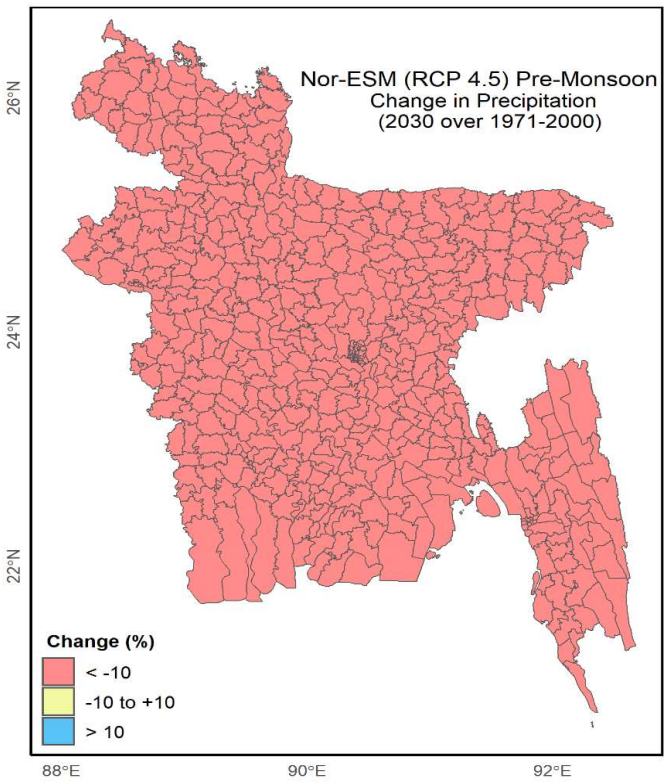


Fig. 6.6: Percentage of change in rainfall projection(RCP4.5) for November and December for the year 2030 in Bangladesh.



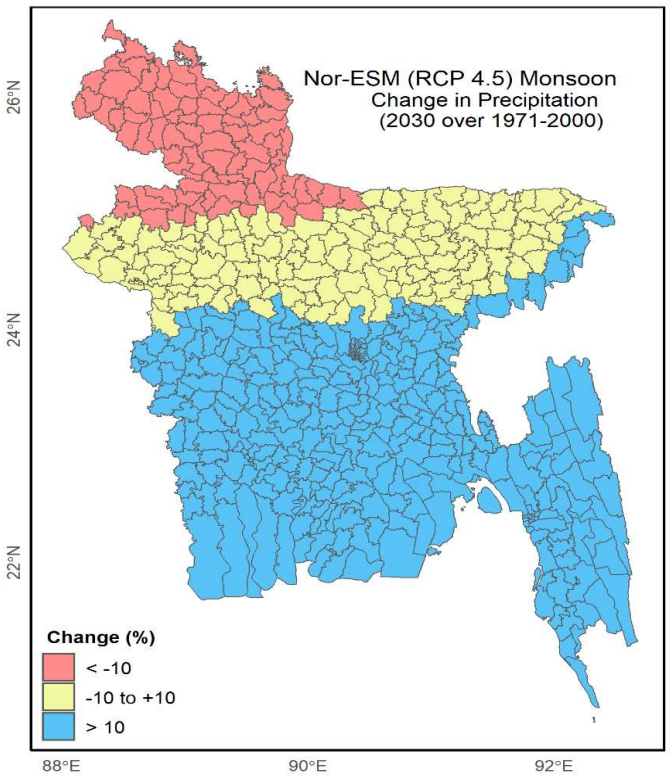
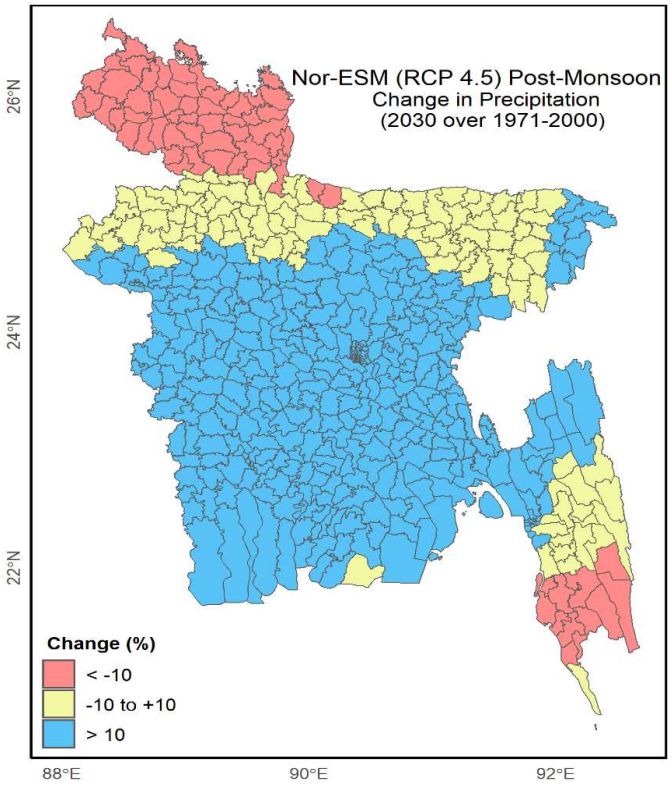


Fig. 6.7: Percentage of change in rainfall projection(RCP4.5) for pre-monsoon and monsoon for the year 2030 in Bangladesh.



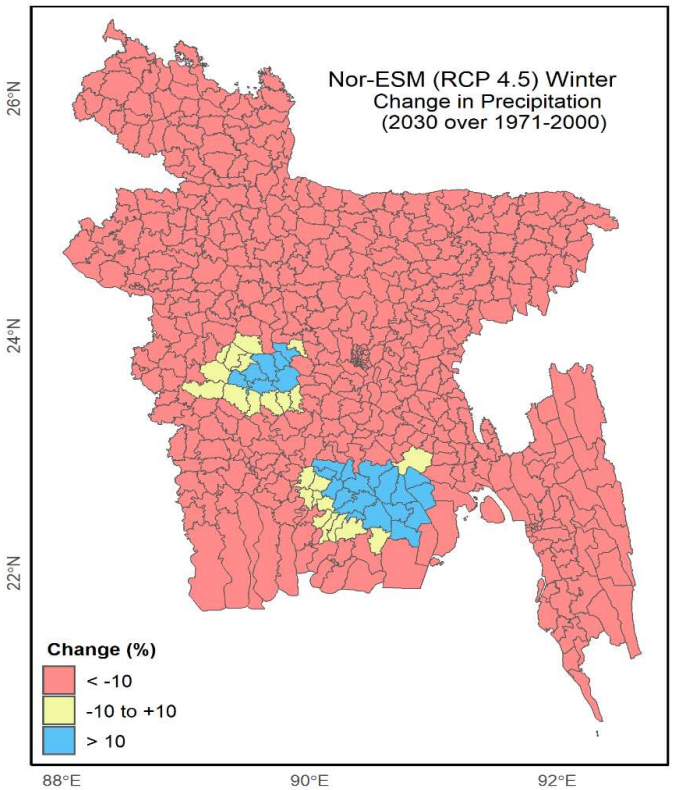


Fig. 6.8: Percentage of change in rainfall projection(RCP4.5) for post-monsoon and winter for the year 2030 in Bangladesh.

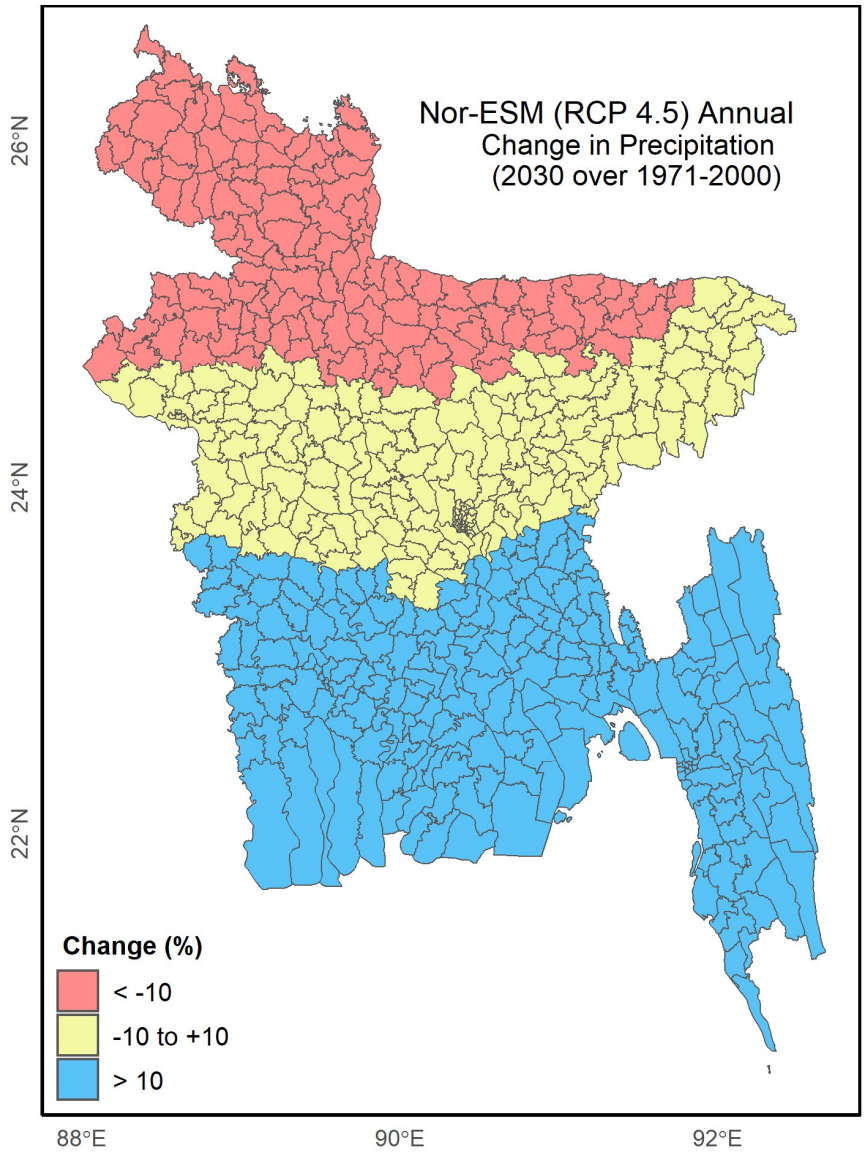
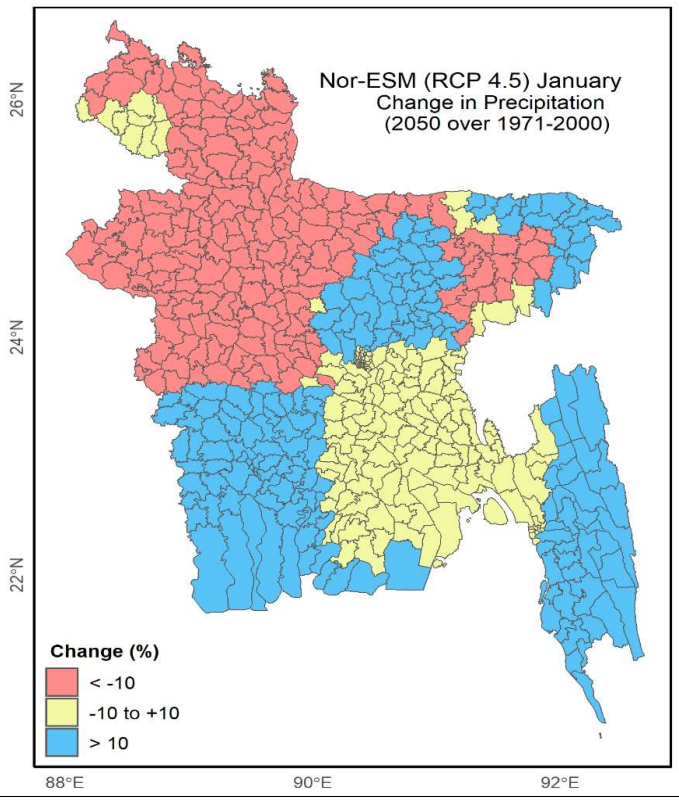


Fig. 6.9: Percentage of change in rainfall projection(RCP4.5) for annual for the year 2030 in Bangladesh.



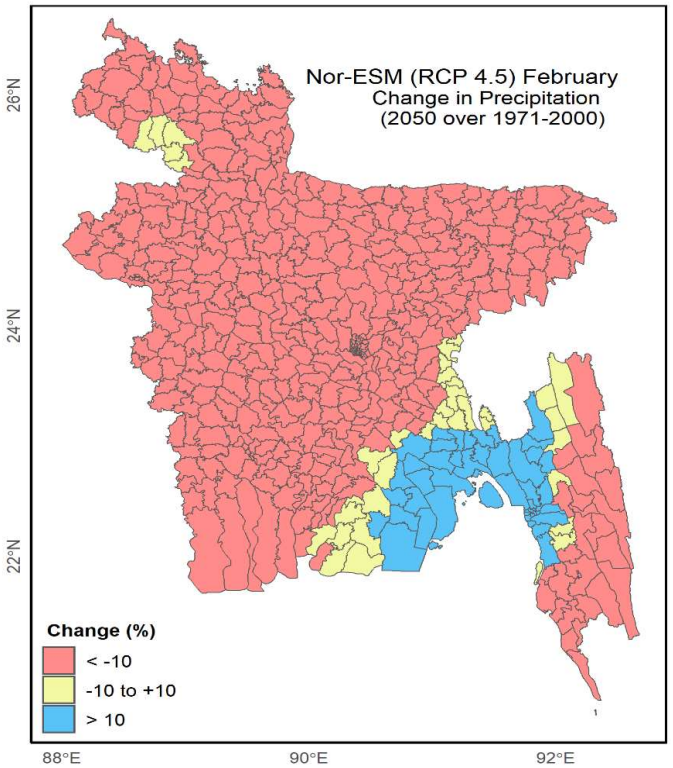
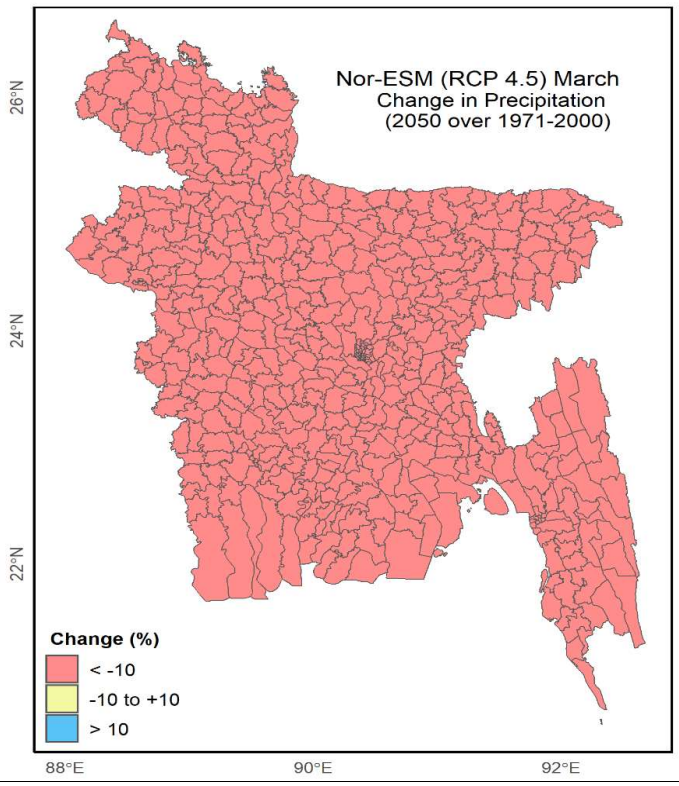


Fig. 6.10: Percentage of change in rainfall projection(RCP4.5) for January and February for the year 2050 in Bangladesh.



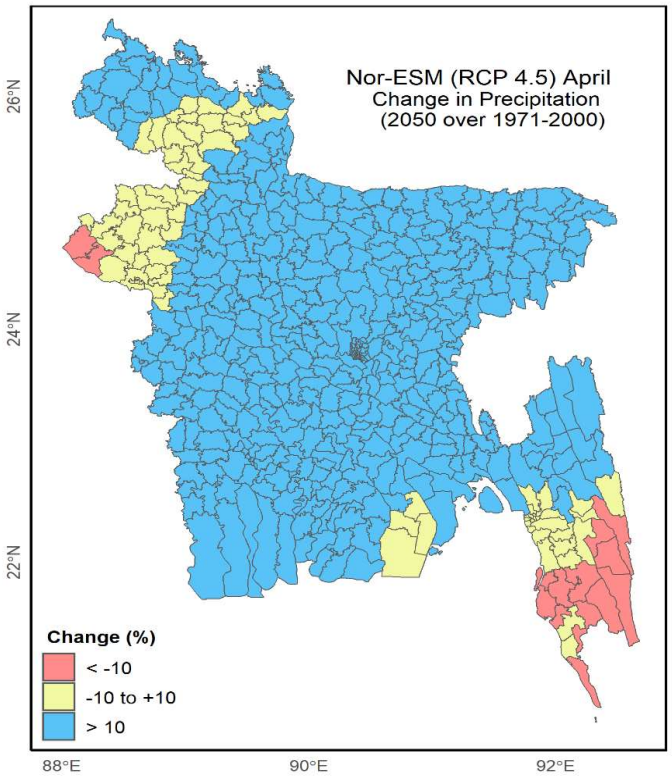
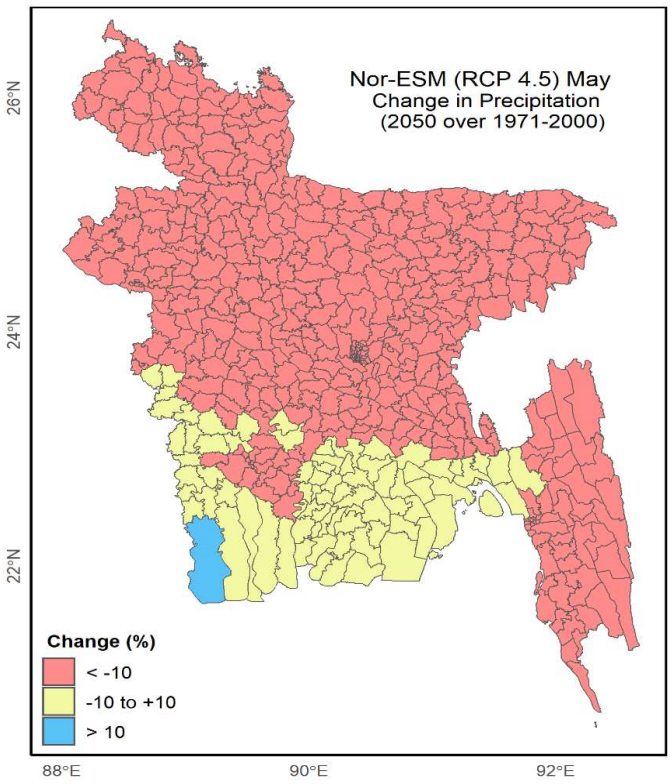


Fig. 6.11: Percentage of change in rainfall projection(RCP4.5) for March and April for the year 2050 in Bangladesh.



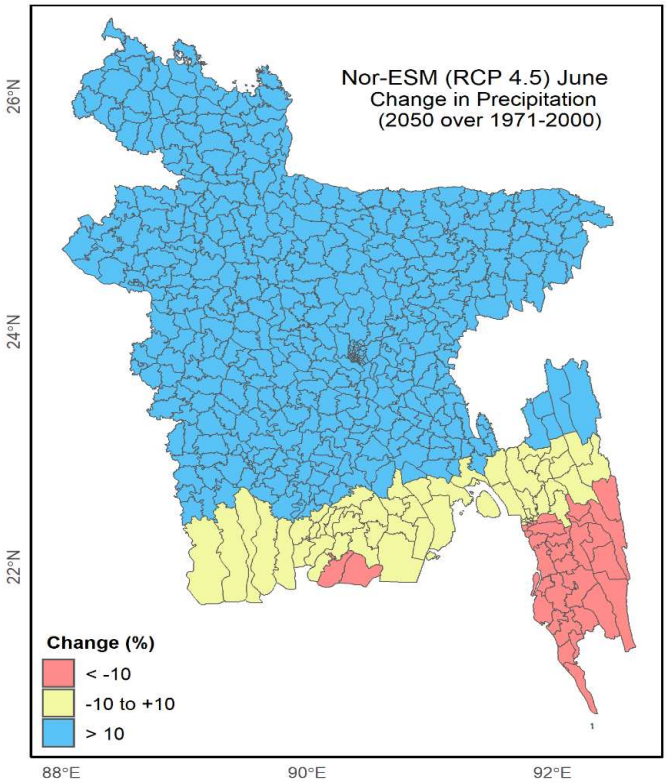
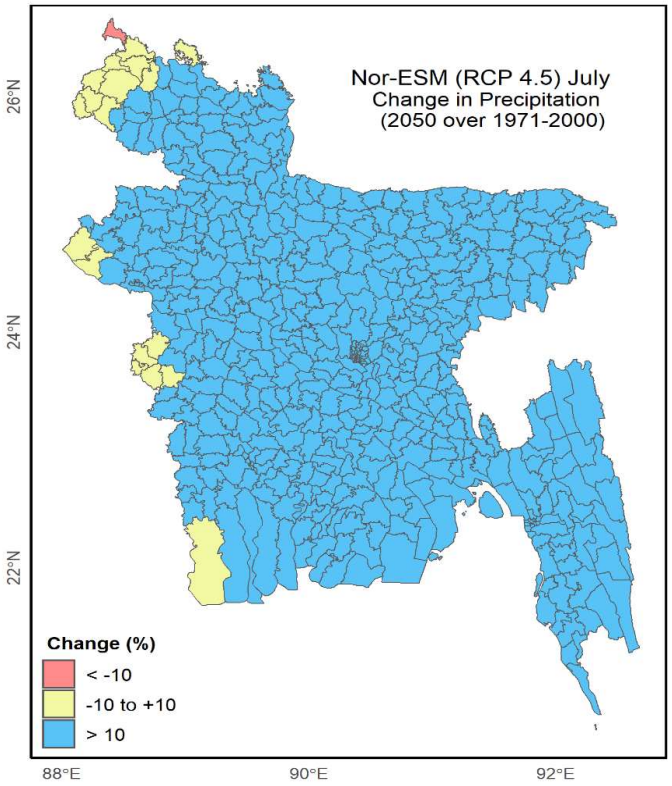


Fig. 6.12: Percentage of change in rainfall projection(RCP4.5) for May and June for the year 2050 in Bangladesh.



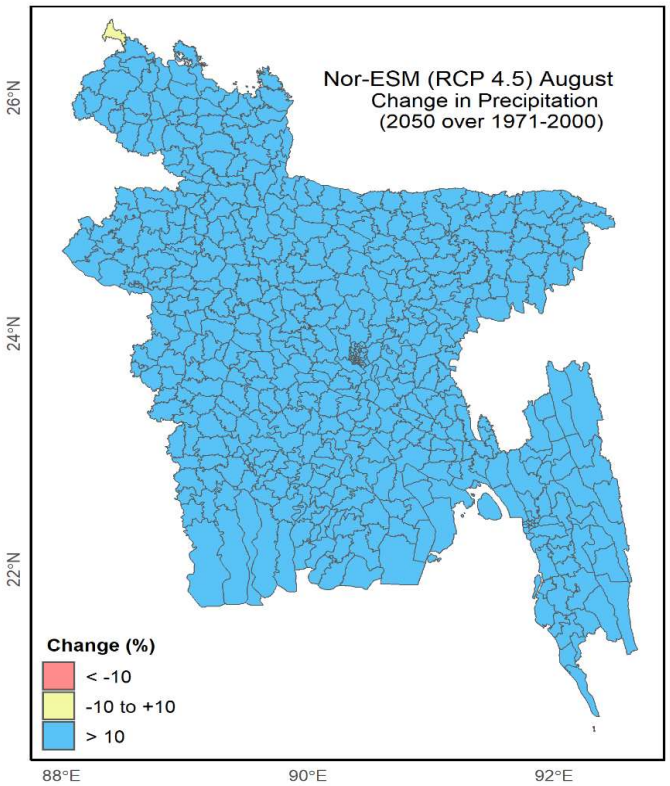
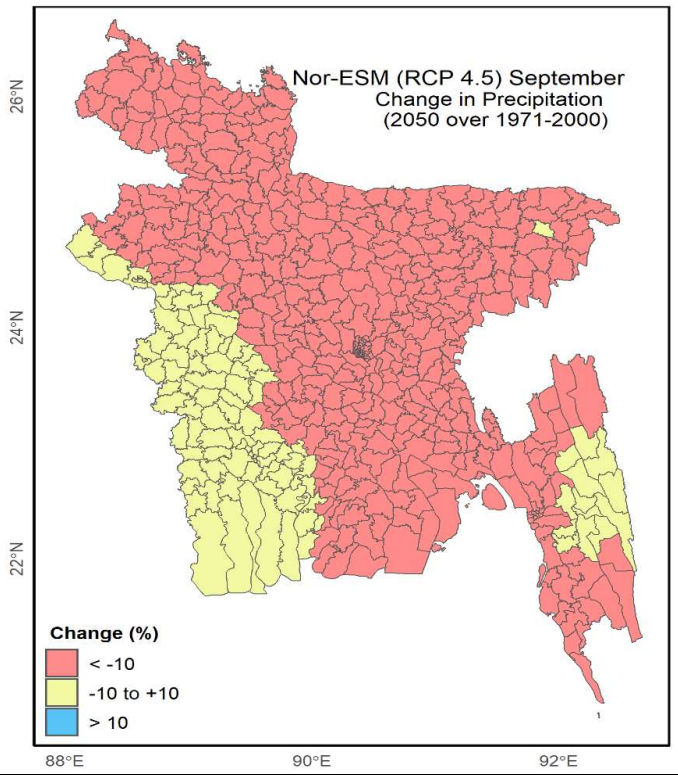


Fig. 6.13: Percentage of change in rainfall projection(RCP4.5) for July and August for the year 2050 in Bangladesh.



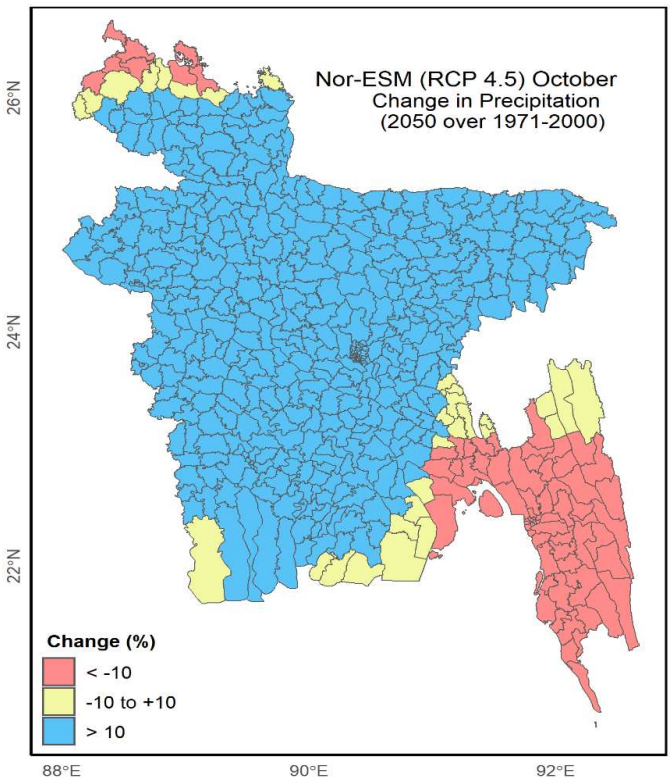
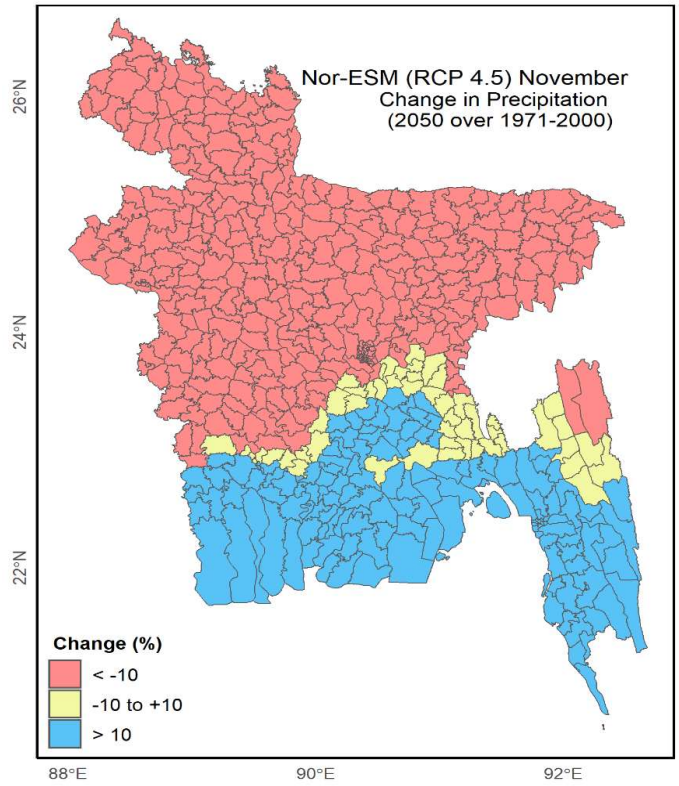


Fig. 6.14: Percentage of change in rainfall projection(RCP4.5) for September and October for the year 2050 in Bangladesh.



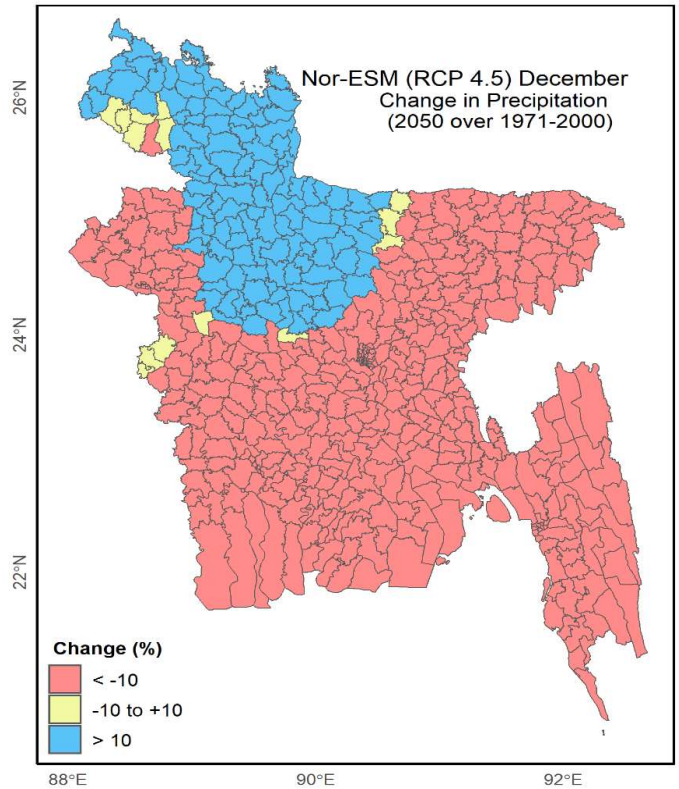
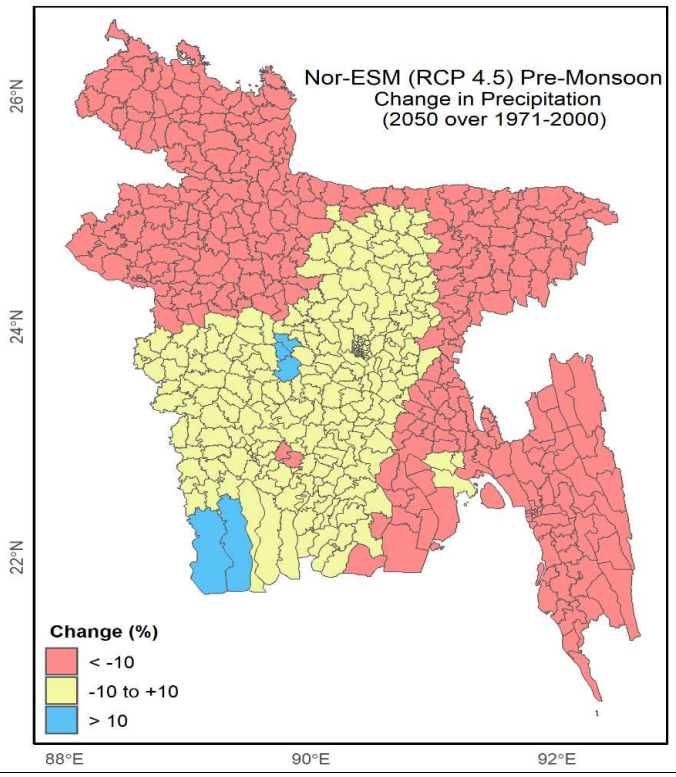


Fig. 6.15: Percentage of change in rainfall projection(RCP4.5) for November and December for the year 2050 in Bangladesh.



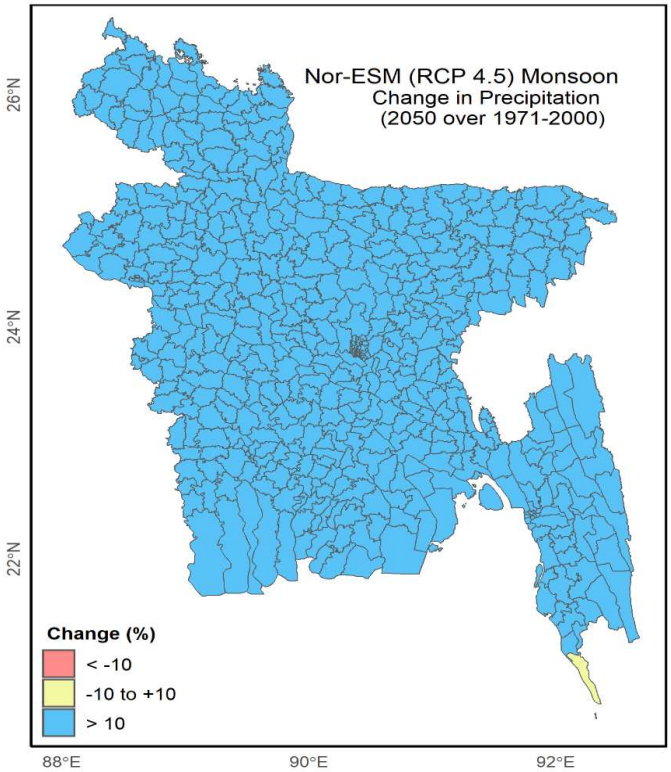
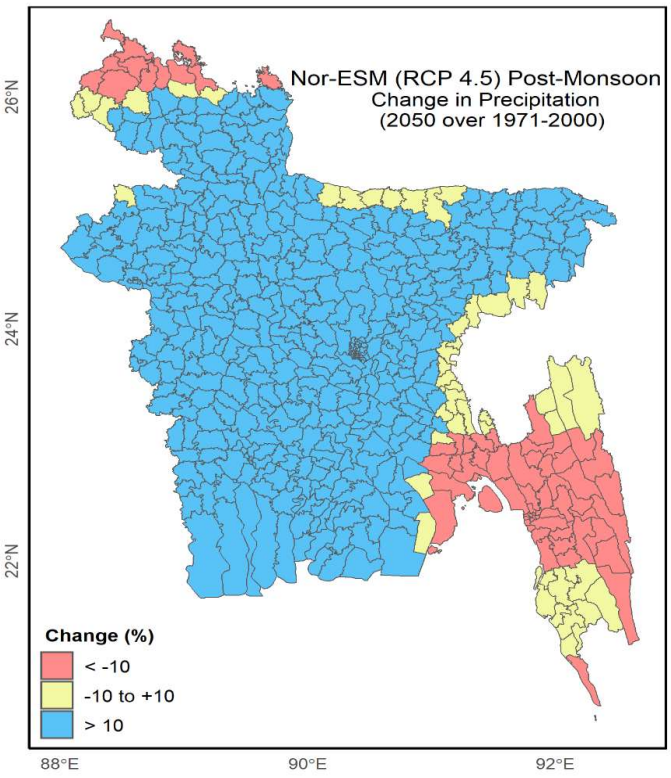


Fig. 6.16: Percentage of change in rainfall projection(RCP4.5) for pre-monsoon and monsoon for the year 2050 in Bangladesh.



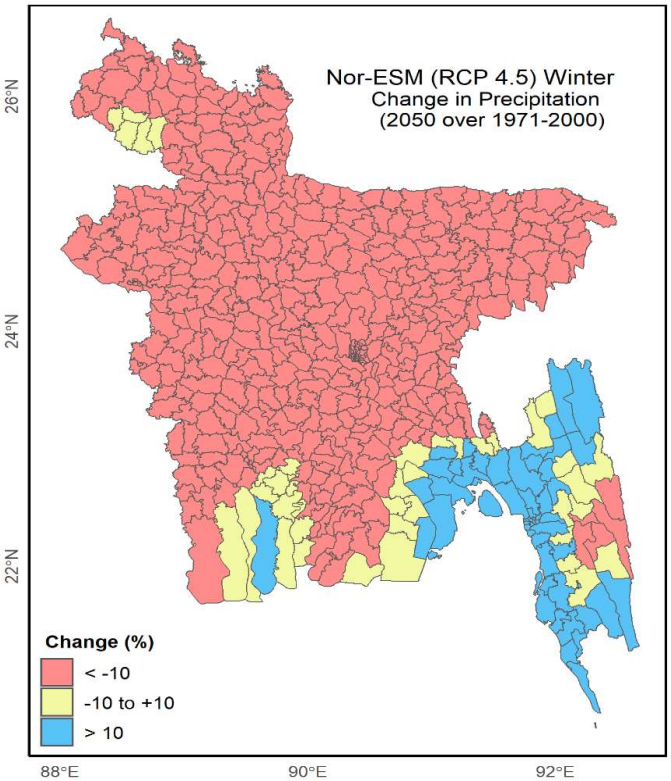


Fig. 6.17: Percentage of change in rainfall projection(RCP4.5) for post-monsoon and winter for the year 2050 in Bangladesh.

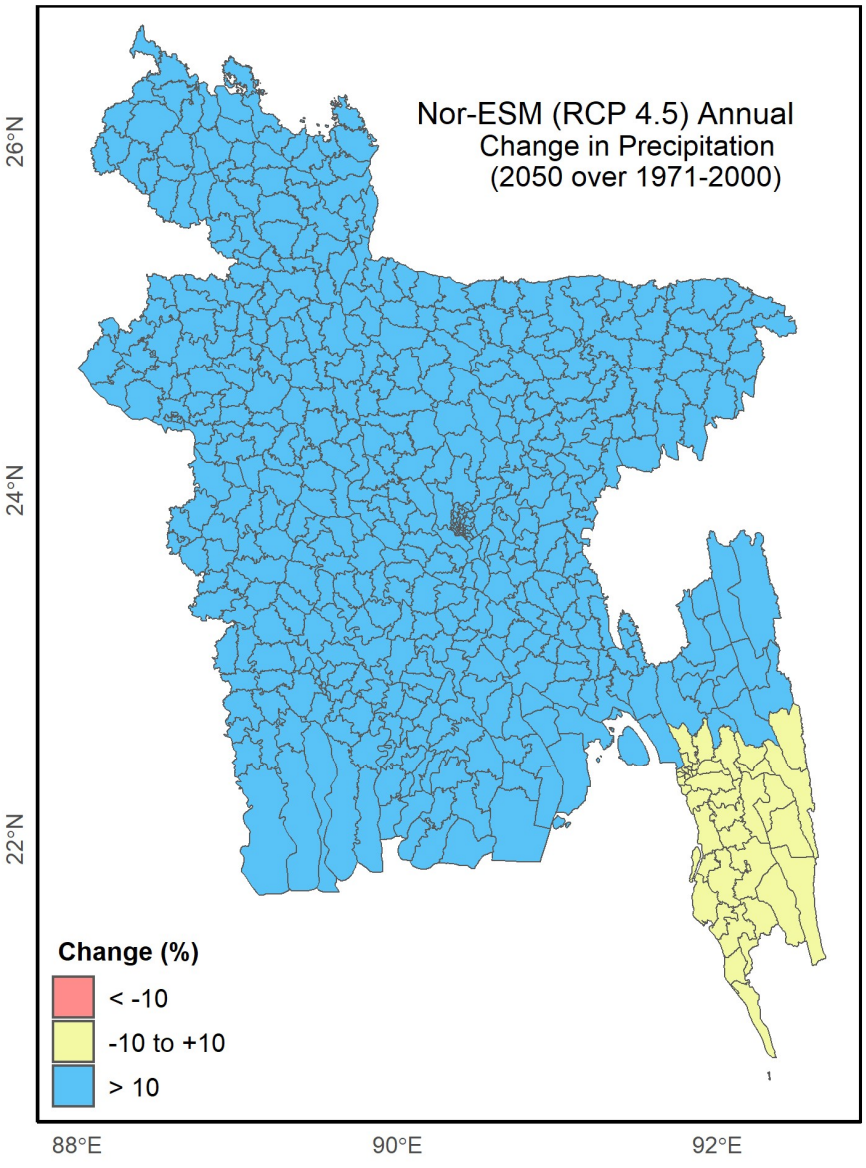
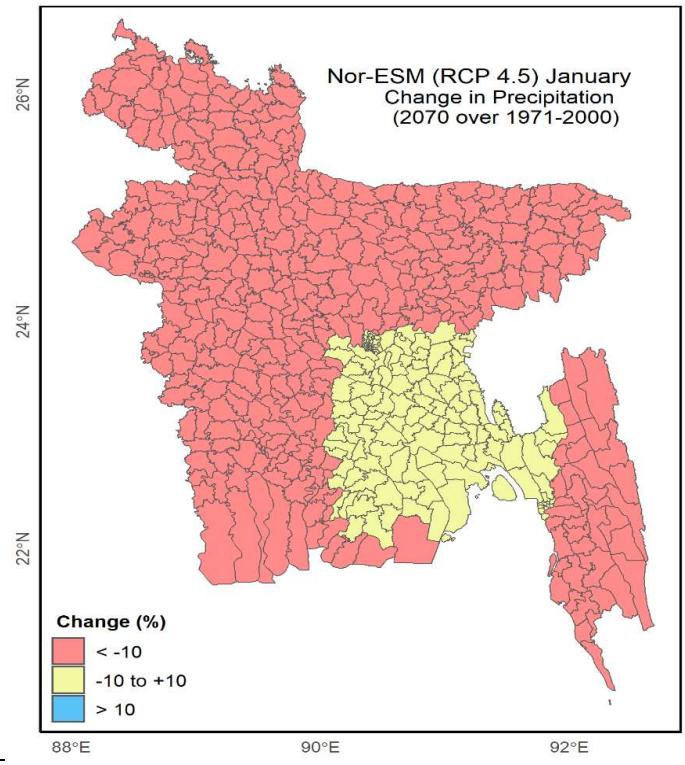


Fig. 6.18: Percentage of change in rainfall projection(RCP4.5) for annual for the year 2050 in Bangladesh.



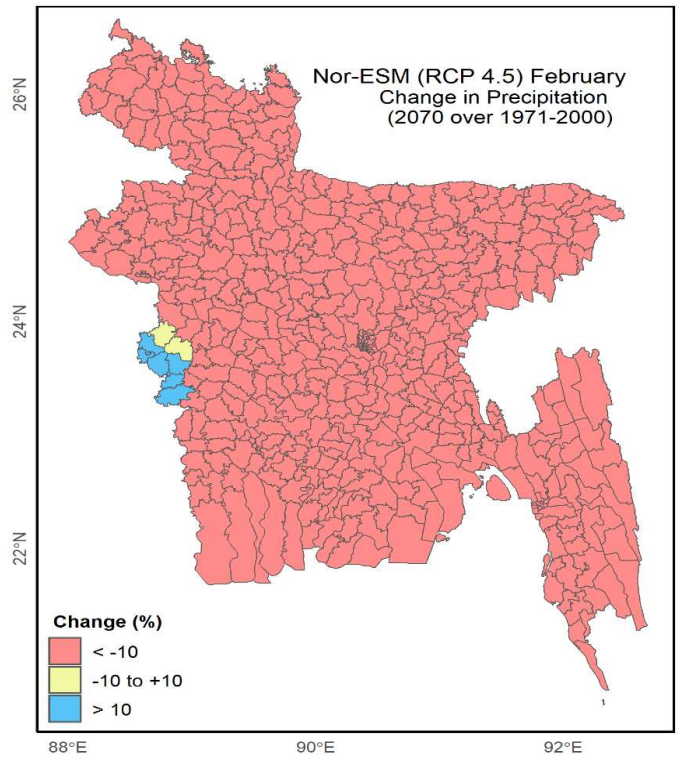
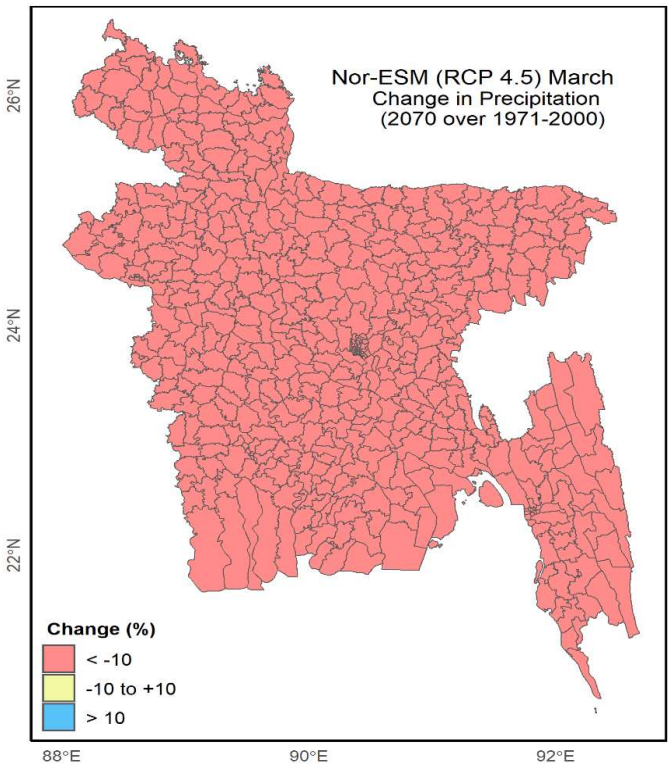


Fig. 6.19: Percentage of change in rainfall projection(RCP4.5) for January and February for the year 2070 in Bangladesh.



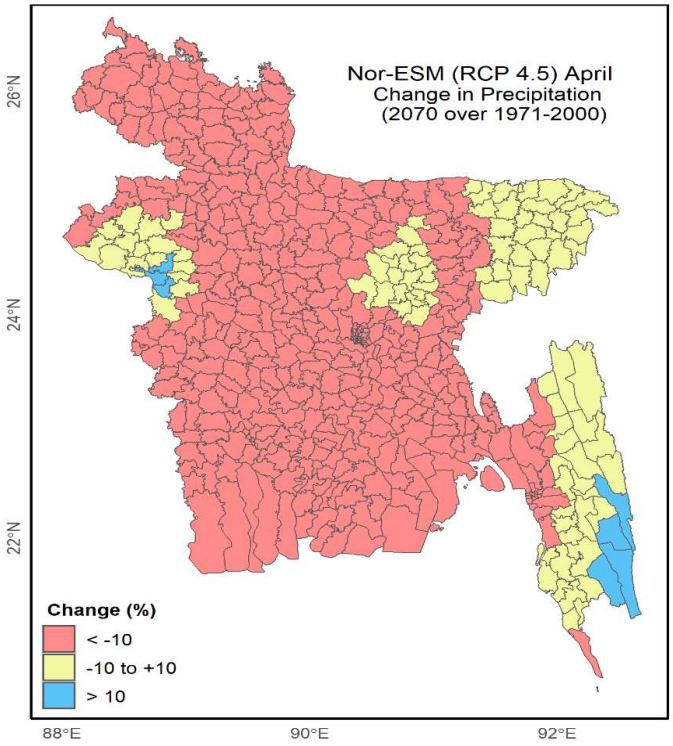
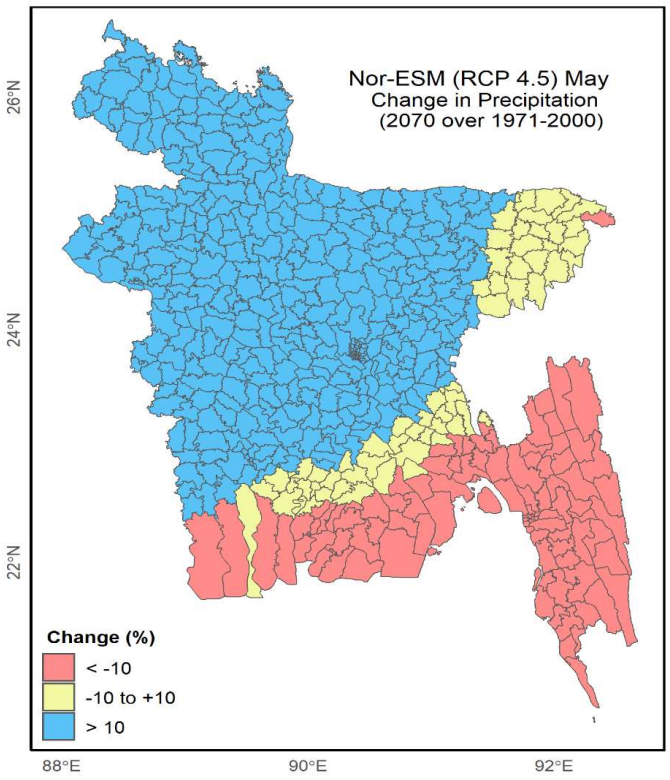


Fig. 6.20: Percentage of change in rainfall projection(RCP4.5) for March and April for the year 2070 in Bangladesh.



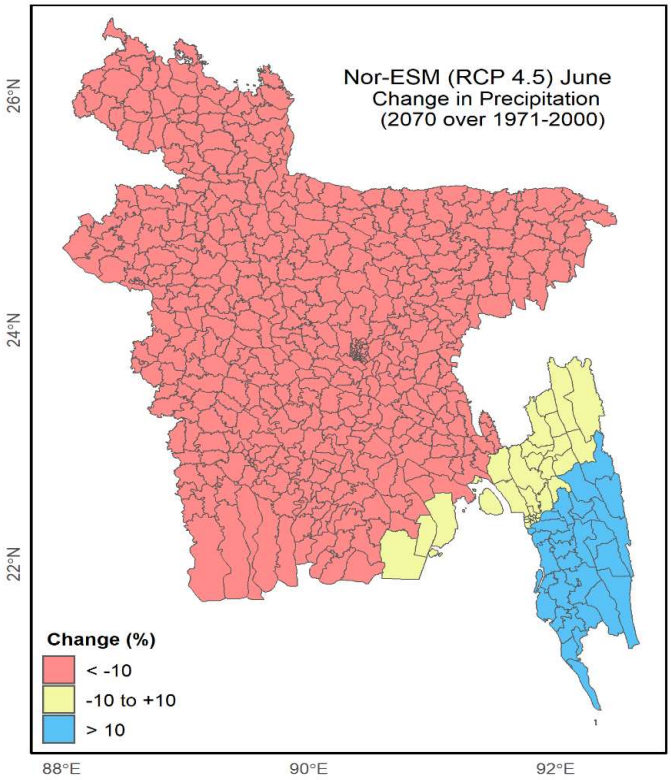
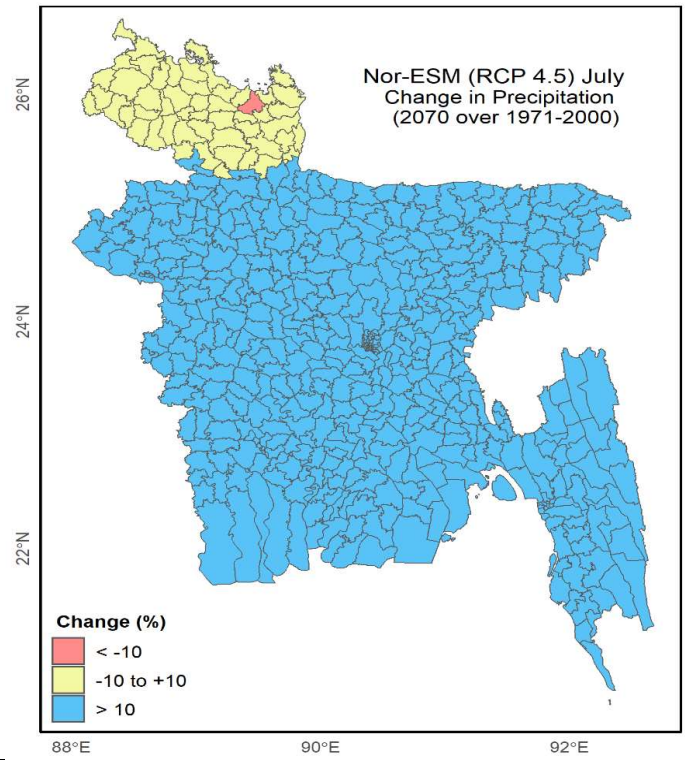


Fig. 6.21: Percentage of change in rainfall projection(RCP4.5) for May and June for the year 2070 in Bangladesh.



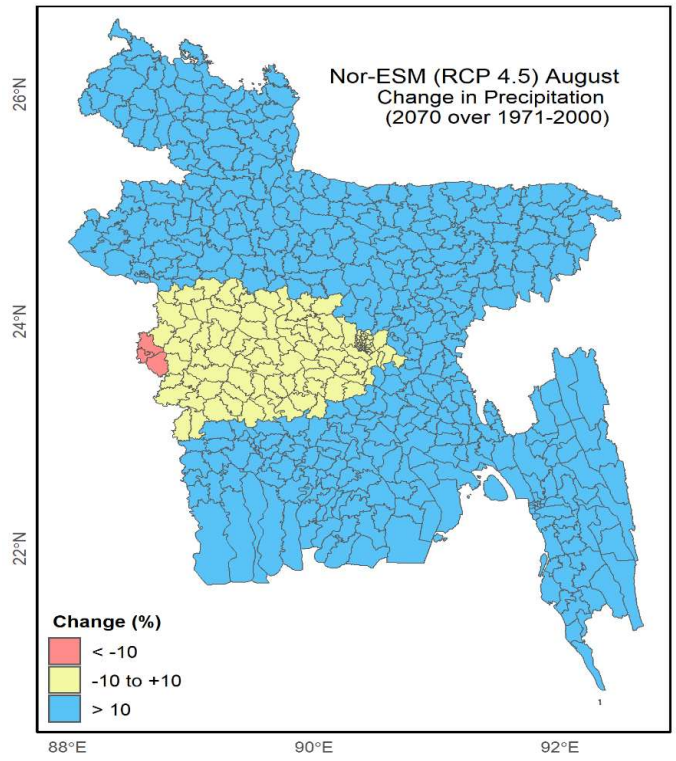
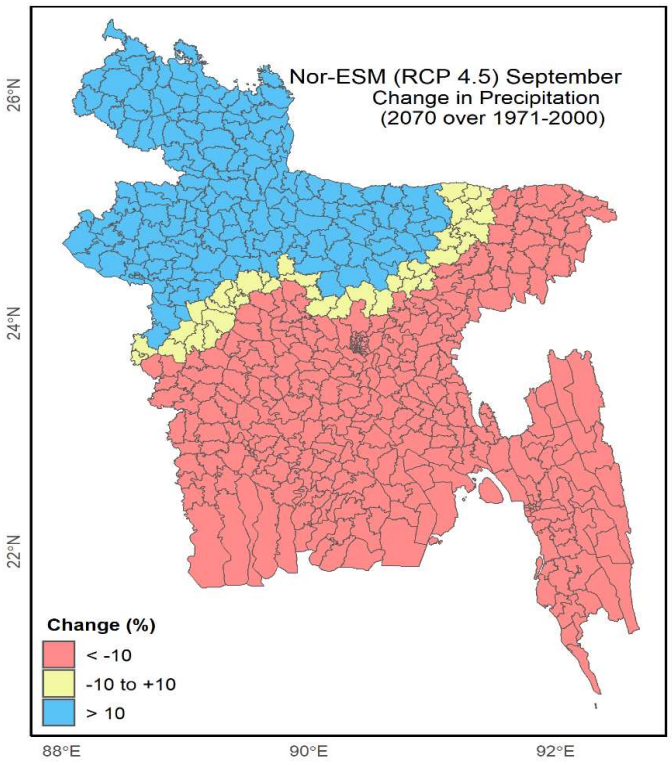


Fig. 6.22: Percentage of change in rainfall projection(RCP4.5) for July and August for the year 2070 in Bangladesh.



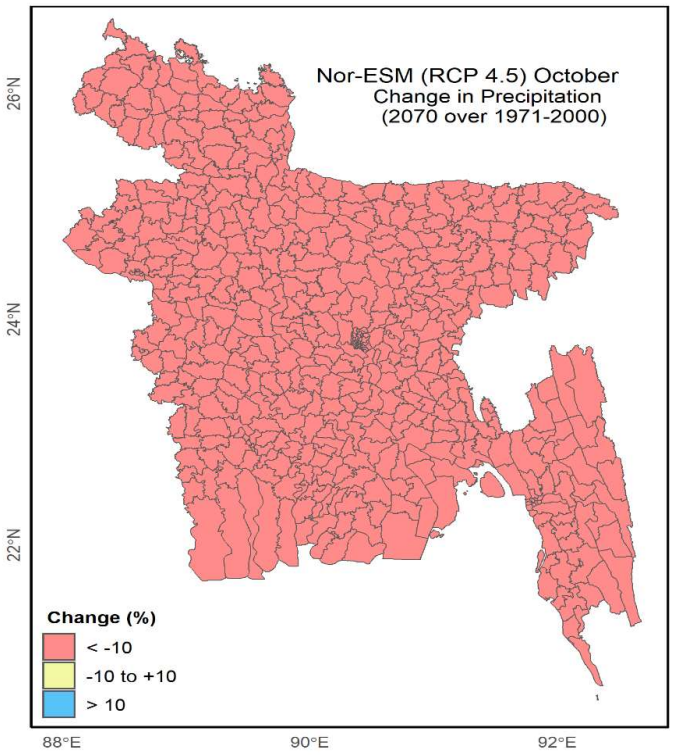
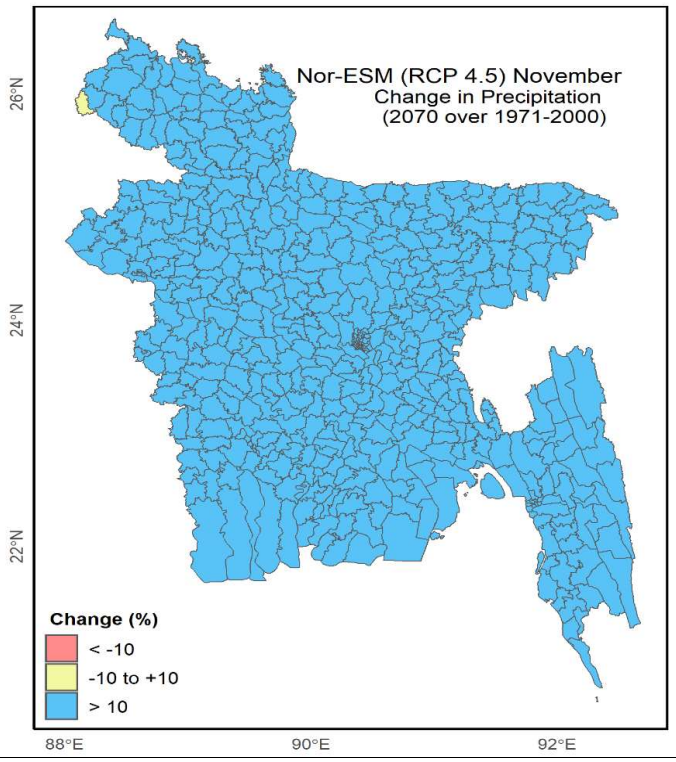


Fig. 6.23: Percentage of change in rainfall projection(RCP4.5) for September and October for the year 2070 in Bangladesh.



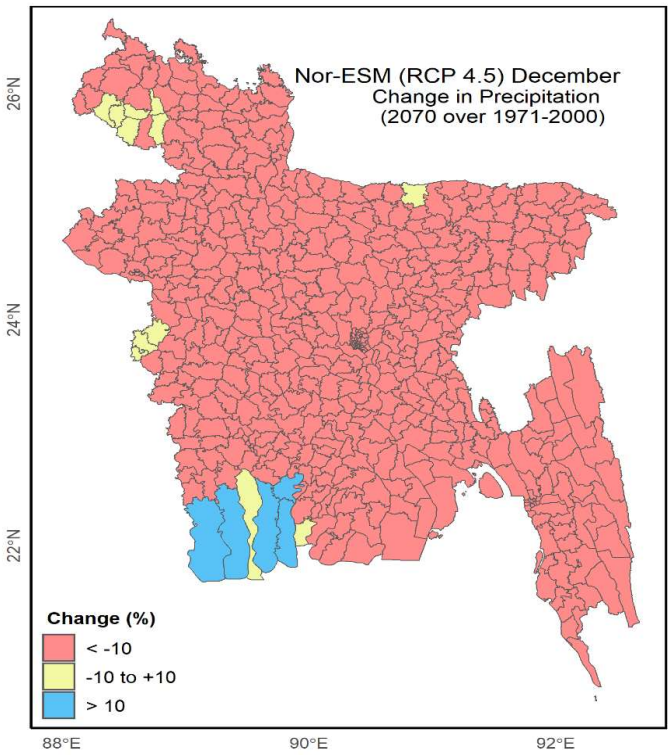
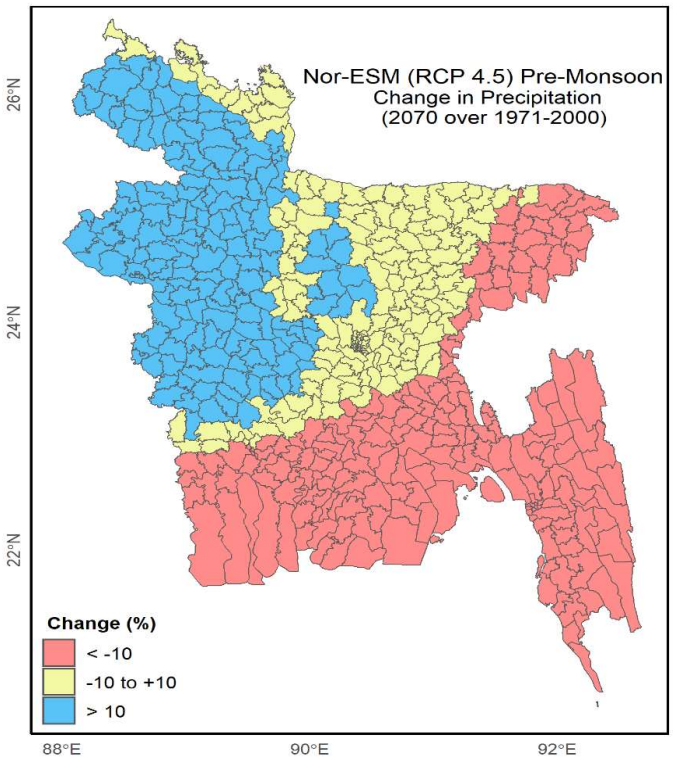


Fig. 6.24: Percentage of change in rainfall projection(RCP4.5) for November and December for the year 2070 in Bangladesh.



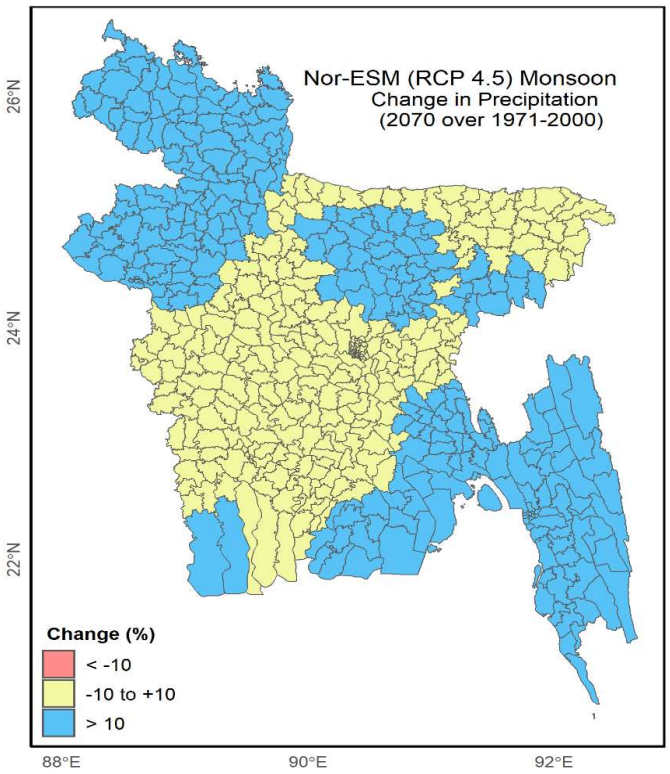
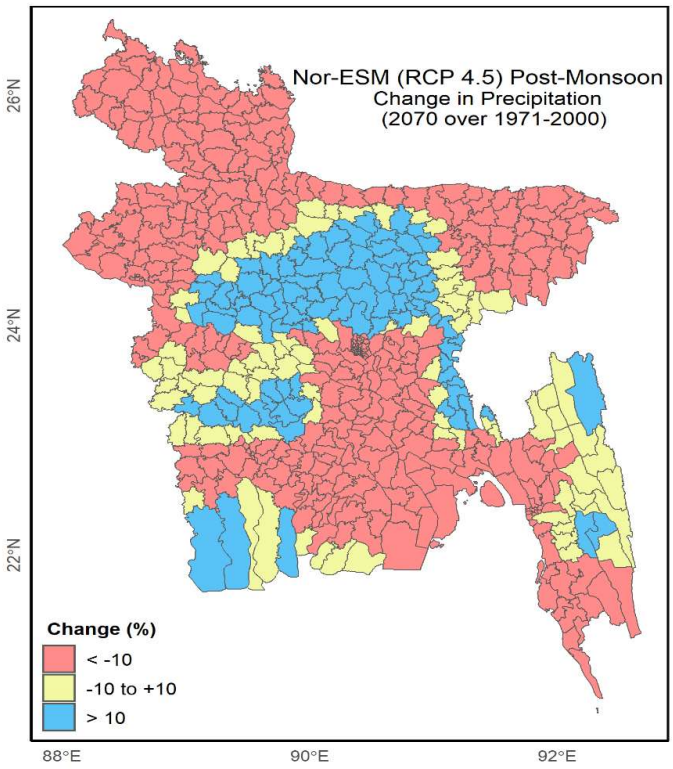


Fig. 6.25: Percentage of change in rainfall projection(RCP4.5) for pre-monsoon and monsoon for the year 2070 in Bangladesh.



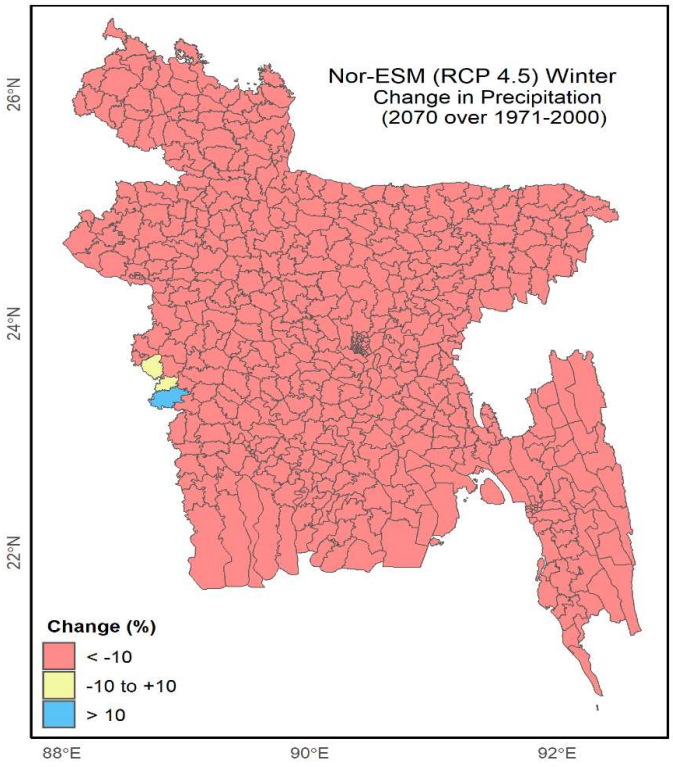


Fig. 6.26: Percentage of change in rainfall projection(RCP4.5) for post-monsoon and winter for the year 2070 in Bangladesh.

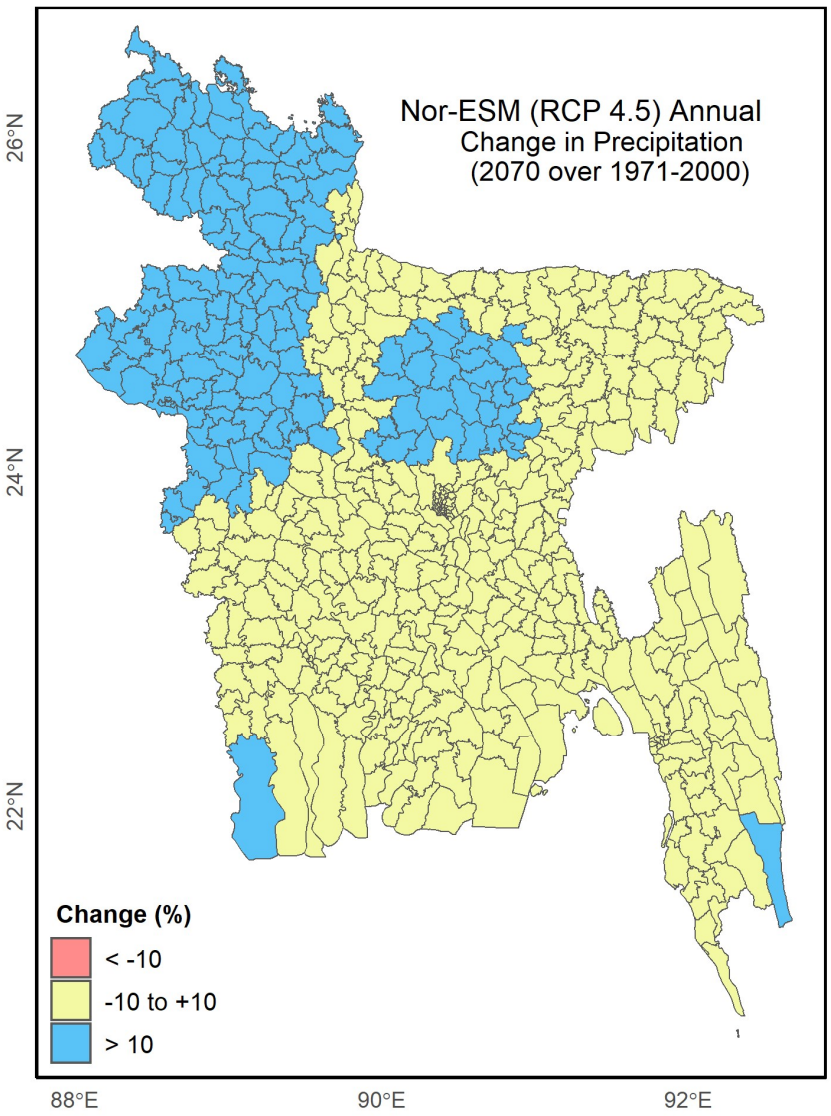
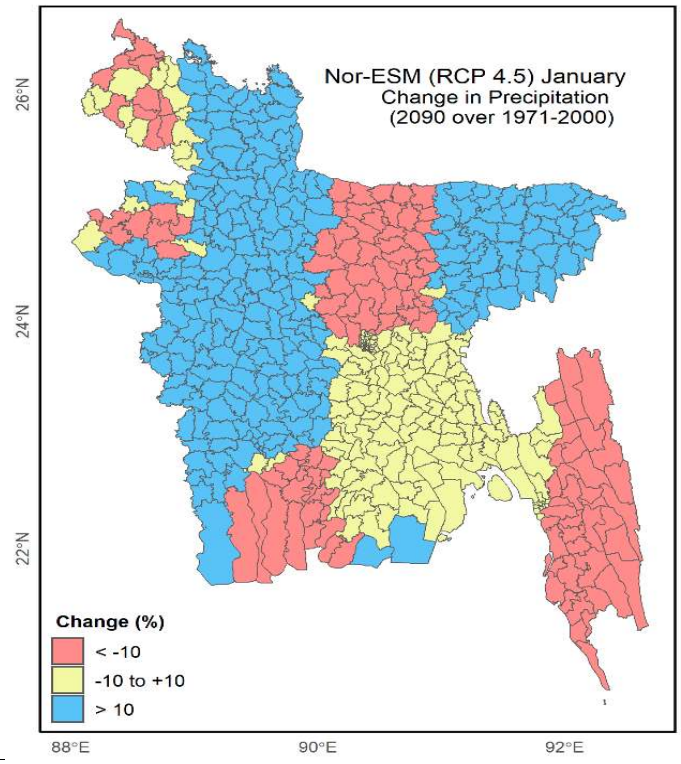


Fig. 6.27: Percentage of change in rainfall projection(RCP4.5) for annual for the year 2070 in Bangladesh.



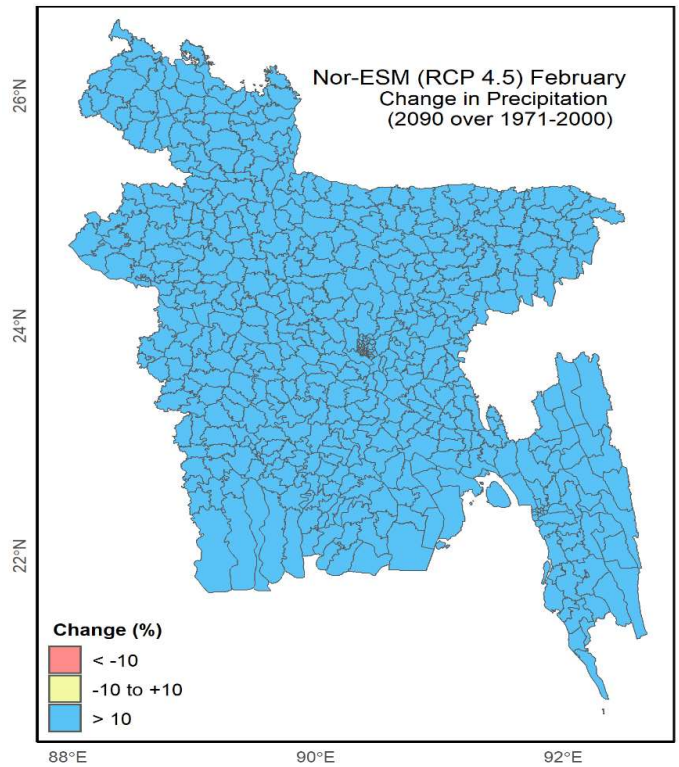
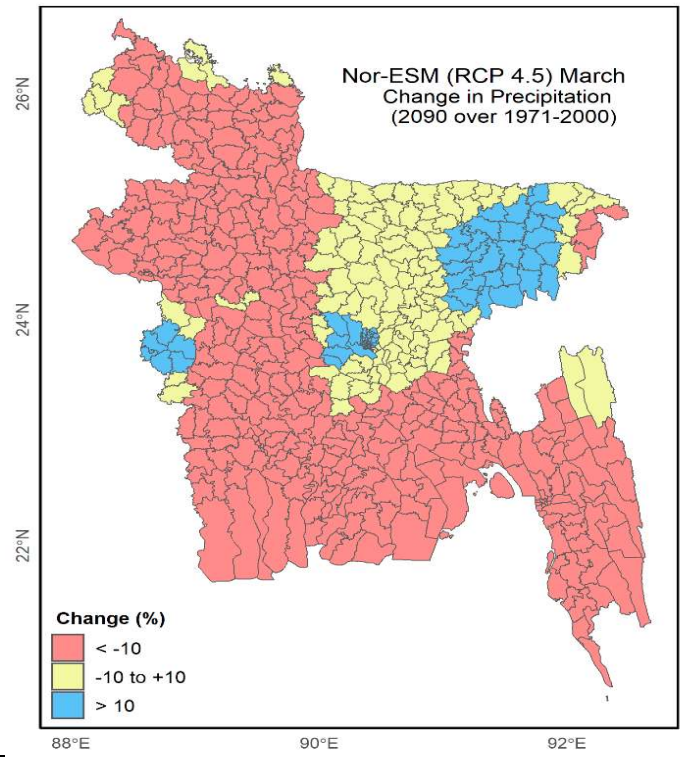


Fig. 6.28: Percentage of change in rainfall projection(RCP4.5) for January and February for the year 2090 in Bangladesh.



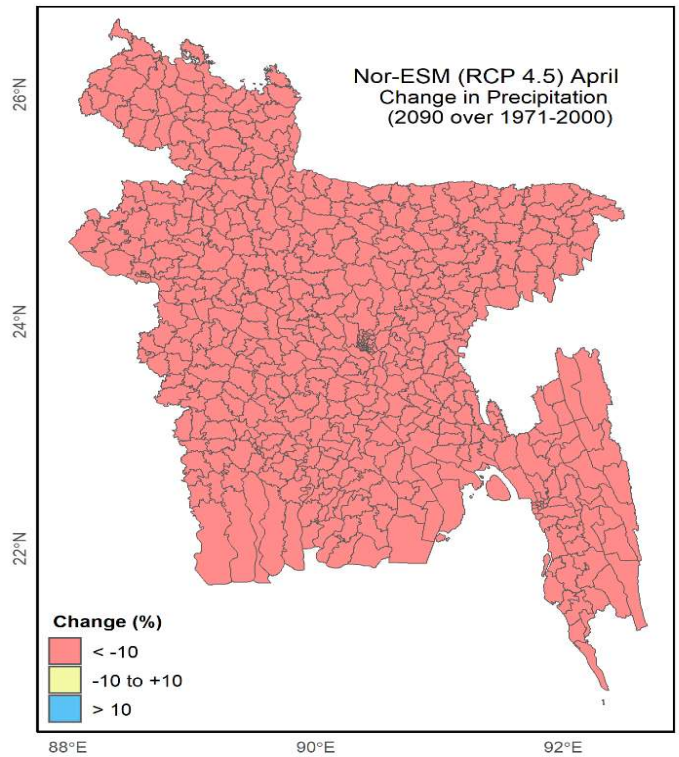
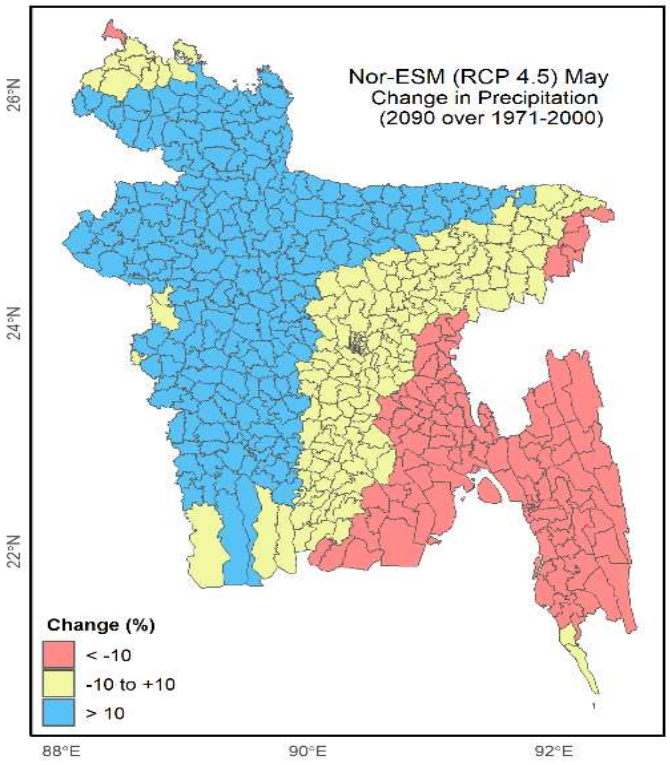


Fig. 6.29: Percentage of change in rainfall projection(RCP4.5) for March and April for the year 2090 in Bangladesh.



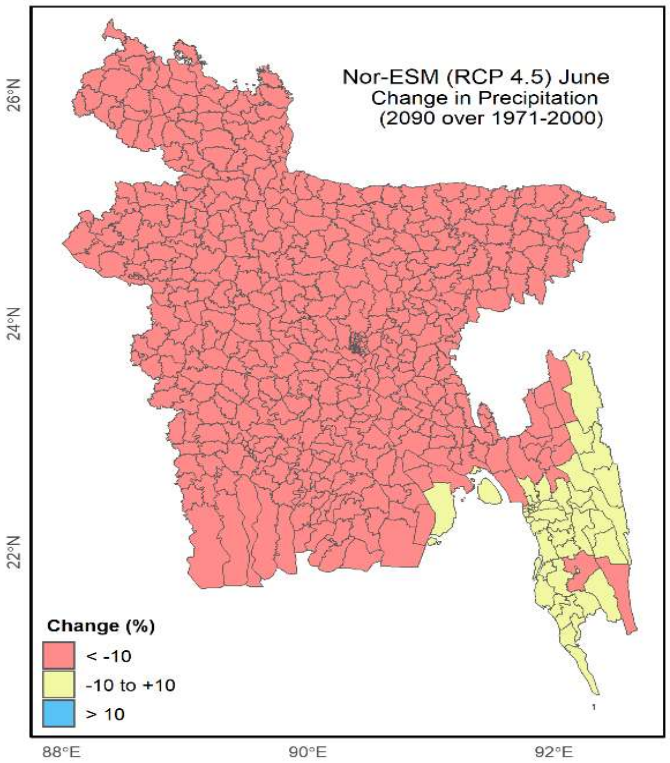
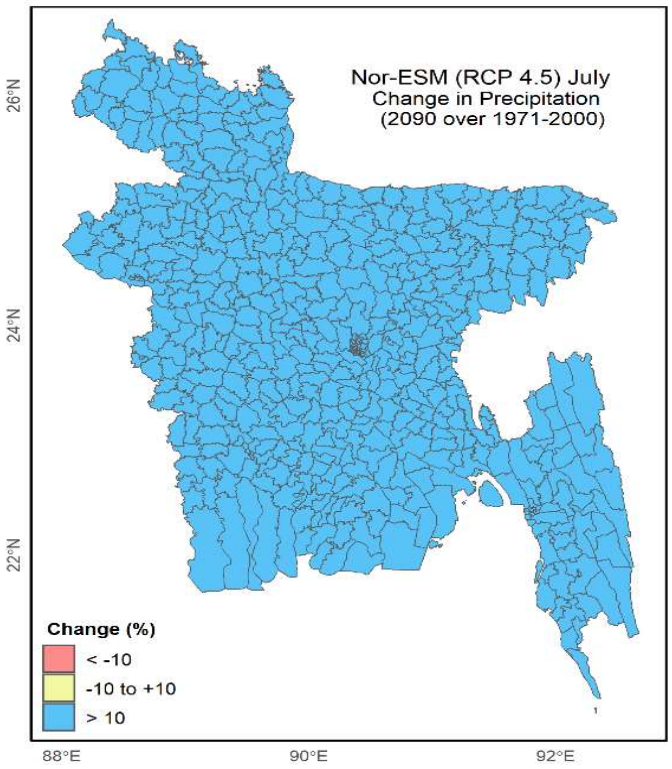


Fig. 6.30: Percentage of change in rainfall projection(RCP4.5) for May and June for the year 2090 in Bangladesh.



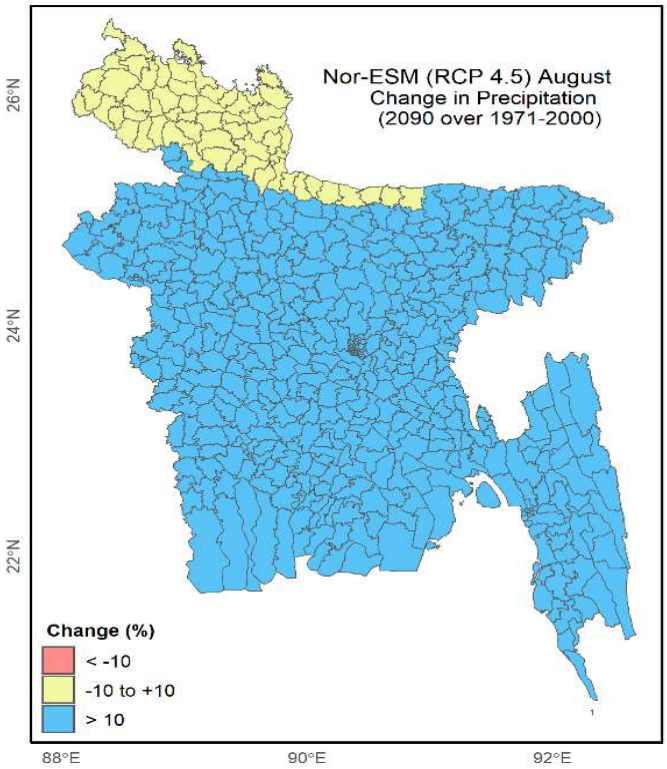
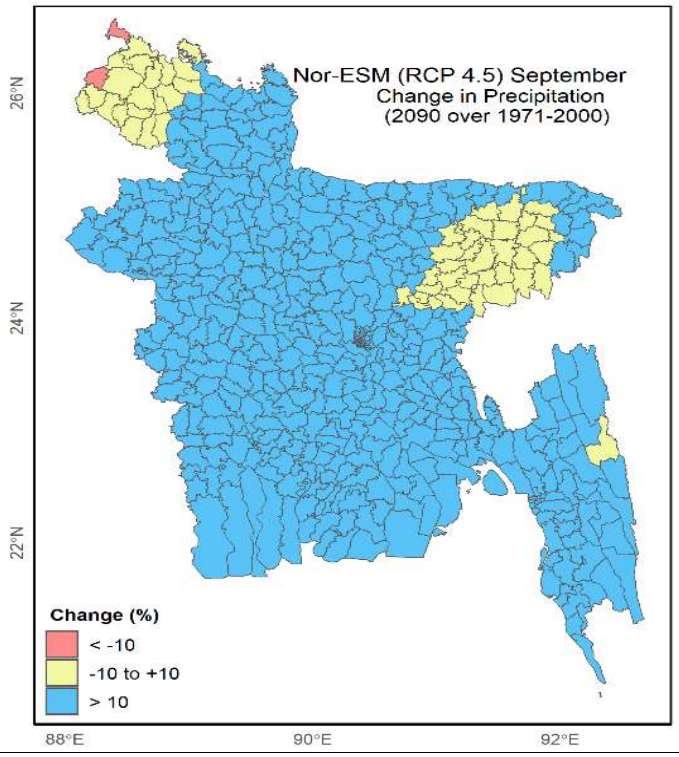


Fig. 6.31: Percentage of change in rainfall projection(RCP4.5) for July and August for the year 2090 in Bangladesh.



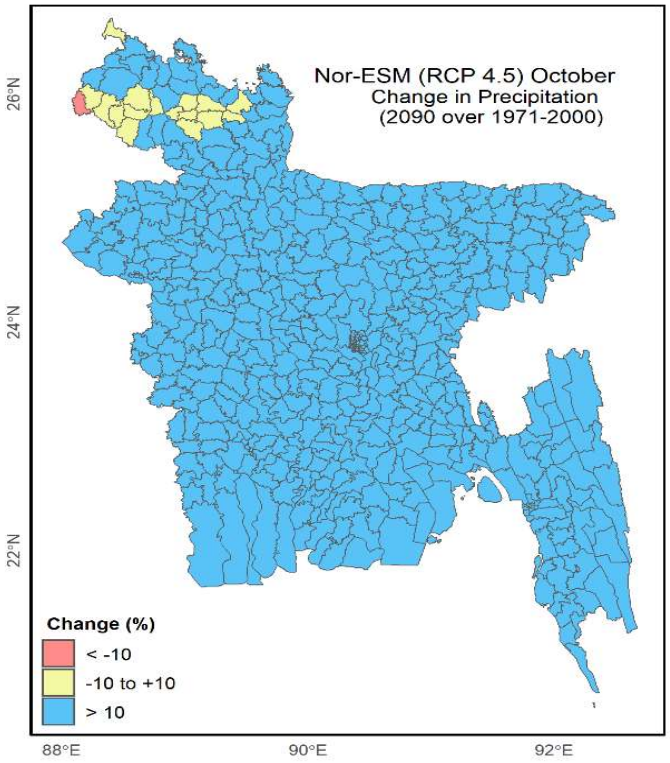
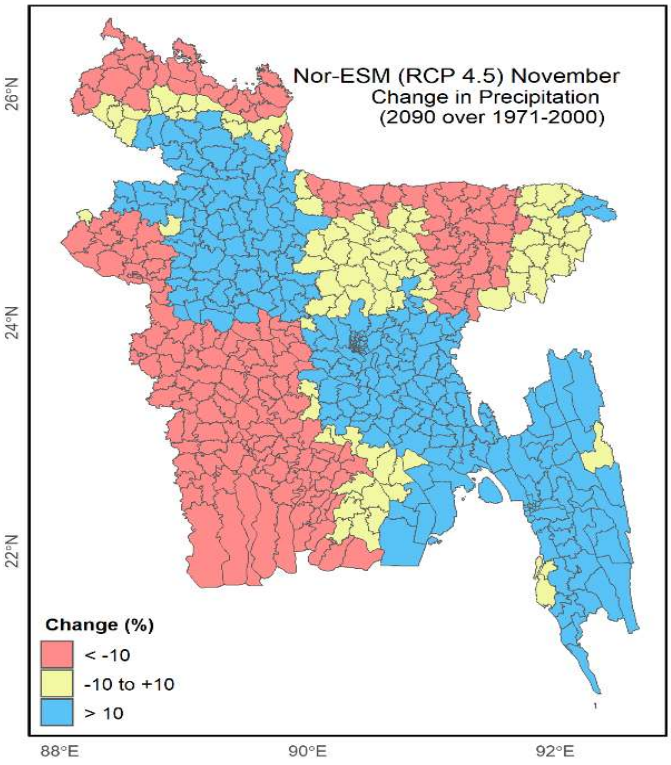


Fig. 6.32: Percentage of change in rainfall projection(RCP4.5) for September and October for the year 2090 in Bangladesh.



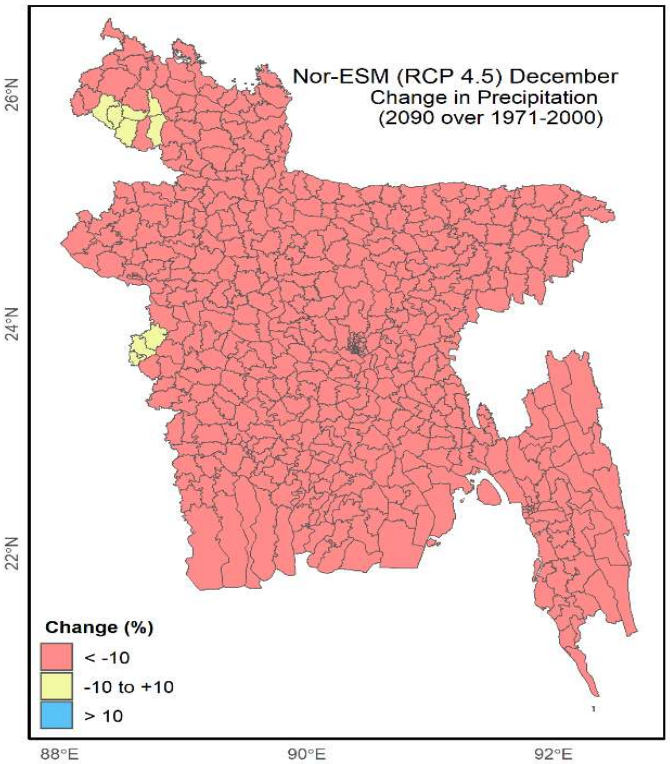
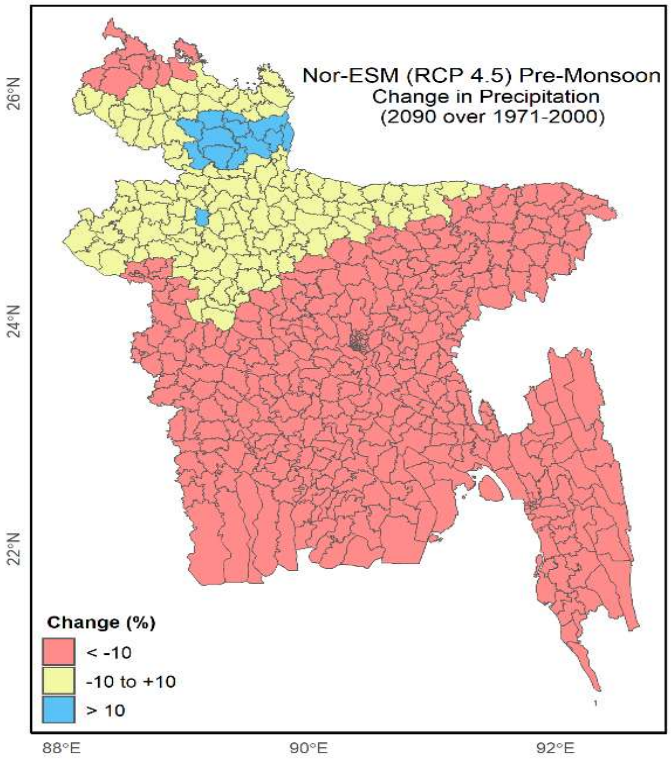


Fig.6.33: Percentage of change in rainfall projection(RCP4.5) for November and December for the year 2090 in Bangladesh.



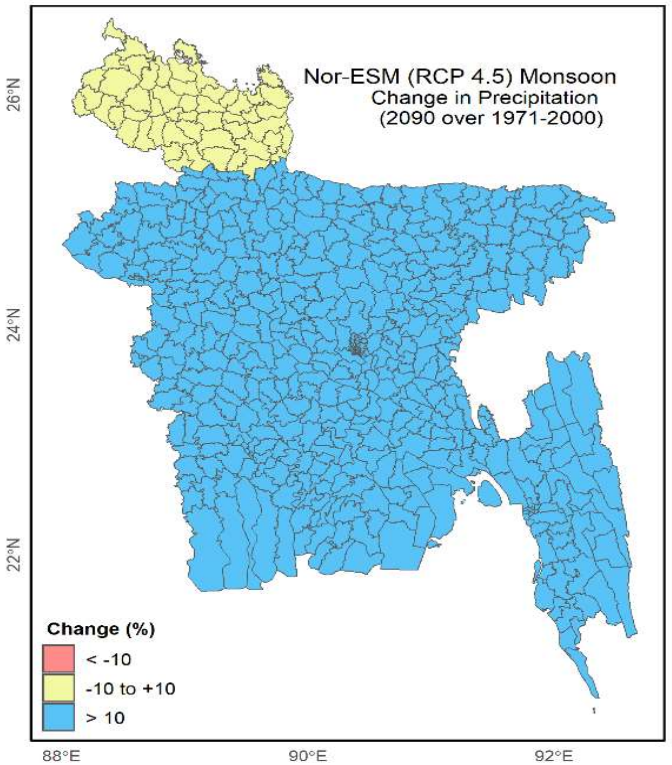
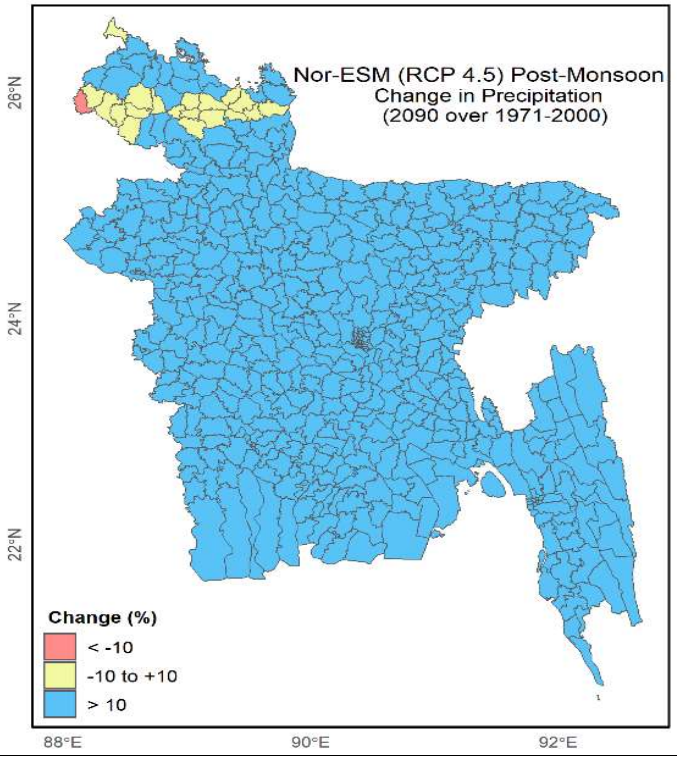


Fig.6.34: Percentage of change in rainfall projection(RCP4.5) for pre-monsoon and monsoon for the year 2090 in Bangladesh.



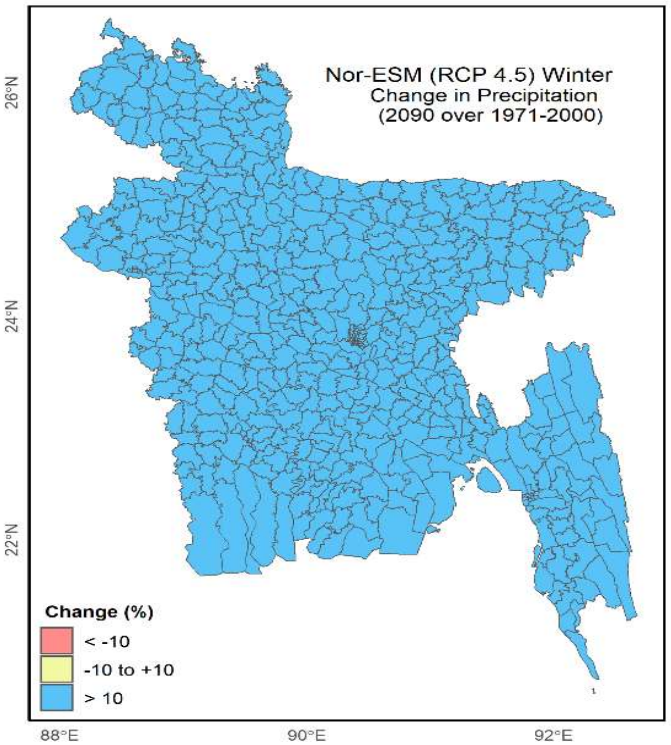


Fig.6.35: Percentage of change in rainfall projection(RCP4.5) for post-monsoon and winter for the year 2030 in Bangladesh.

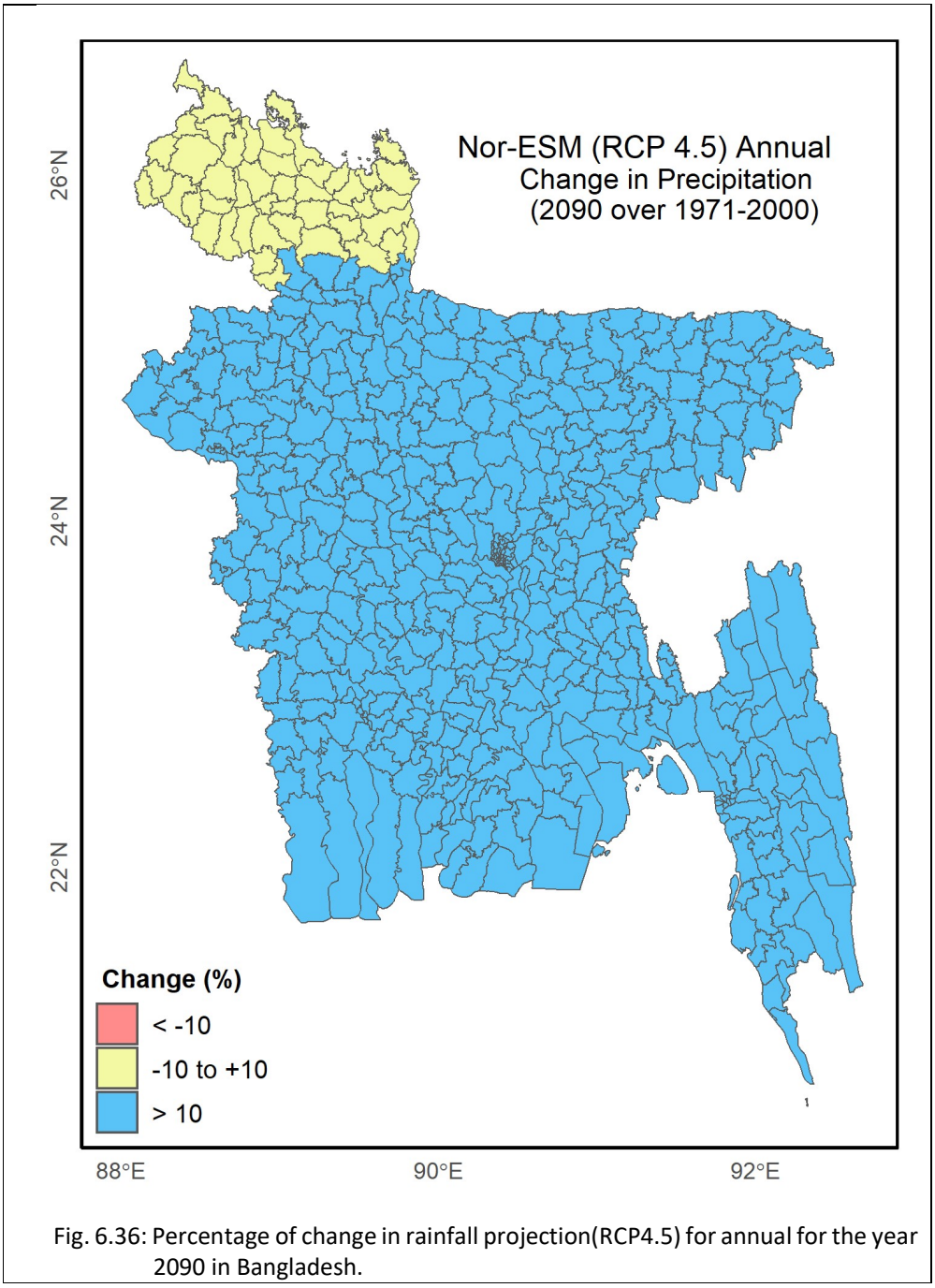
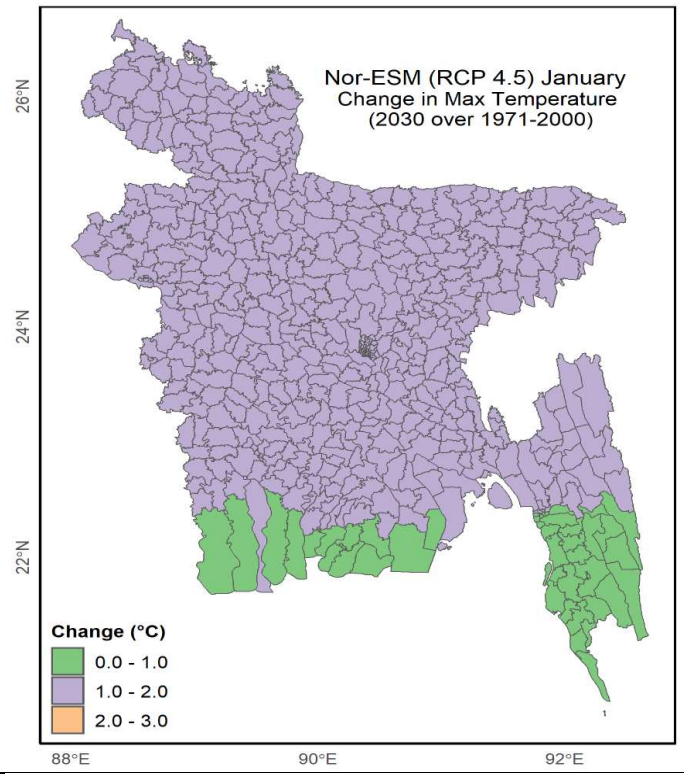


Fig. 6.36: Percentage of change in rainfall projection(RCP4.5) for annual for the year 2090 in Bangladesh.



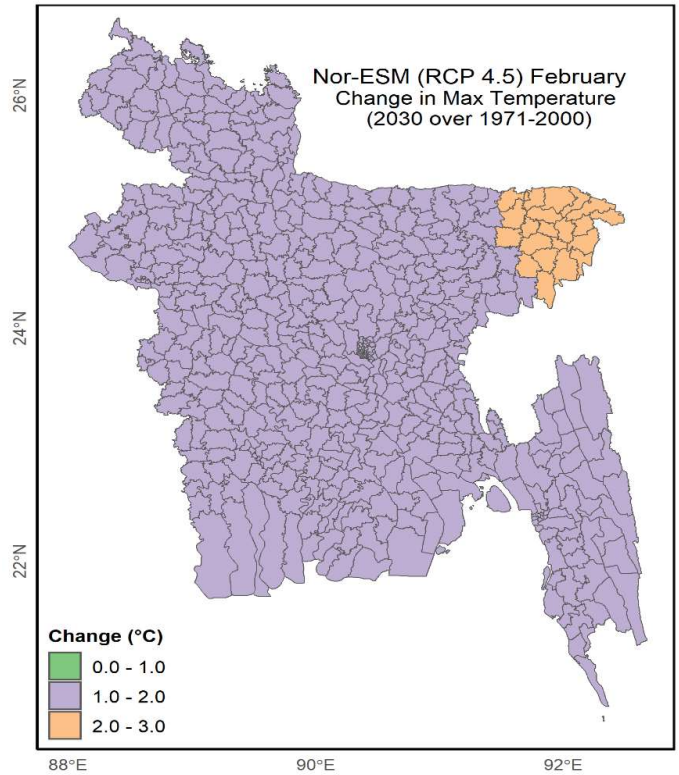
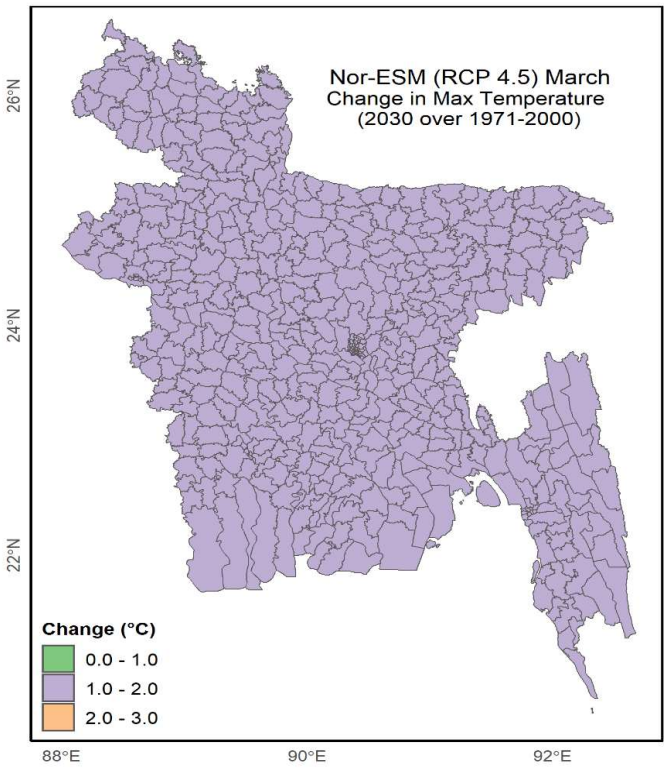


Fig. 6.37: Projected maximum temperature change (in°C) under RCP4.5 for January and February for the year 2030 in Bangladesh.



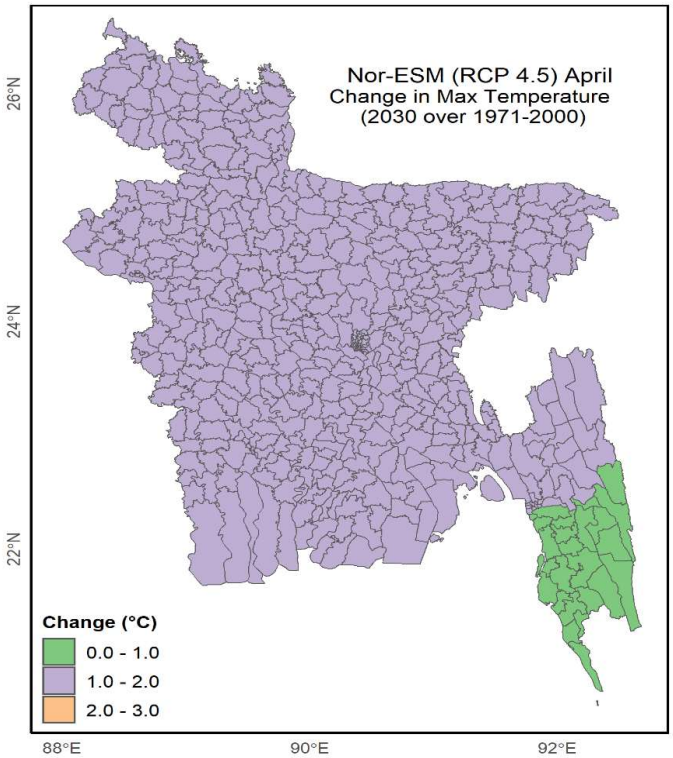
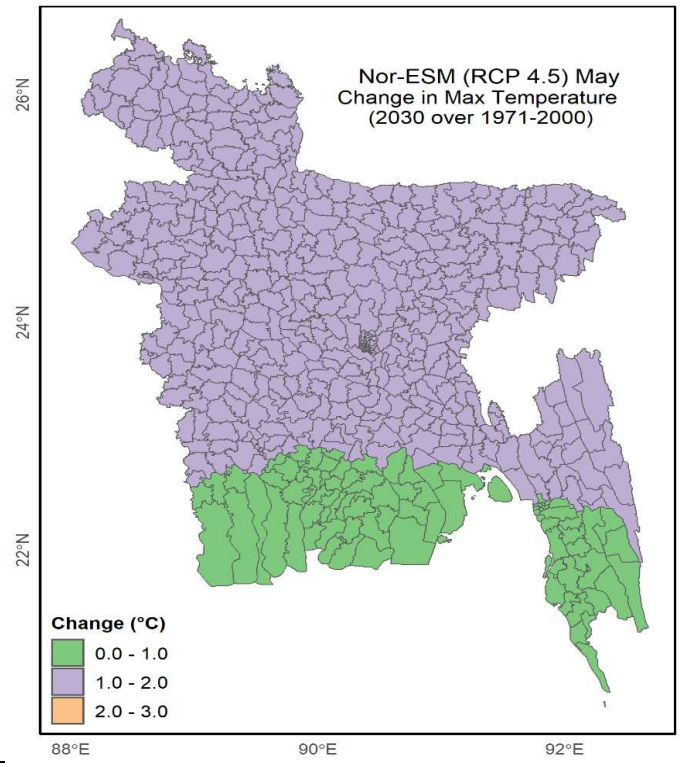


Fig. 6.38: Projected maximum temperature change (in°C) under RCP4.5 for March and April for the year 2030 in Bangladesh.



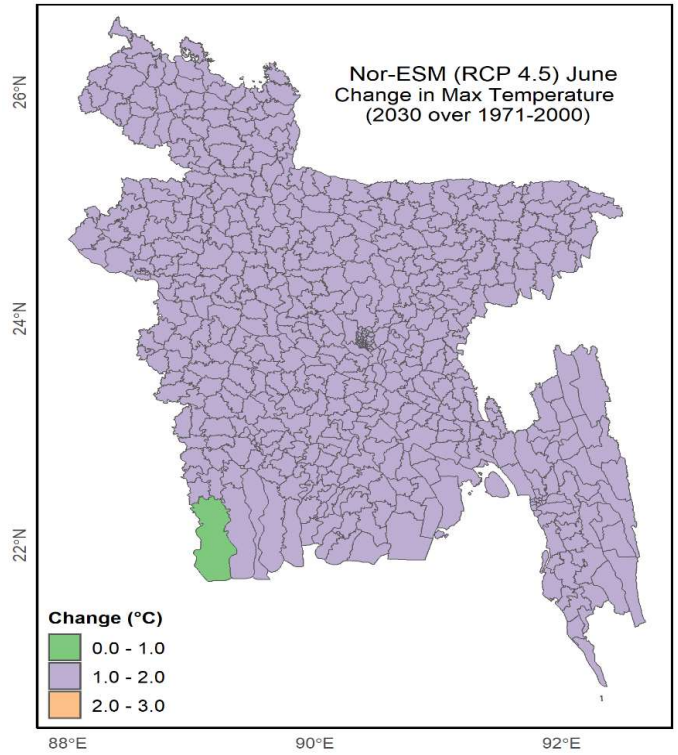
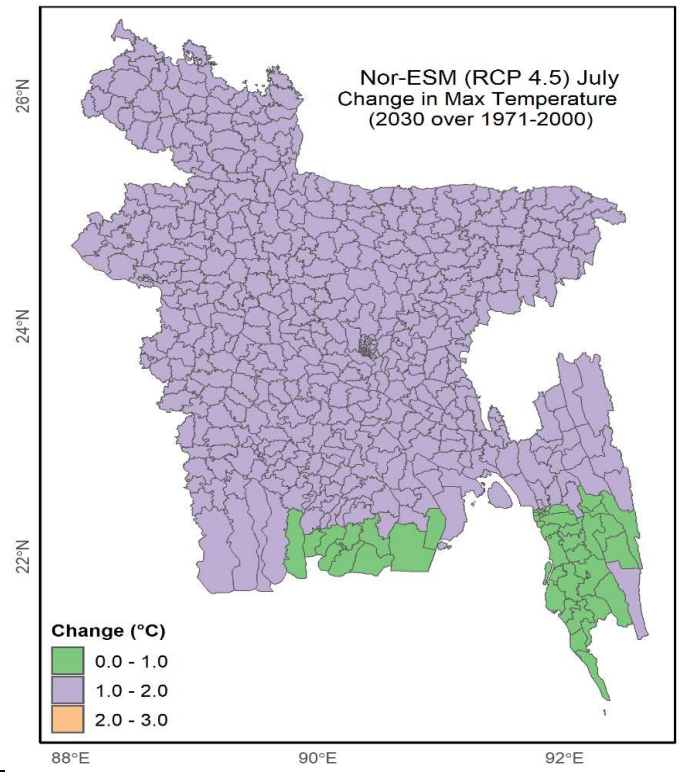


Fig. 6.39: Projected maximum temperature change (in°C) under RCP4.5 for May and June for the year 2030 in Bangladesh.



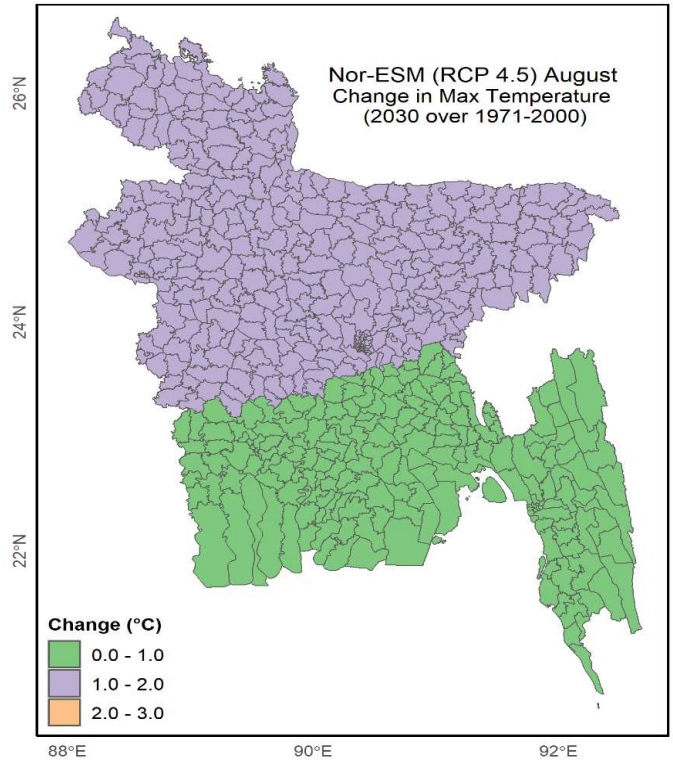
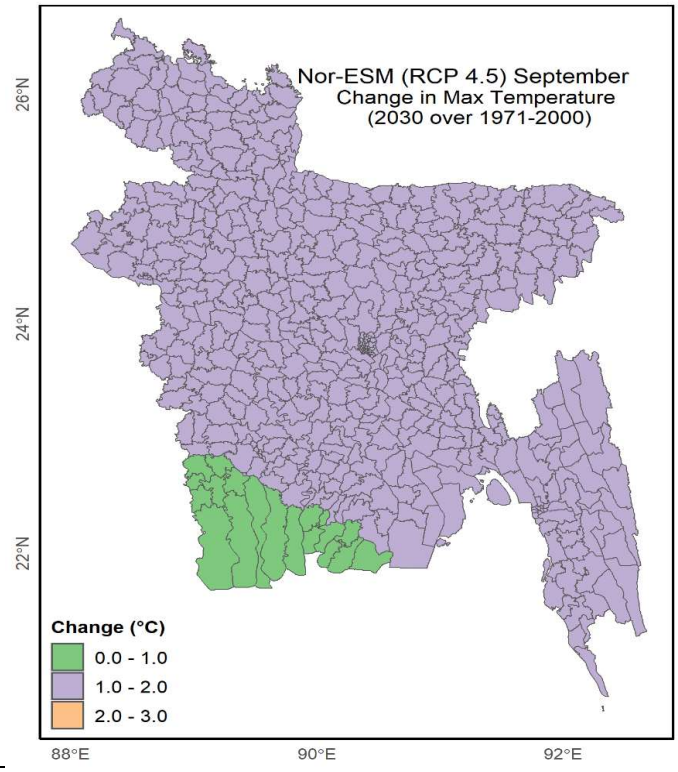


Fig. 6.40: Projected maximum temperature change (in°C) under RCP4.5 for July and August for the year 2030 in Bangladesh.



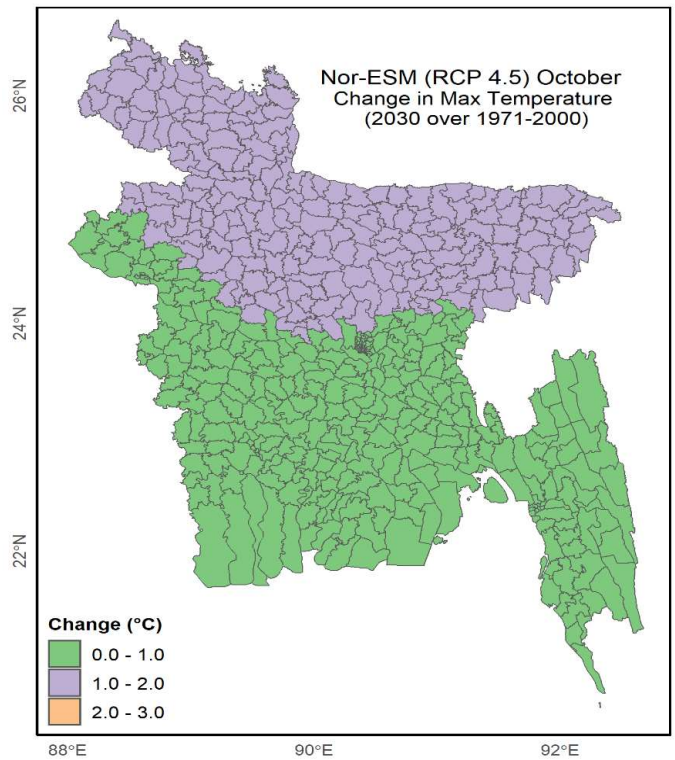
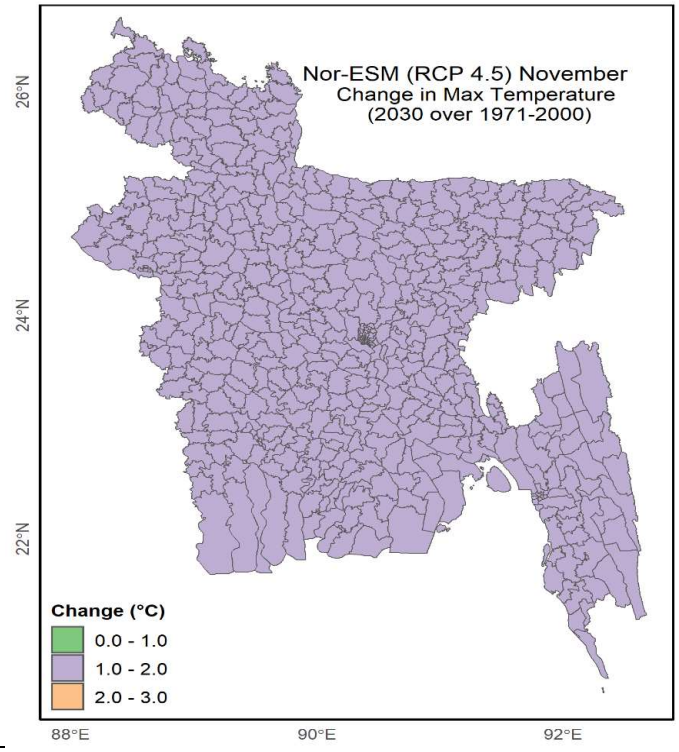


Fig. 6.41: Projected maximum temperature change (in°C) under RCP4.5 for September and October for the year 2030 in Bangladesh.



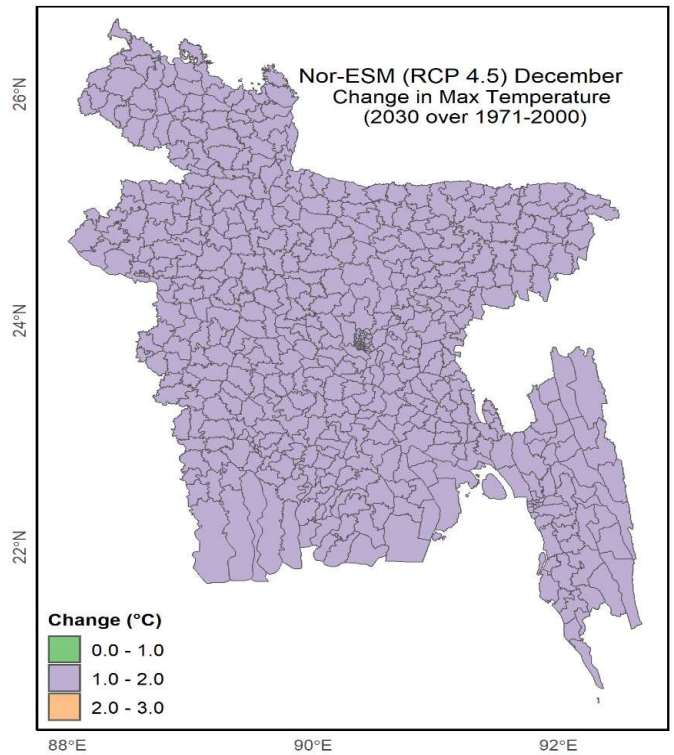
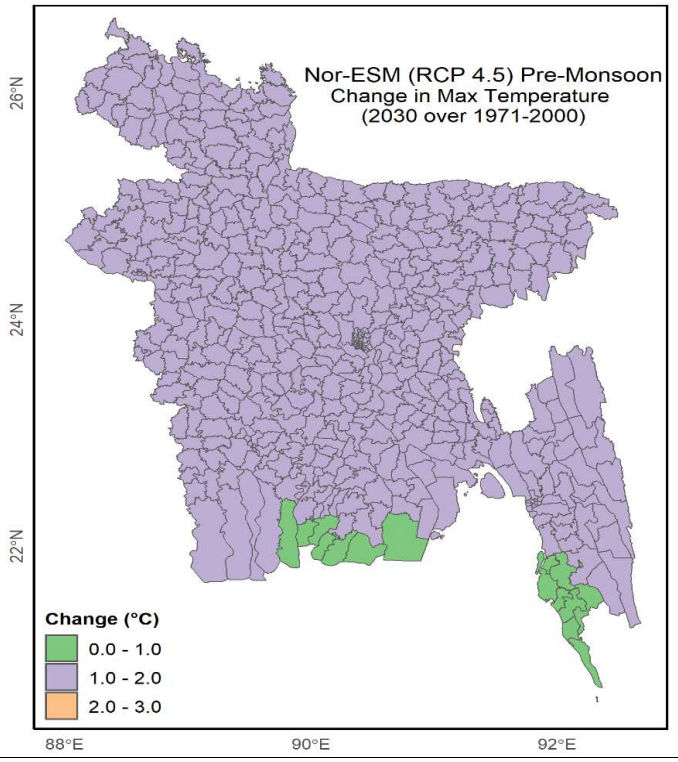


Fig. 6.42: Projected maximum temperature change (in°C) under RCP4.5 for November and December for the year 2030 in Bangladesh.



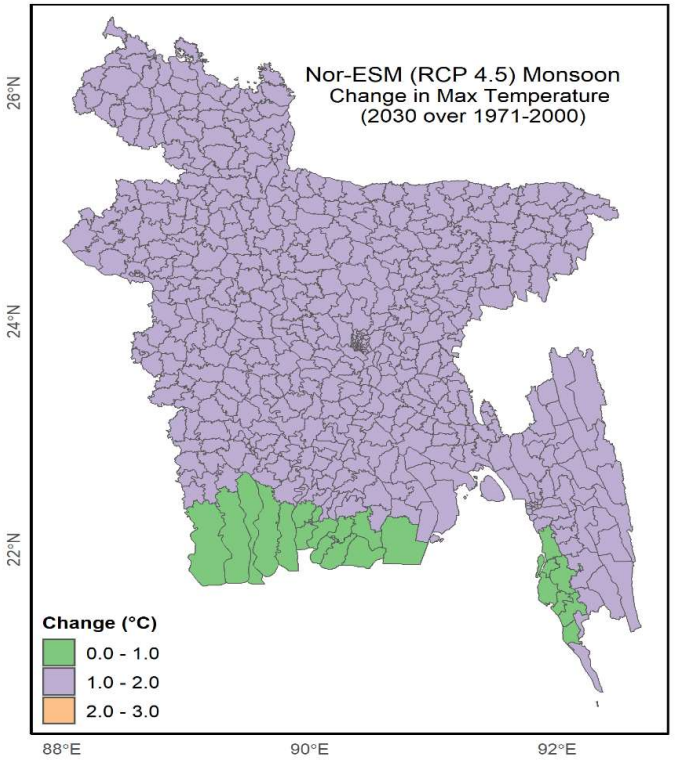
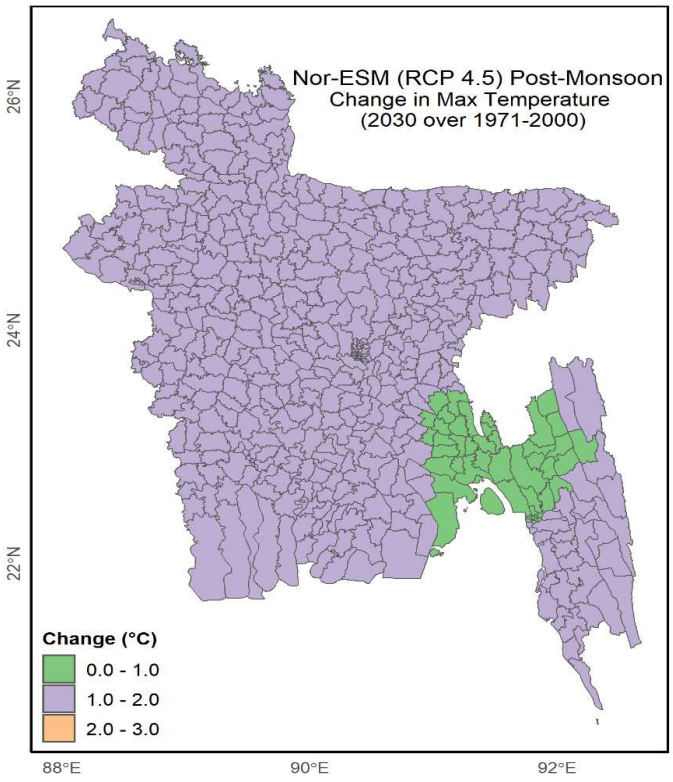


Fig. 6.43: Projected maximum temperature change (in°C) under RCP4.5 for pre-monsoon and monsoon for the year 2030 in Bangladesh.



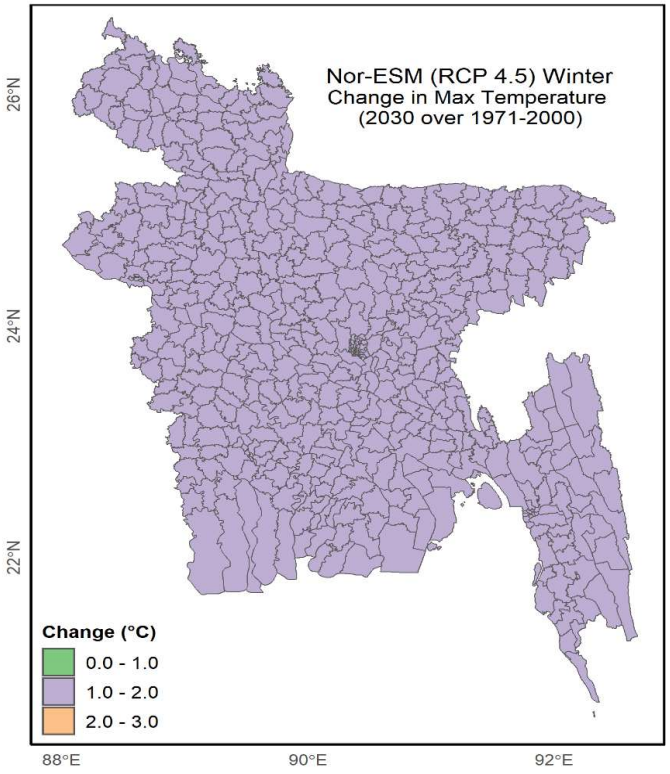


Fig.6.44: Projected maximum temperature change (in°C) under RCP4.5 for post-monsoon and winter for the year 2030 in Bangladesh.

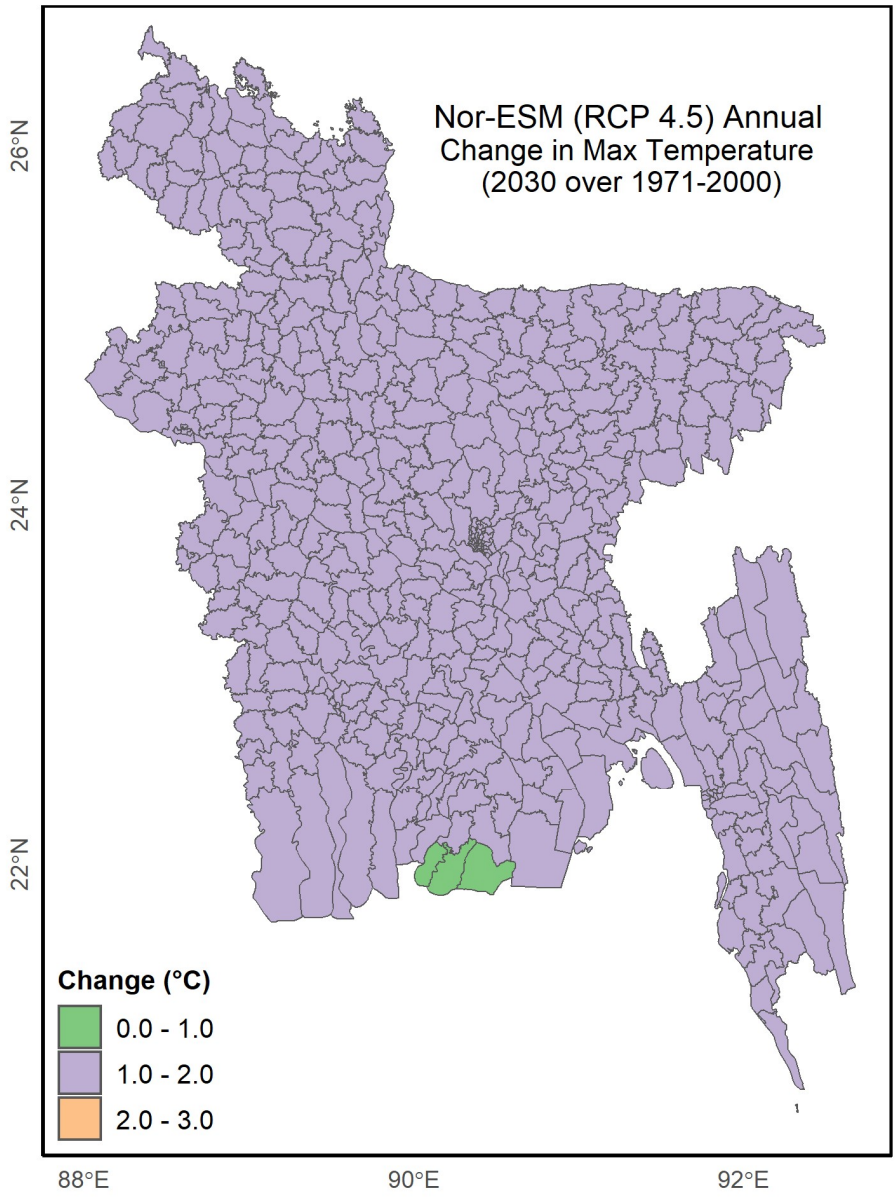
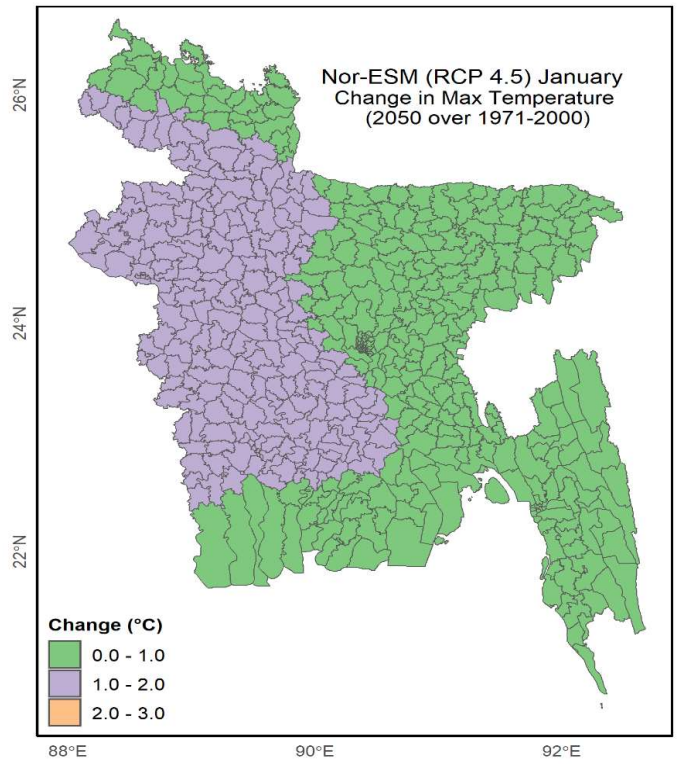


Fig. 6.45: Projected maximum temperature change (in°C) under RCP4.5 for annual for the year 2030 in Bangladesh.



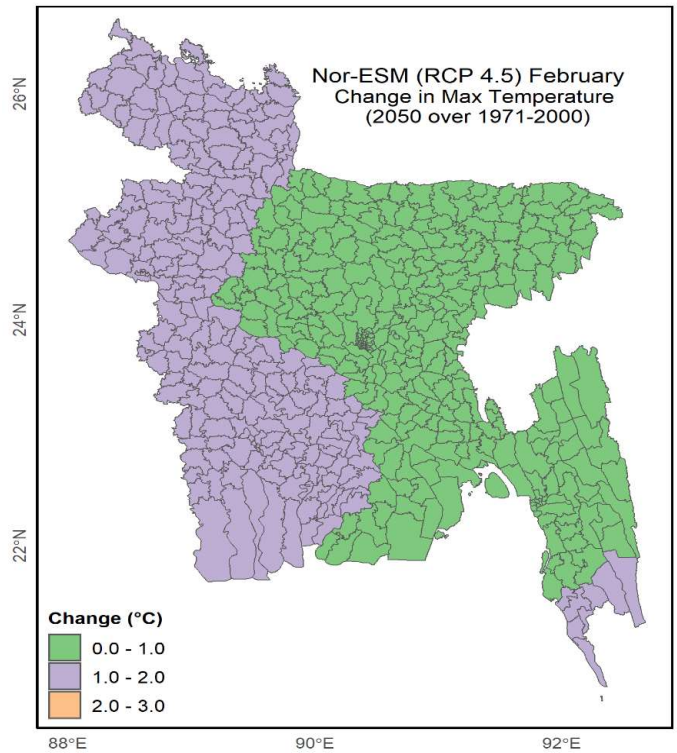
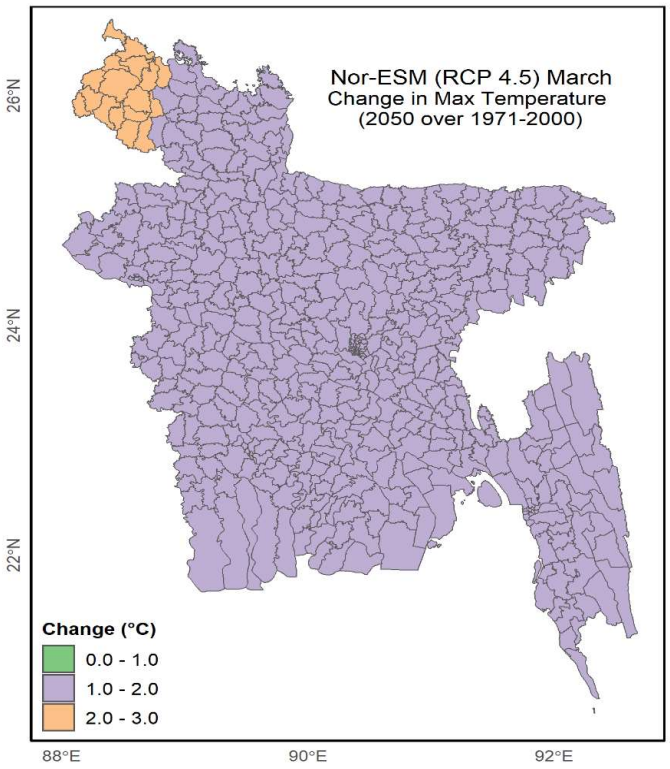


Fig. 6.46: Projected maximum temperature change (in°C) under RCP4.5 for January and February for the year 2050 in Bangladesh.



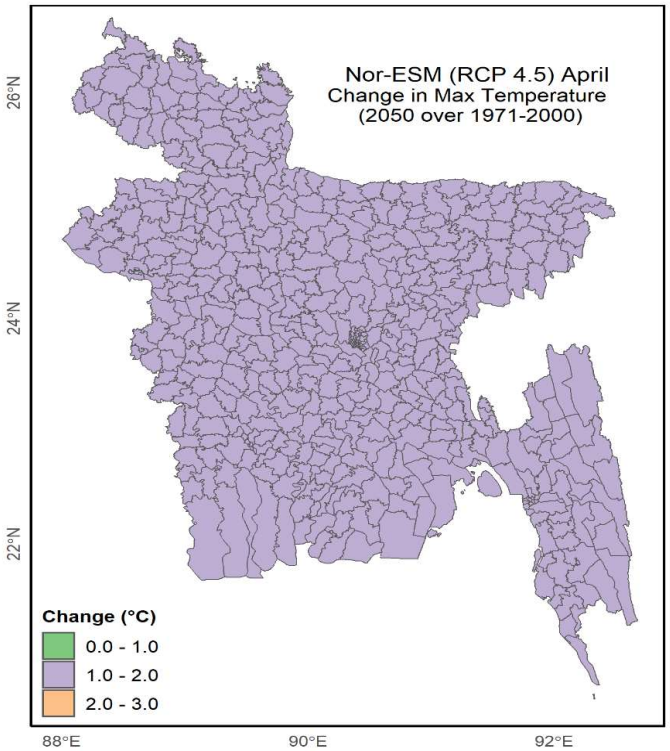
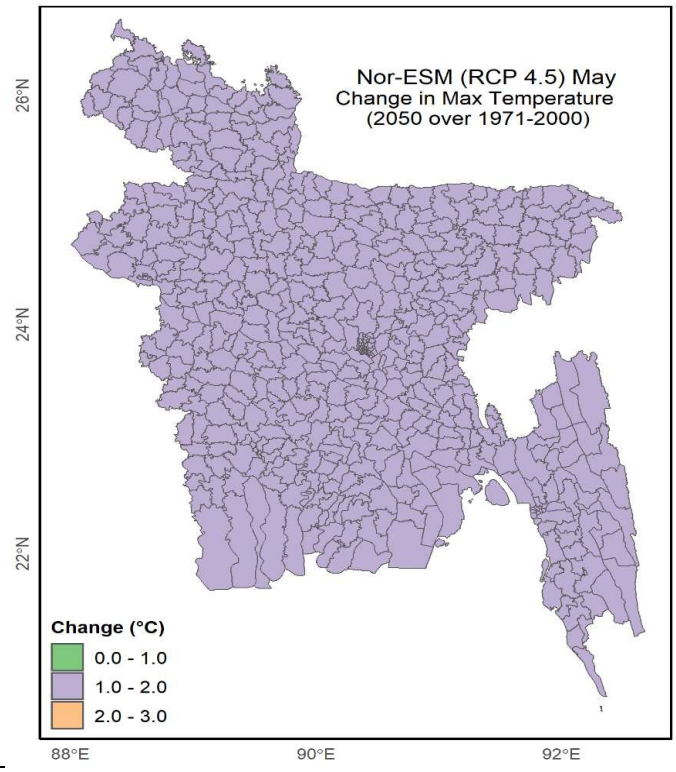


Fig. 6.47: Projected maximum temperature change (in°C) under RCP4.5 for March and April for the year 2050 in Bangladesh.



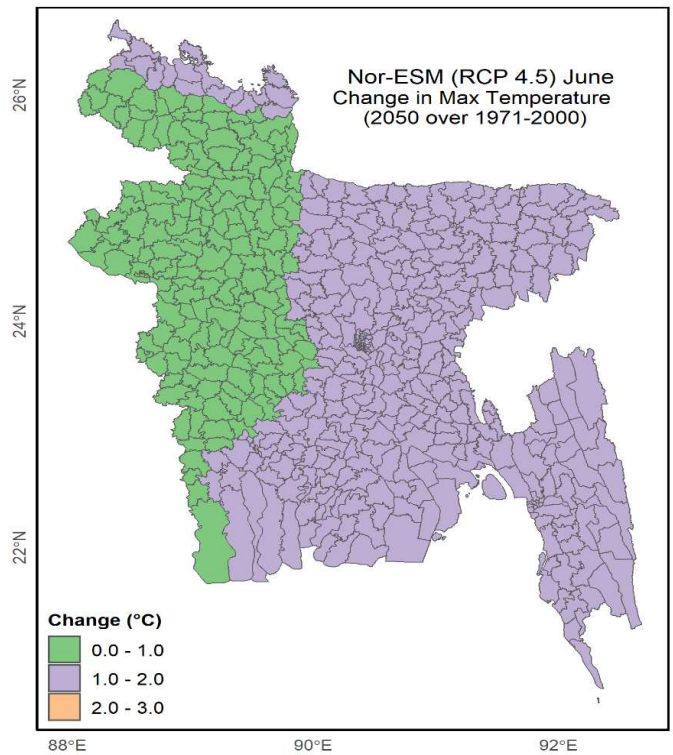
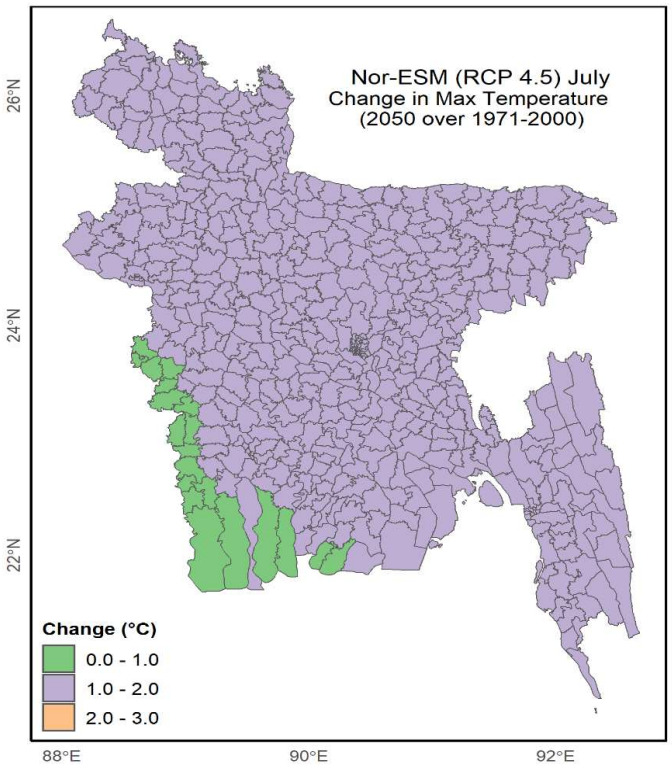


Fig. 6.48: Projected maximum temperature change (in°C) under RCP4.5 for May and June for the year 2050 in Bangladesh.



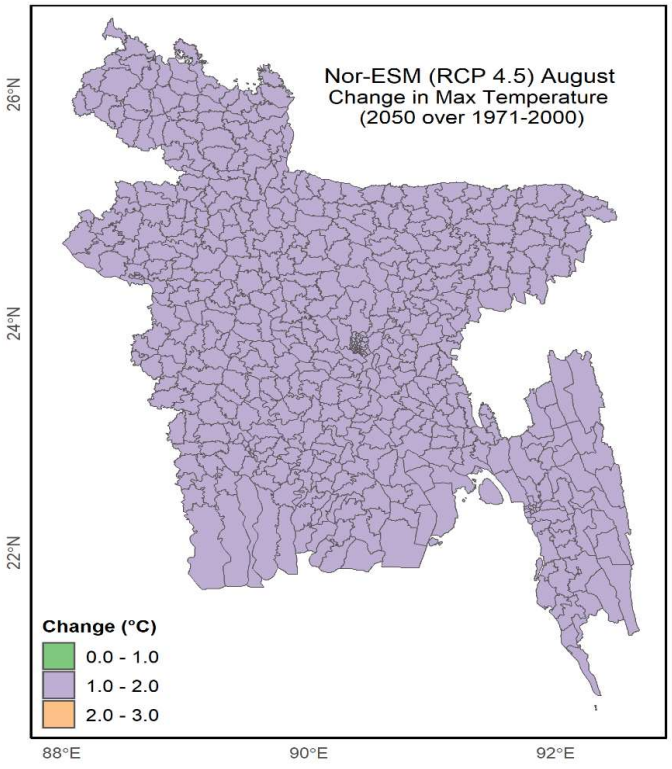
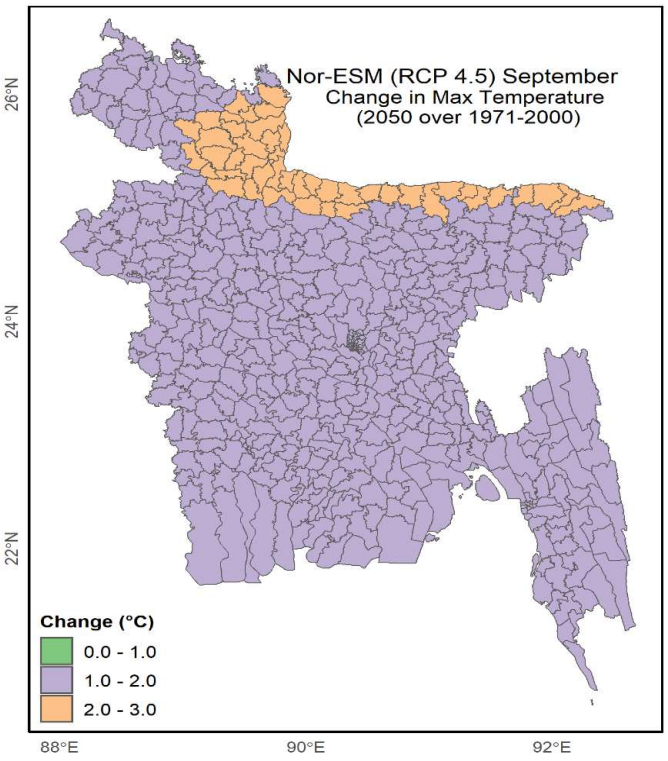


Fig. 6.49: Projected maximum temperature change (in°C) under RCP4.5 for July and August for the year 2050 in Bangladesh.



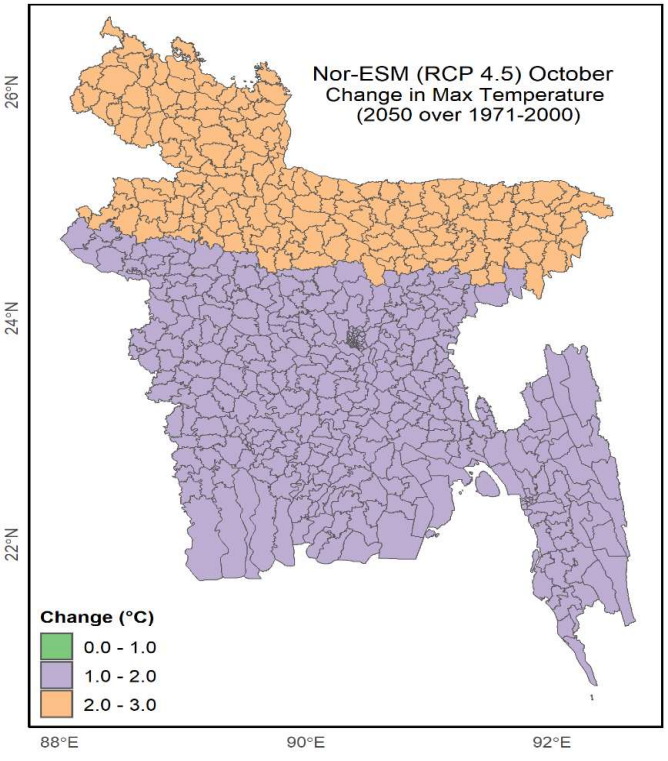
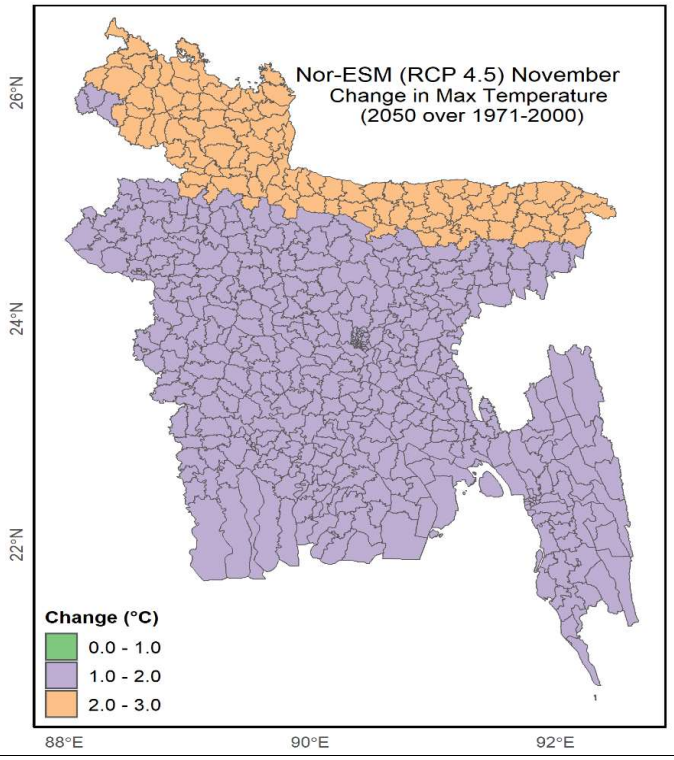


Fig. 6.50: Projected maximum temperature change (in°C) under RCP4.5 for September and October for the year 2050 in Bangladesh.



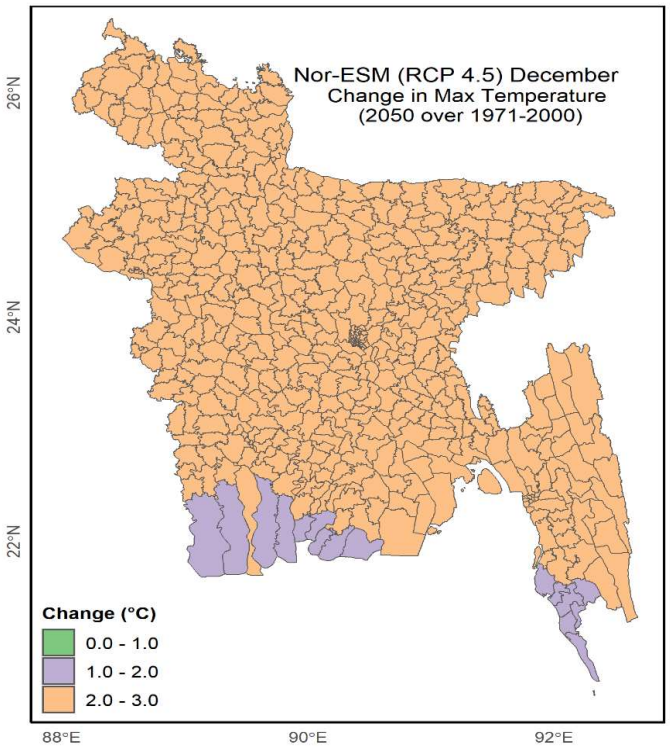
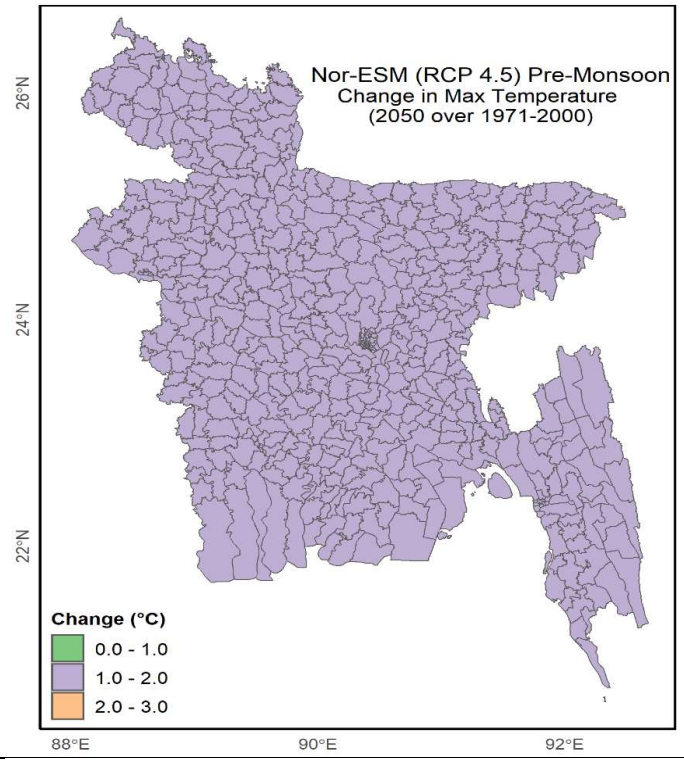


Fig. 6.51: Projected maximum temperature change (in°C) under RCP4.5 for November and December for the year 2050 in Bangladesh.



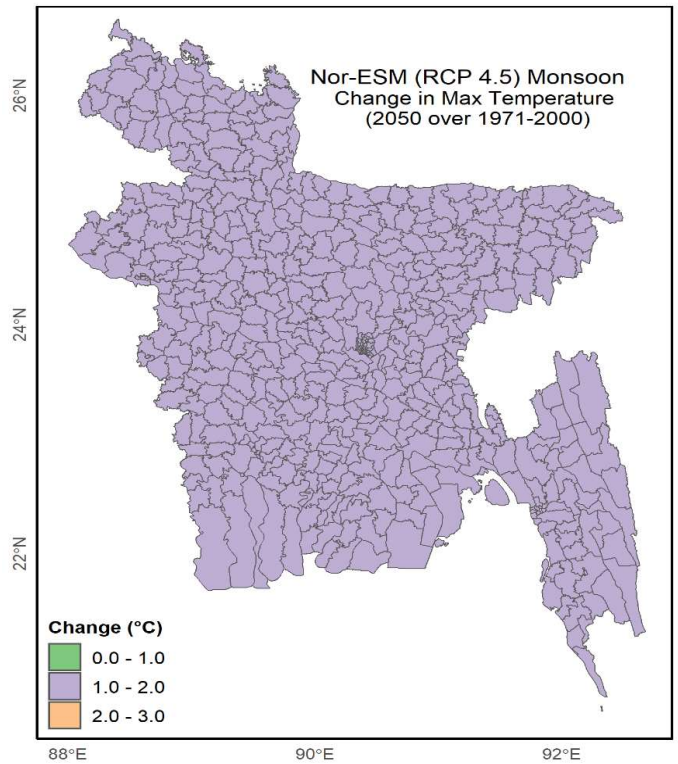
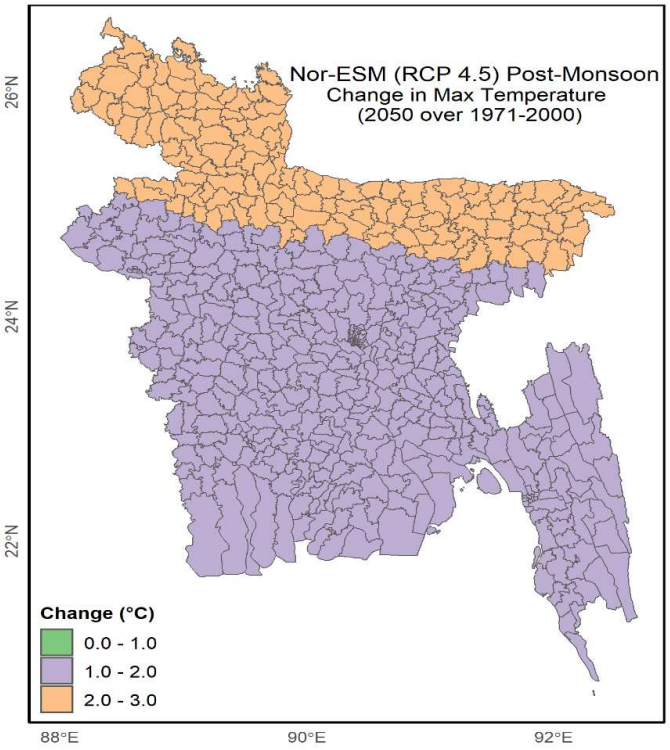


Fig. 6.52: Projected maximum temperature change (in°C) under RCP4.5 for pre-monsoon and monsoon for the year 2050 in Bangladesh.



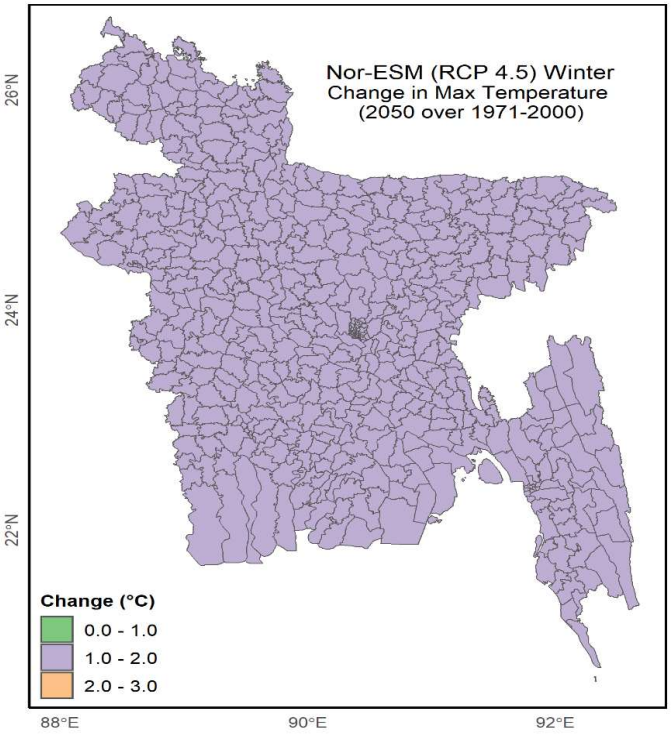


Fig.6.53: Projected maximum temperature change (in°C) under RCP4.5 for post-monsoon and winter for the year 2050 in Bangladesh.

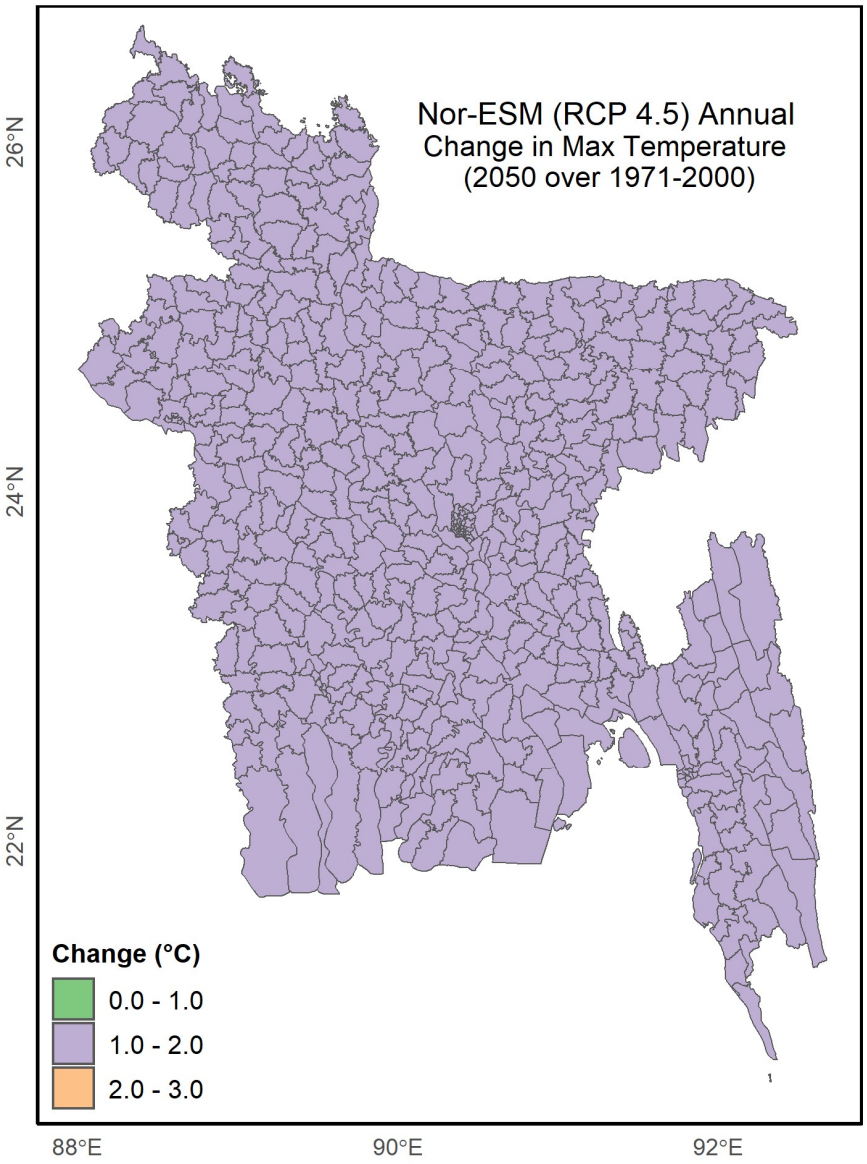
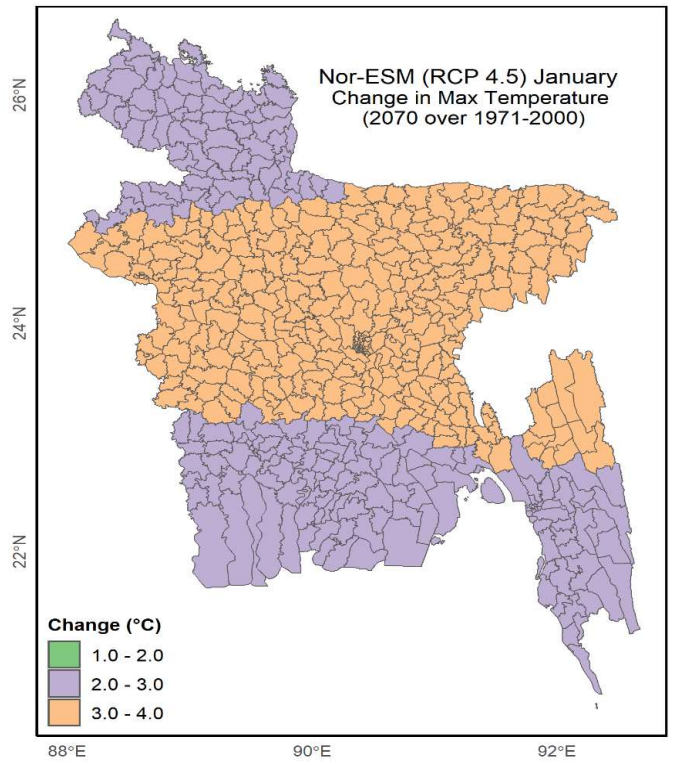


Fig.6.54: Projected maximum temperature change (in°C) under RCP4.5 for annual for the year 2050 in Bangladesh.



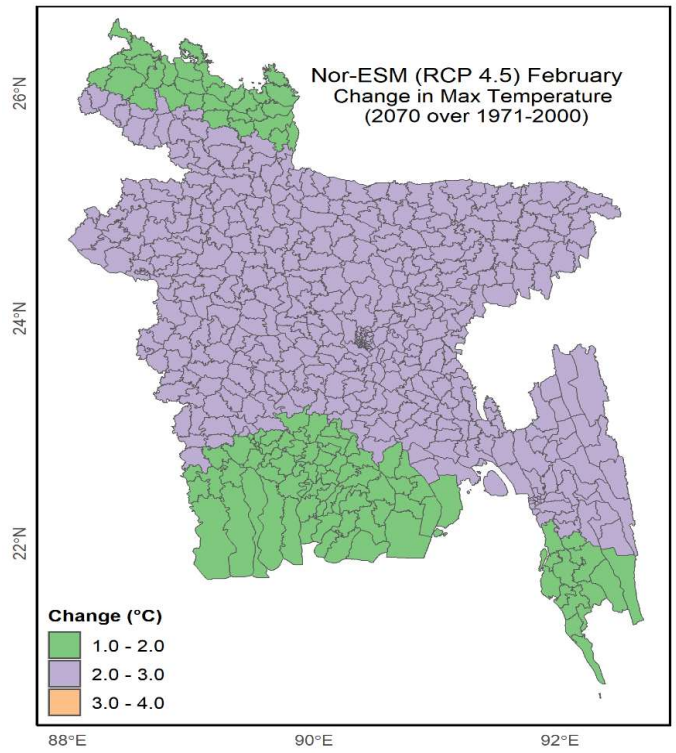
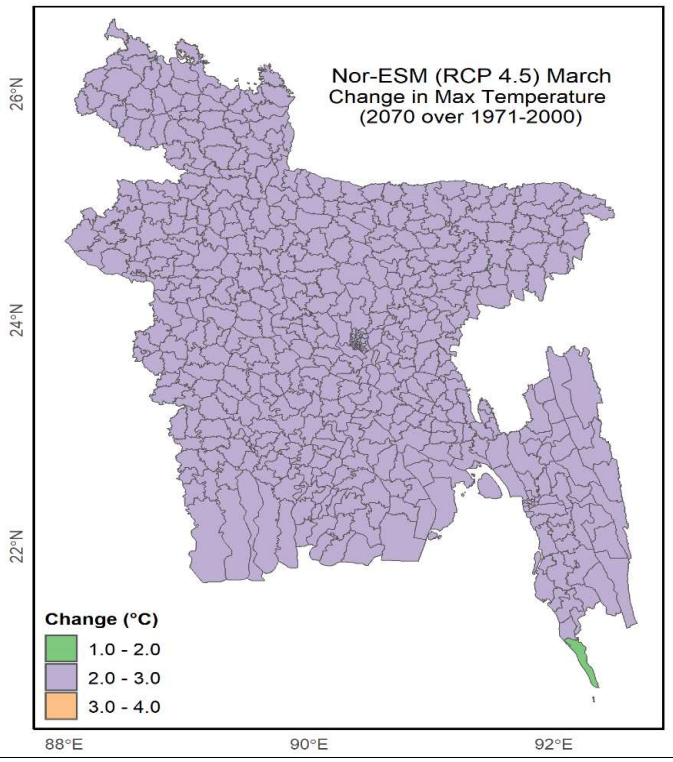


Fig. 6.55: Projected maximum temperature change (in°C) under RCP4.5 for January and February for the year 2070 in Bangladesh.



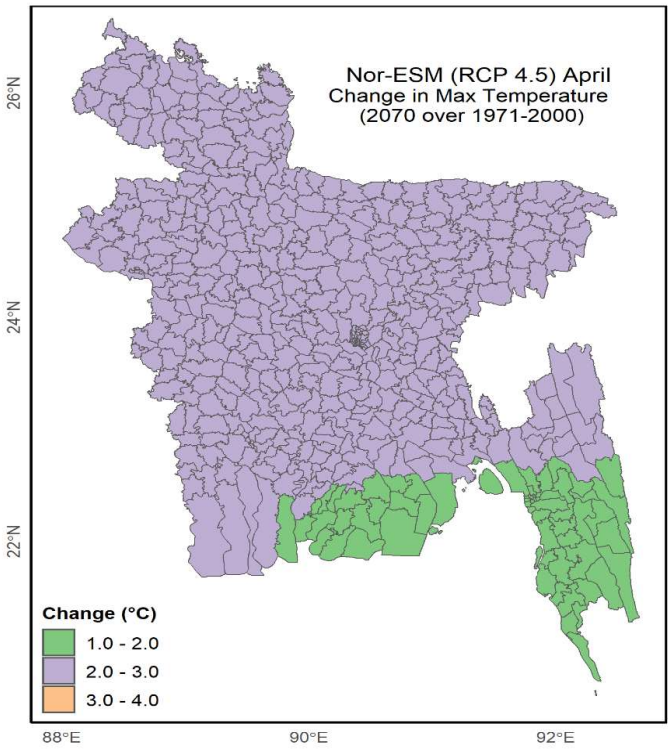
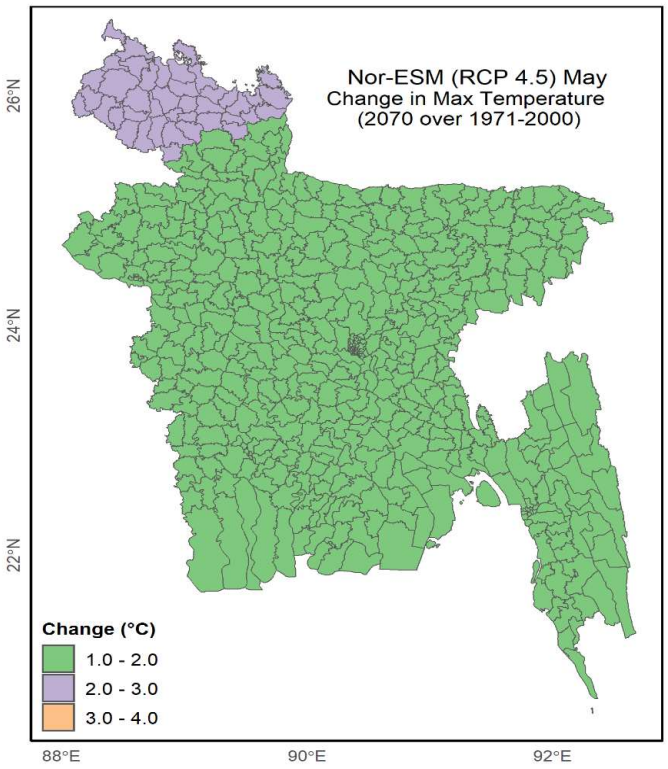


Fig. 6.56: Projected maximum temperature change (in°C) under RCP4.5 for March and April for the year 2070 in Bangladesh.



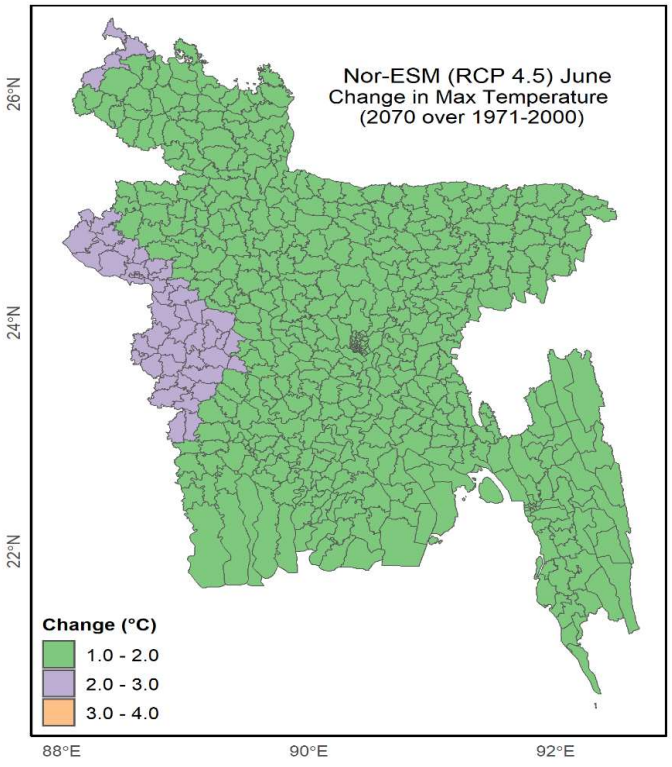
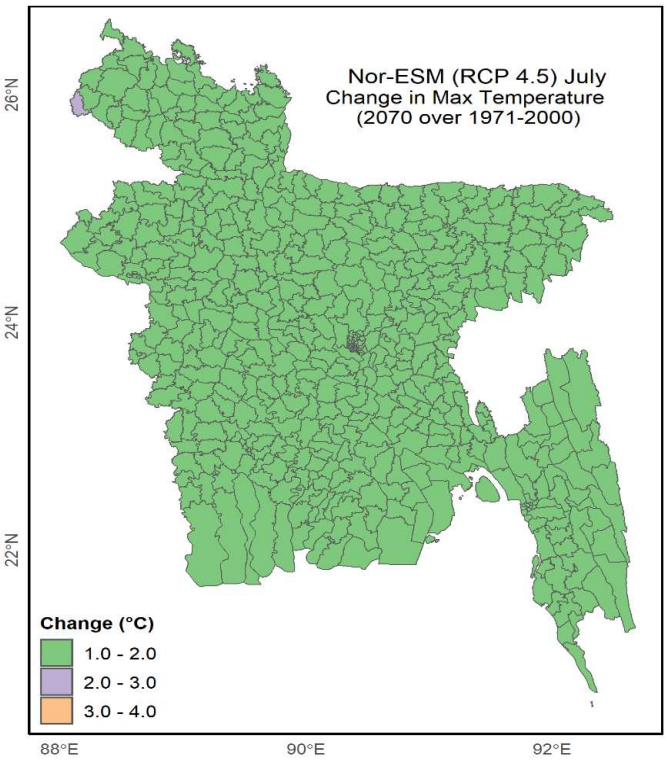


Fig. 6.57: Projected maximum temperature change (in°C) under RCP4.5 for May and June for the year 2070 in Bangladesh.



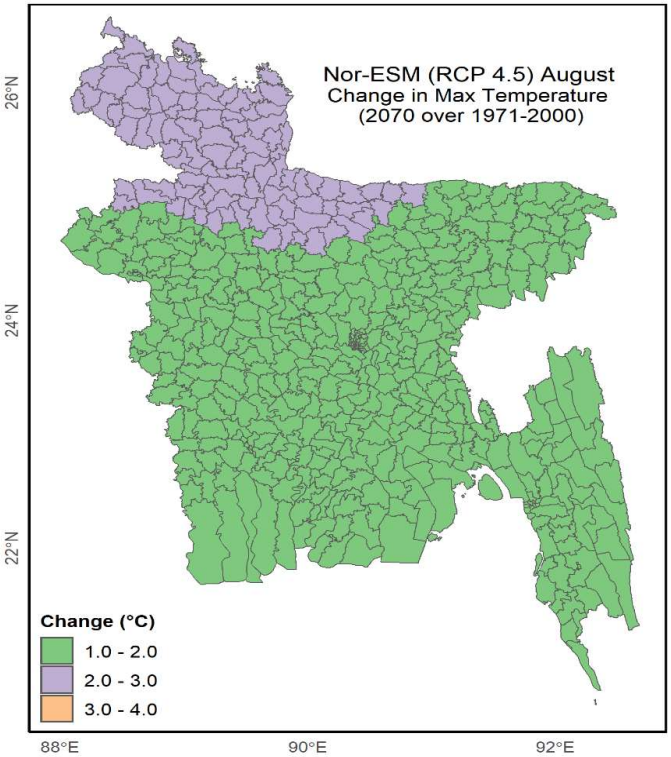
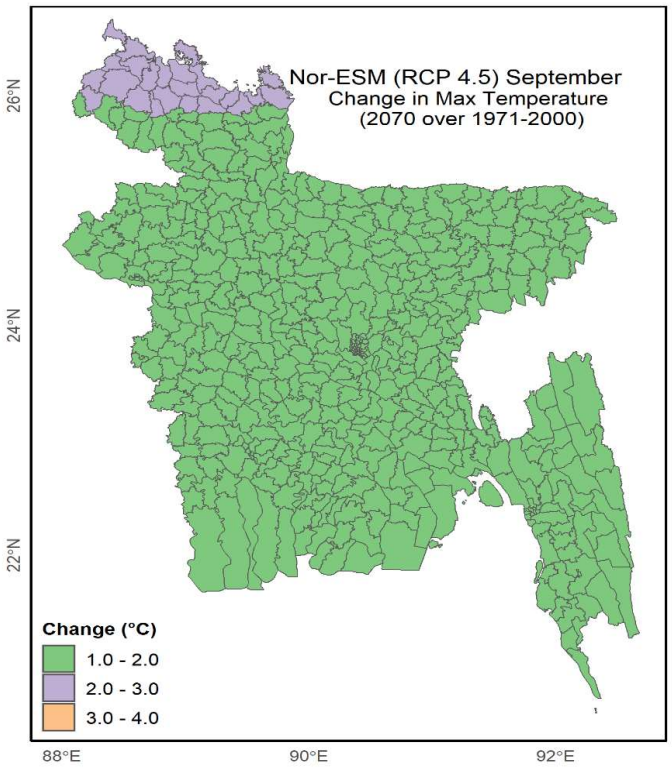


Fig. 6.58: Projected maximum temperature change (in°C) under RCP4.5 for July and August for the year 2070 in Bangladesh.



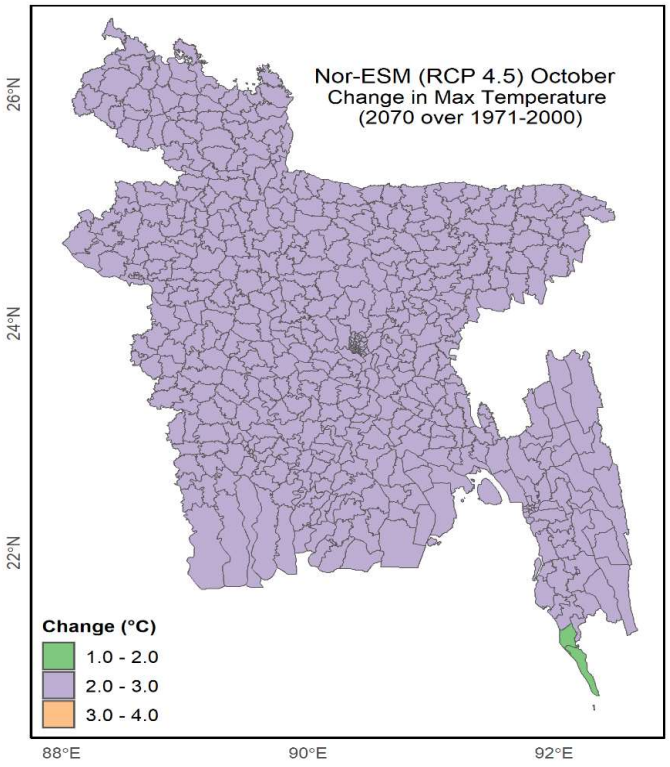
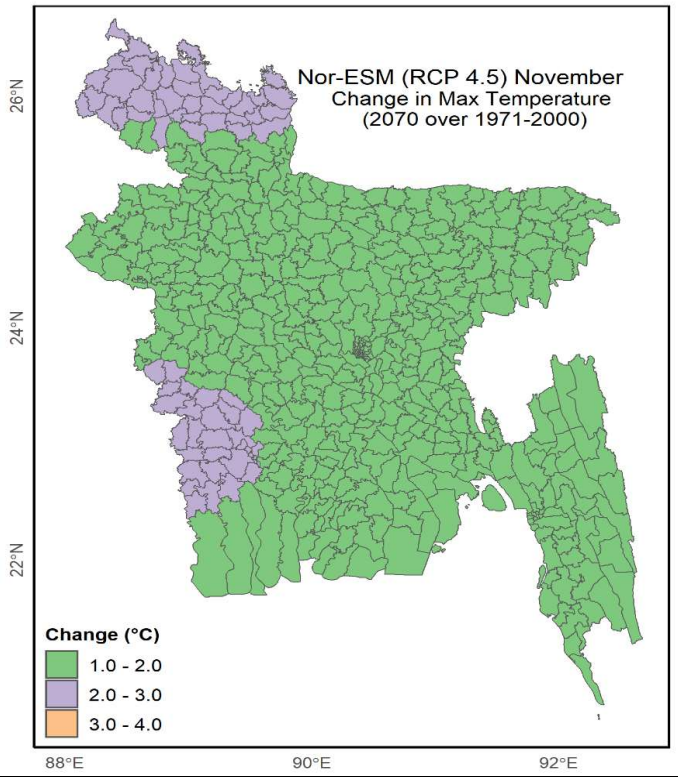


Fig. 6.59: Projected maximum temperature change (in°C) under RCP4.5 for September and October for the year 2070 in Bangladesh.



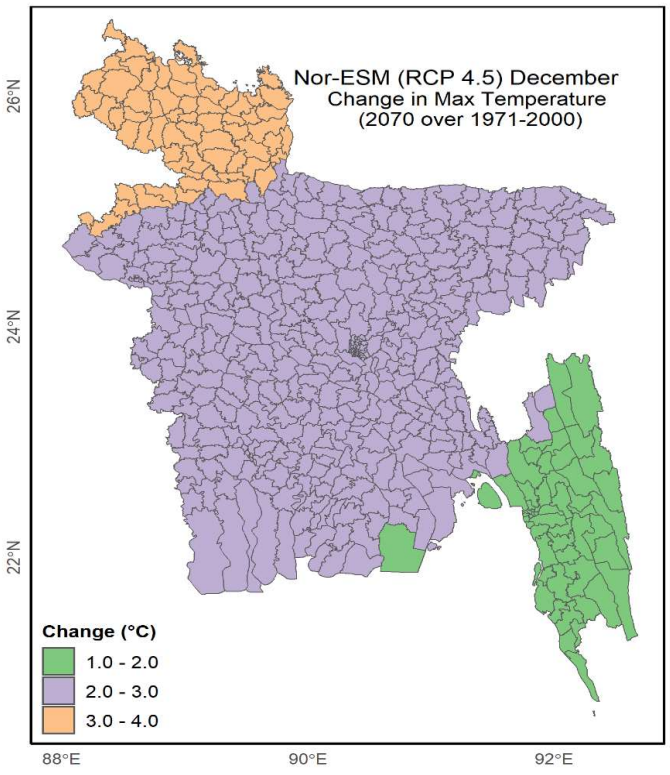
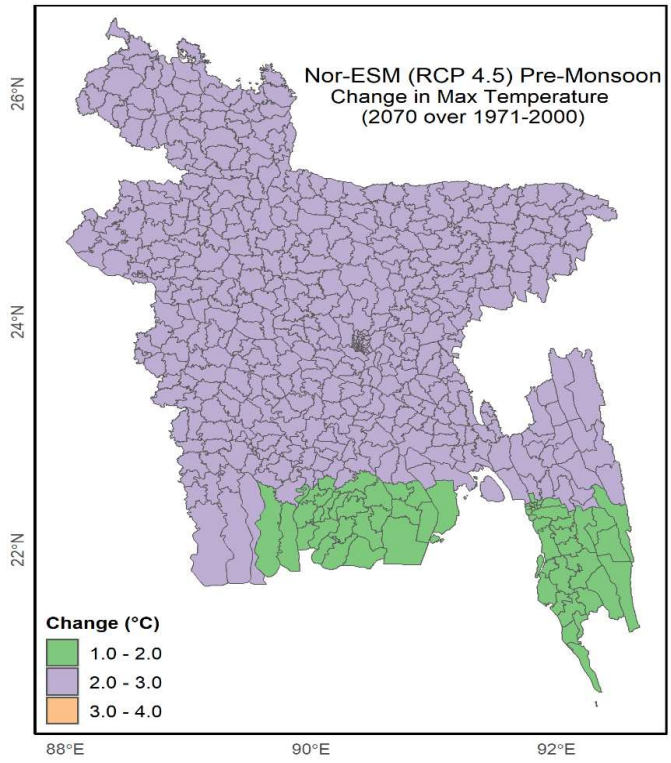


Fig. 6.60: Projected maximum temperature change (in°C) under RCP4.5 for November and December for the year 2070 in Bangladesh.



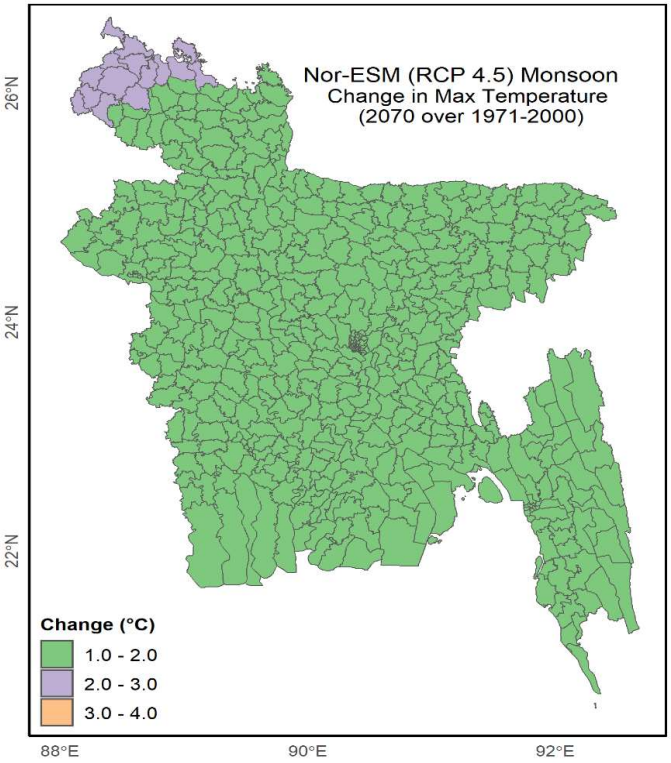
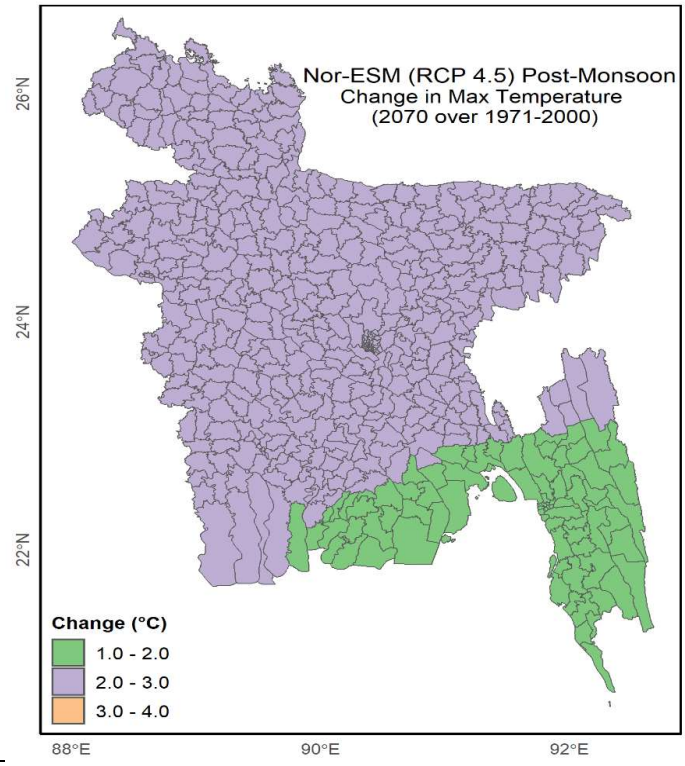


Fig. 6.61: Projected maximum temperature change (in°C) under RCP4.5 for pre-monsoon and monsoon for the year 2070 in Bangladesh.



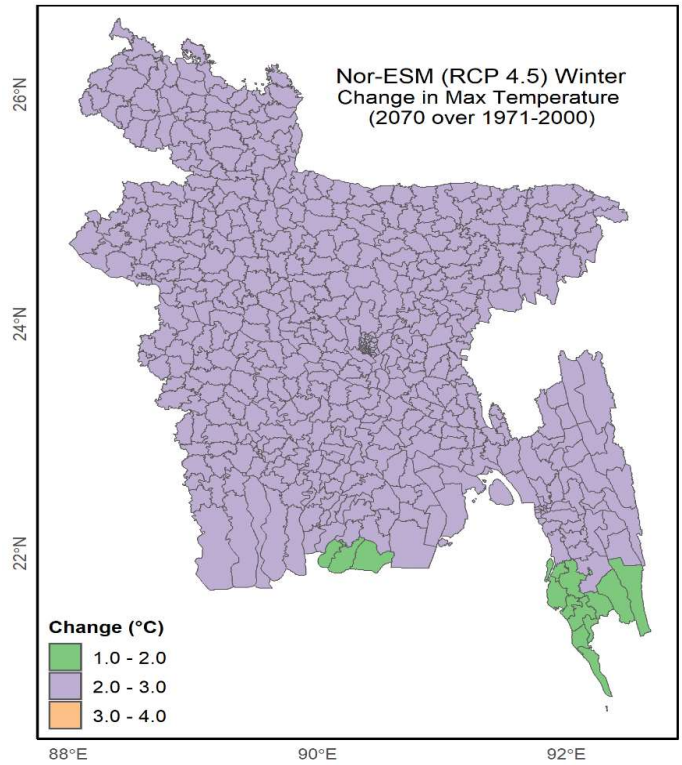


Fig.6.62: Projected maximum temperature change (in°C) under RCP4.5 for post-monsoon and winter for the year 2070 in Bangladesh.

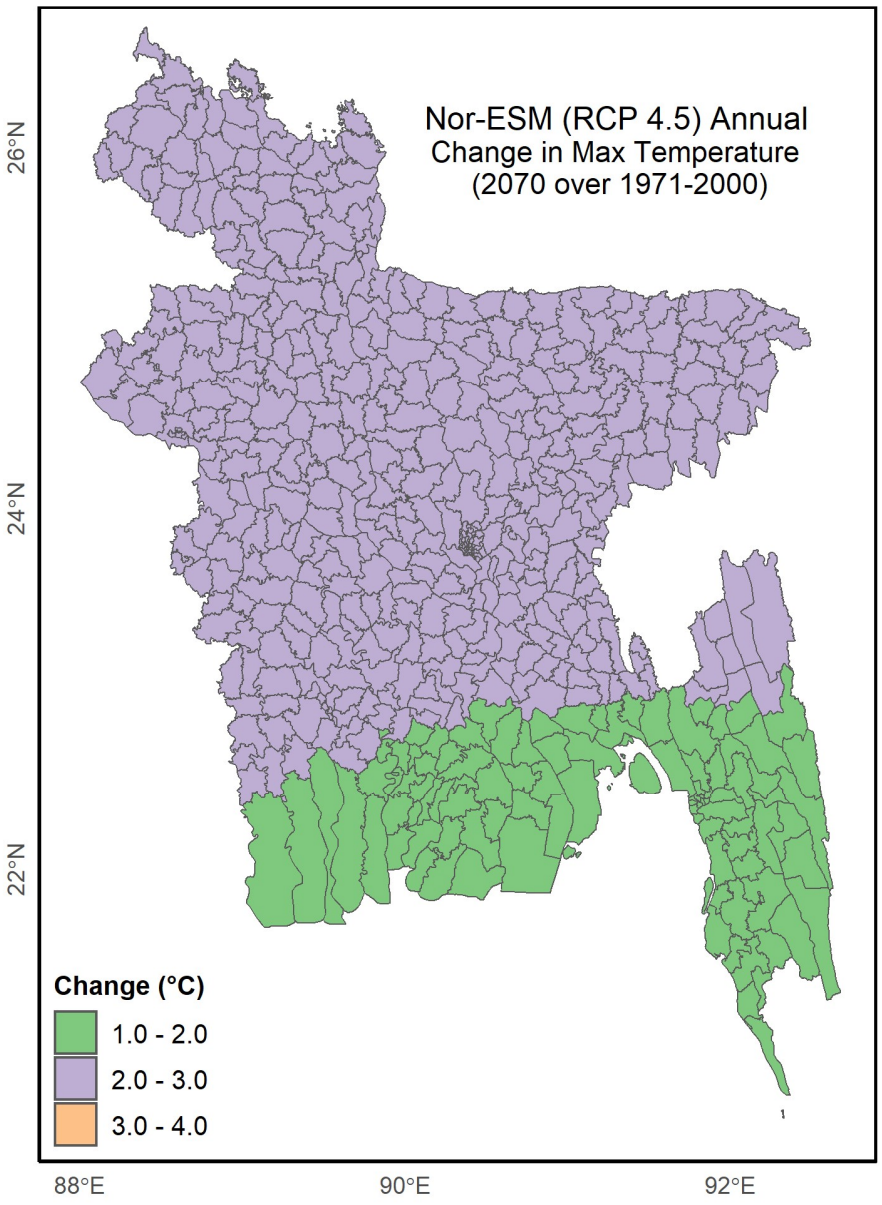
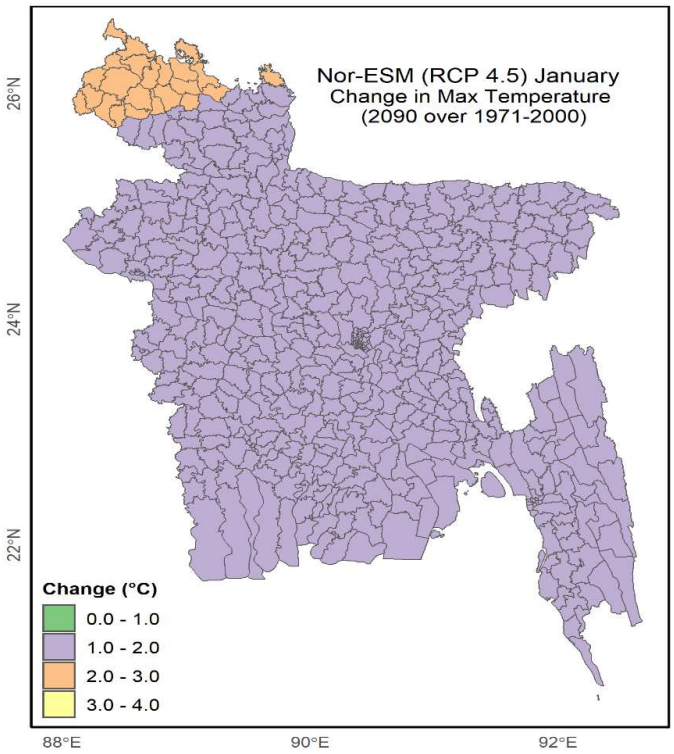


Fig. 6.63: Projected maximum temperature change (in°C) under RCP4.5 for annual for the year 2070 in Bangladesh.



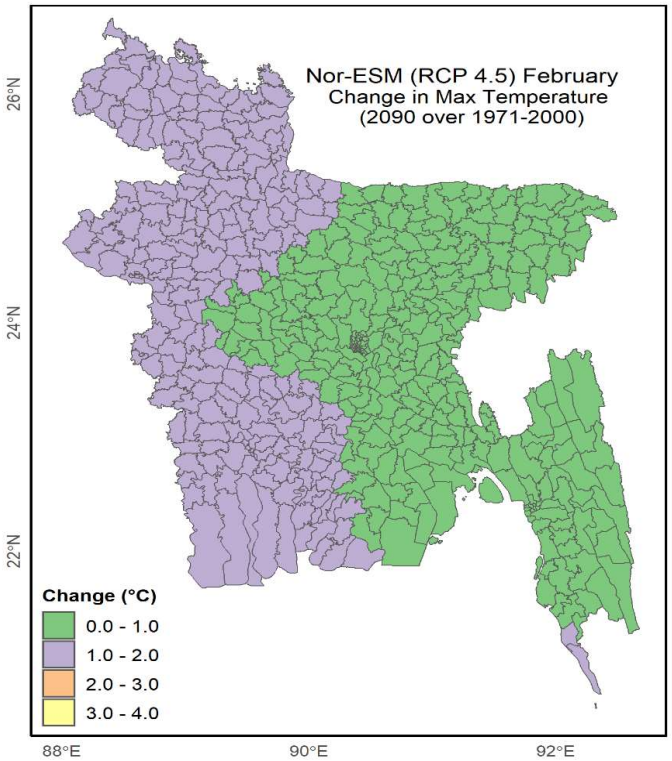
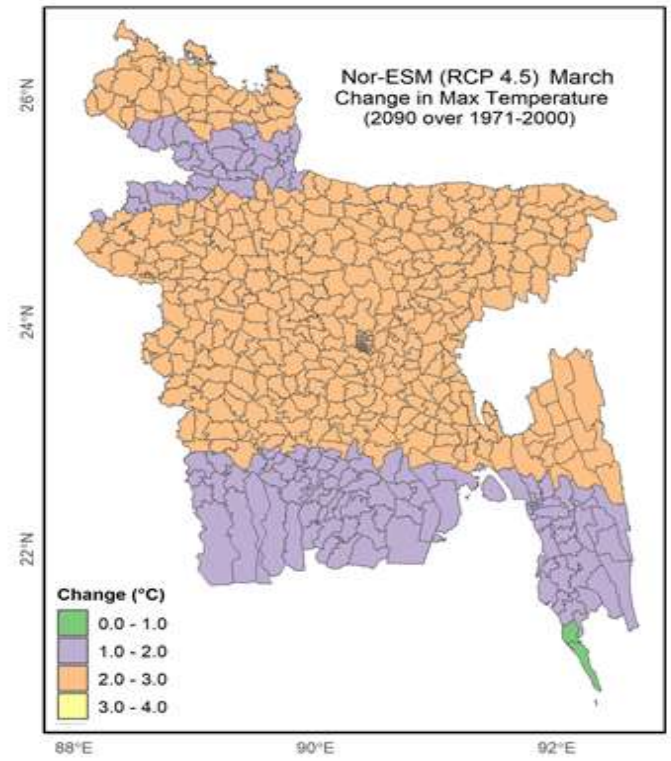


Fig. 6.64: Projected maximum temperature change (in°C) under RCP4.5 for January and February for the year 2090 in Bangladesh.



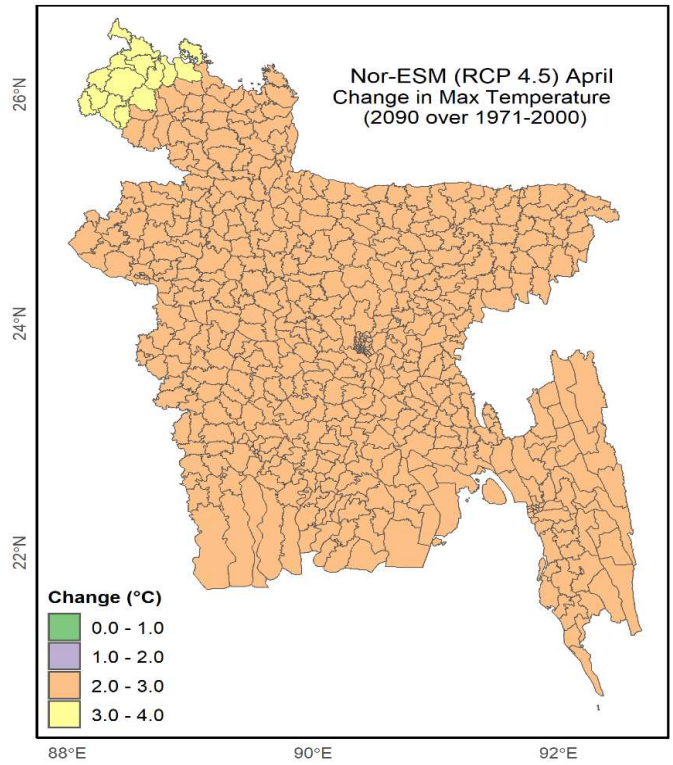
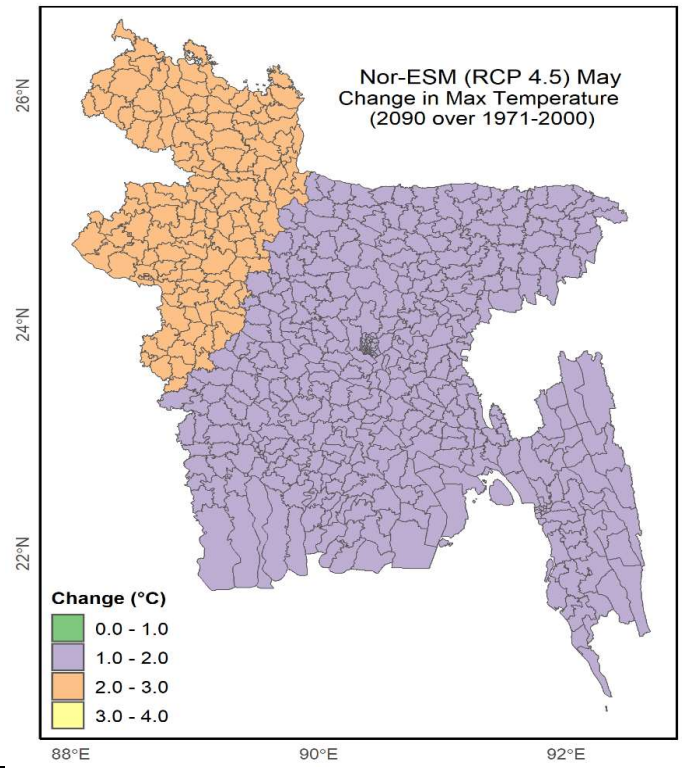


Fig. 6.65: Projected maximum temperature change (in°C) under RCP4.5 for March and April for the year 2090 in Bangladesh.



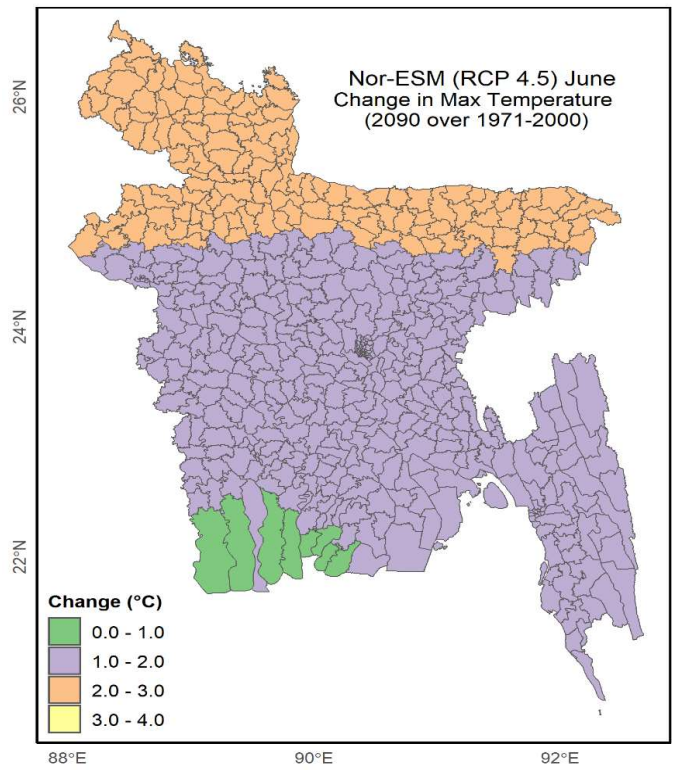
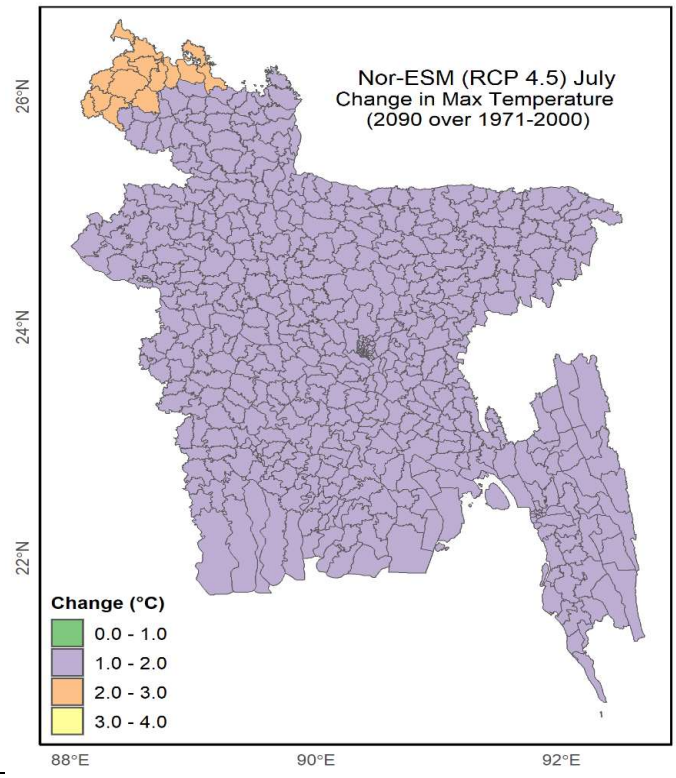


Fig. 6.66: Projected maximum temperature change (in°C) under RCP4.5 for May and June for the year 2090 in Bangladesh.



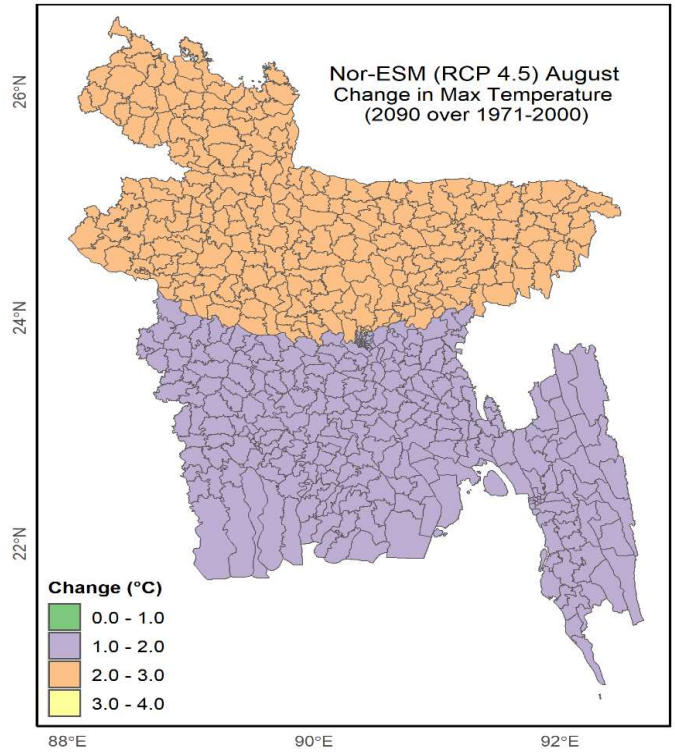
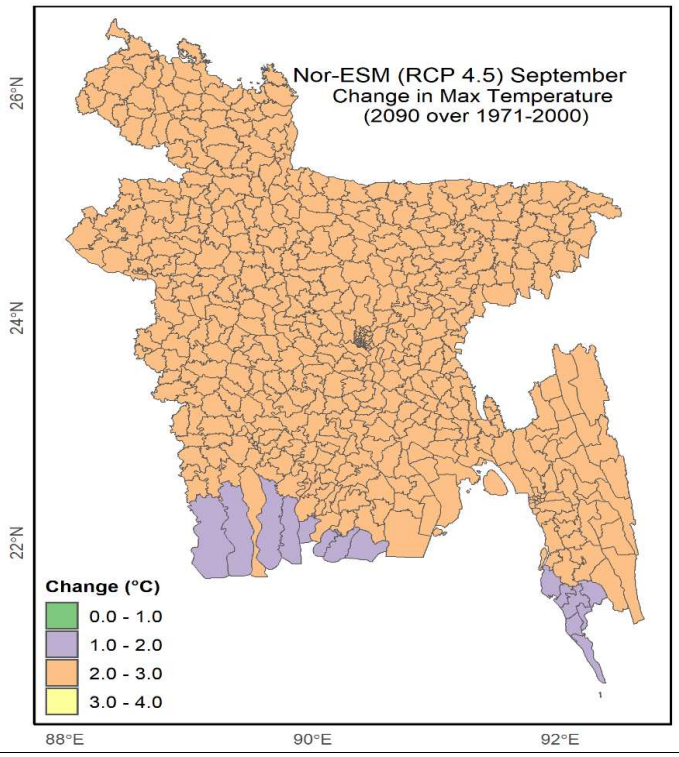


Fig. 6.67: Projected maximum temperature change (in°C) under RCP4.5 for July and August for the year 2090 in Bangladesh.



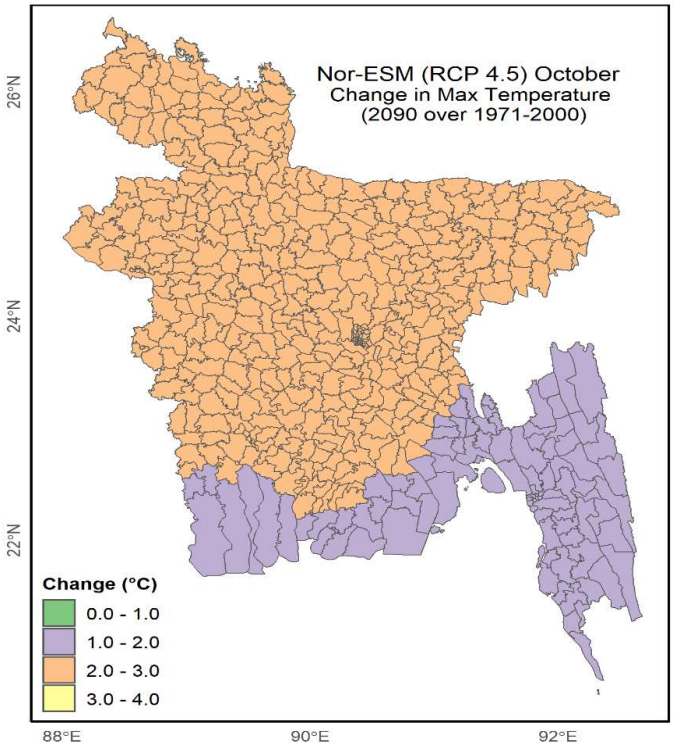


Fig. 6.68: Projected maximum temperature change (in°C) under RCP4.5 for September and October for the year 2090 in Bangladesh.

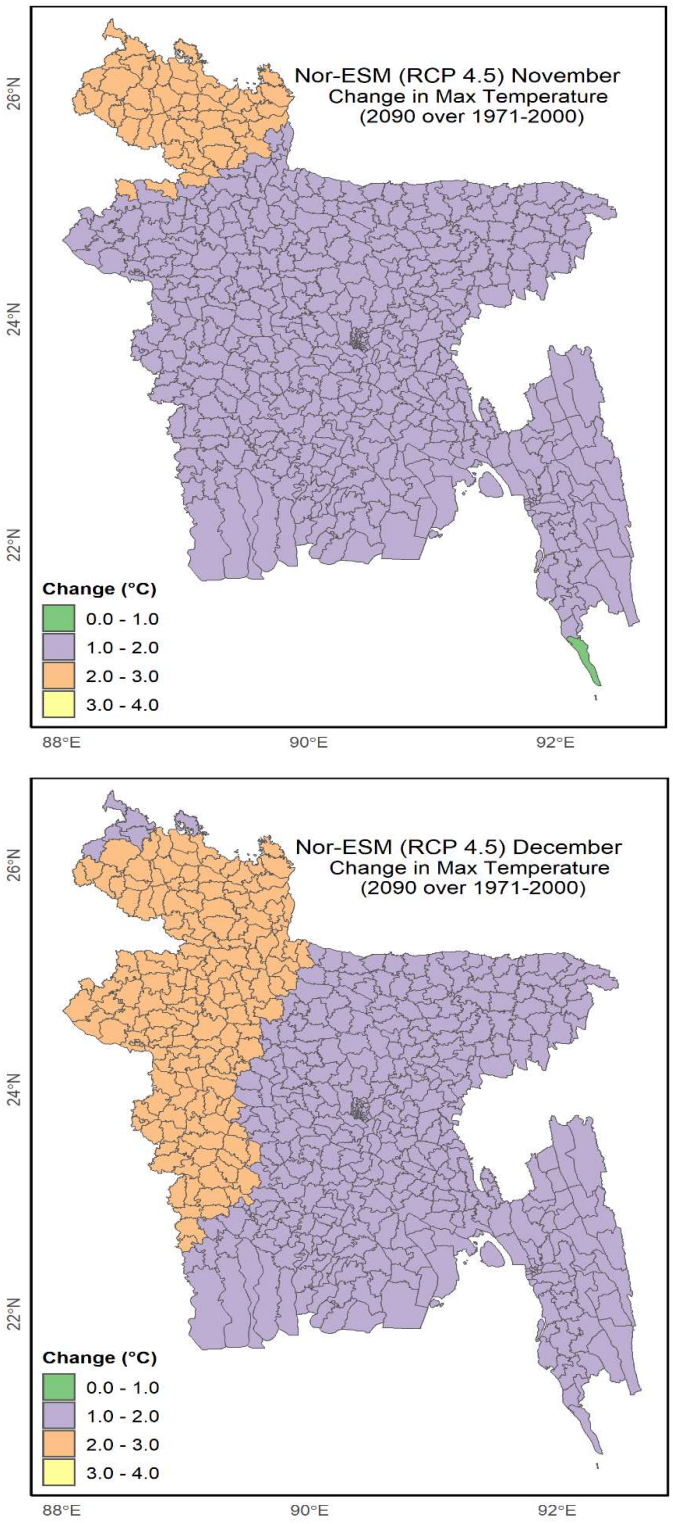
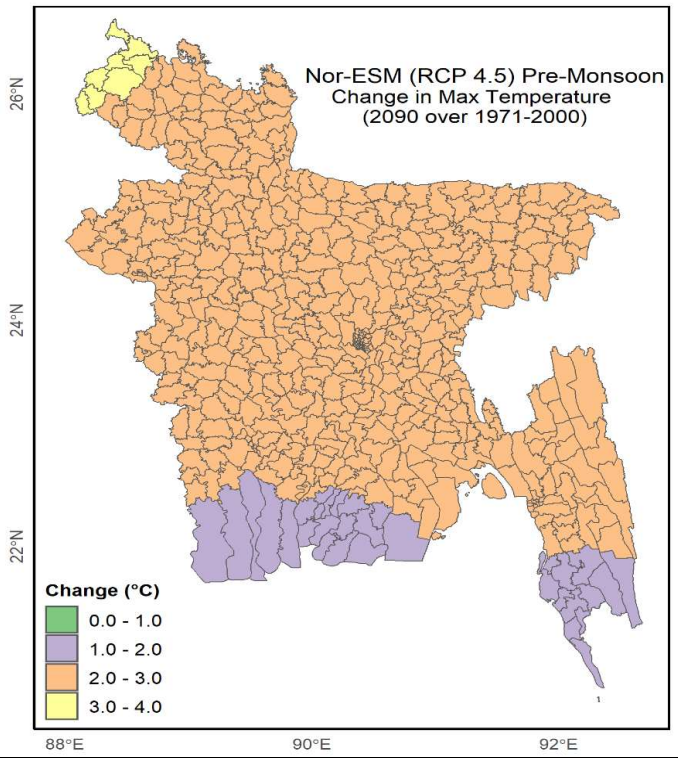


Fig. 6.69: Projected maximum temperature change (in°C) under RCP4.5 for November and December for the year 2090 in Bangladesh.



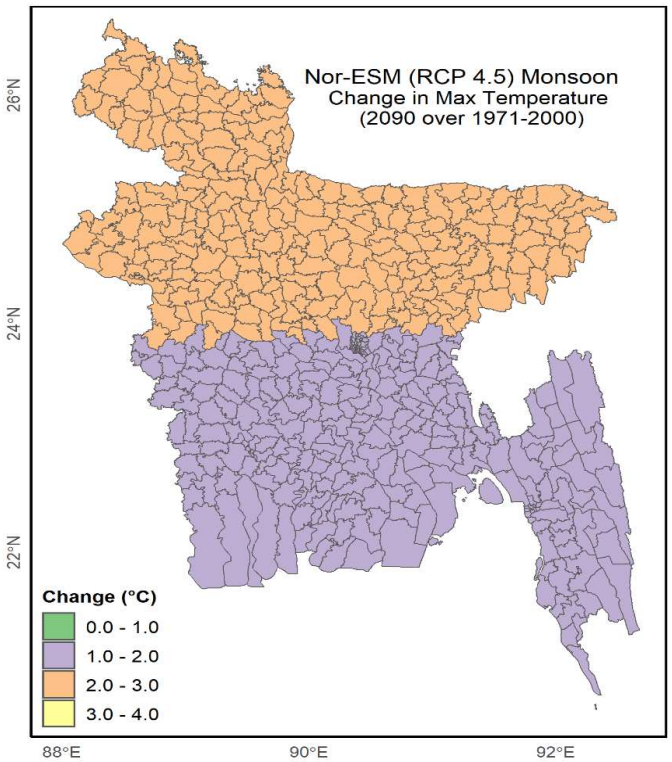
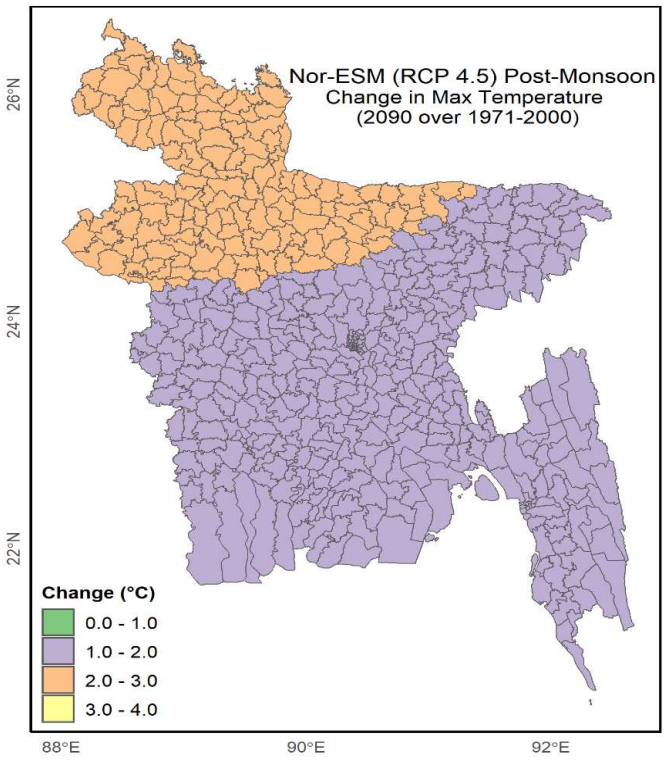


Fig. 6.70: Projected maximum temperature change (in°C) under RCP4.5 for pre-monsoon and monsoon for the year 2090 in Bangladesh.



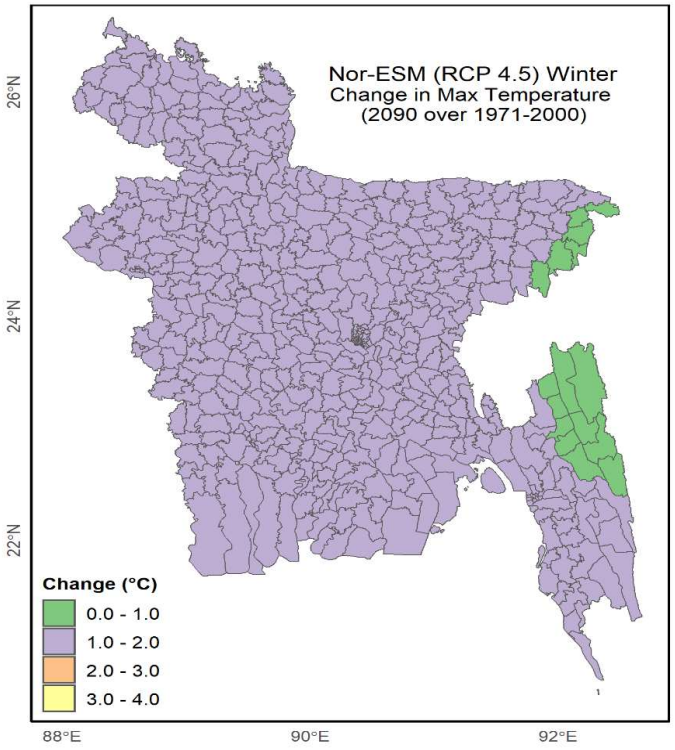


Fig. 6.71: Projected maximum temperature change (in°C) under RCP4.5 for post-monsoon and winter for the year 2090 in Bangladesh.

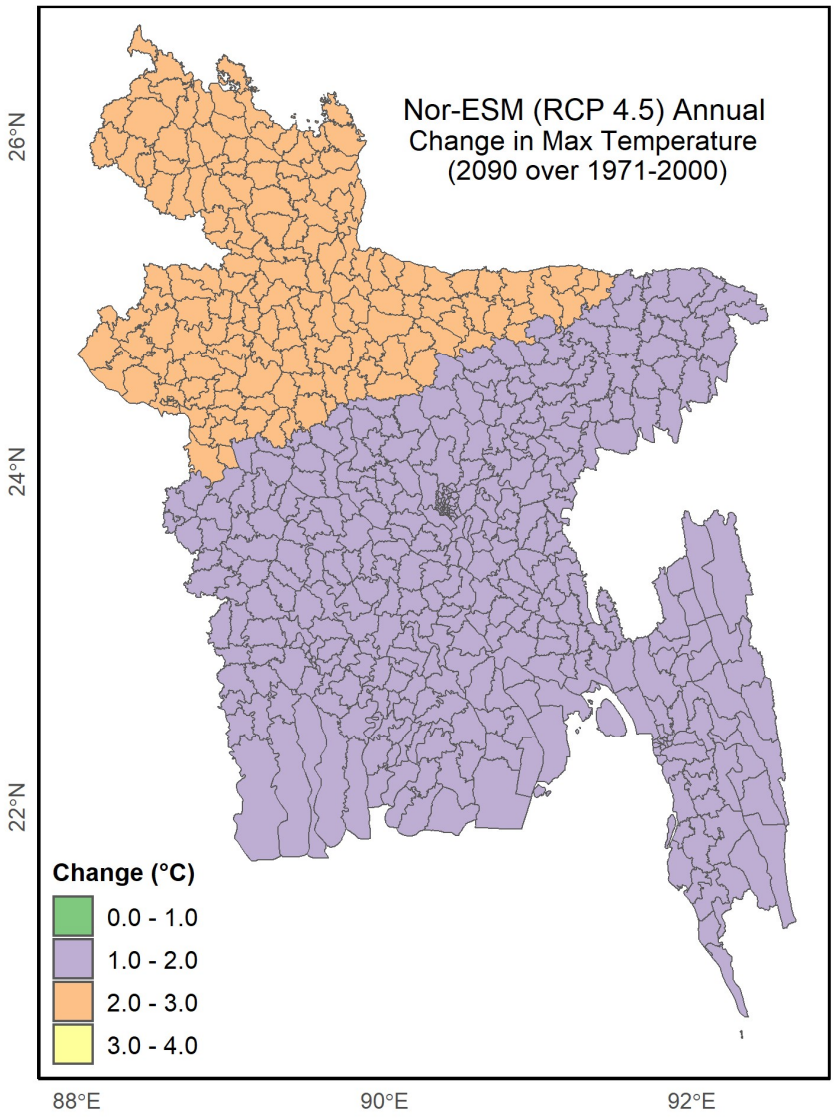
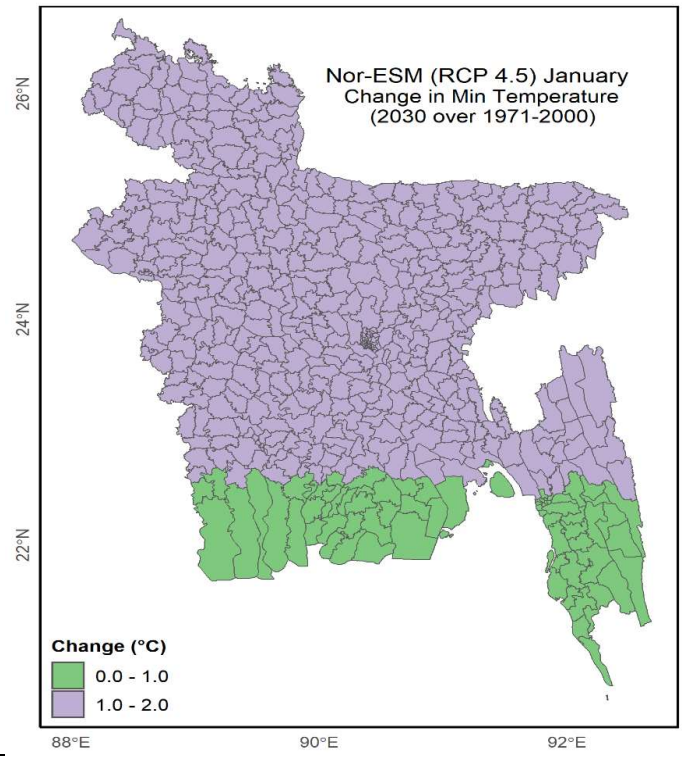


Fig. 6.72: Projected maximum temperature change (in°C) under RCP4.5 for annual for the year 2090 in Bangladesh.



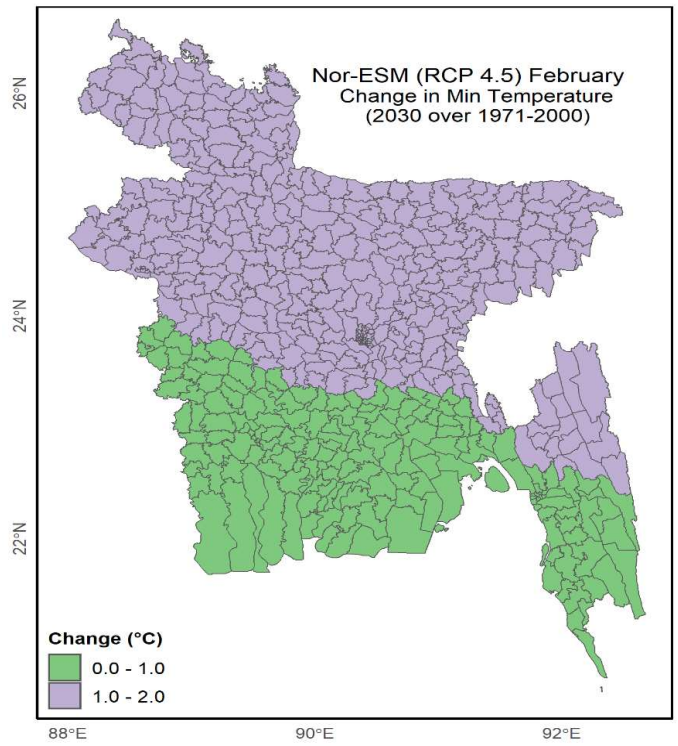
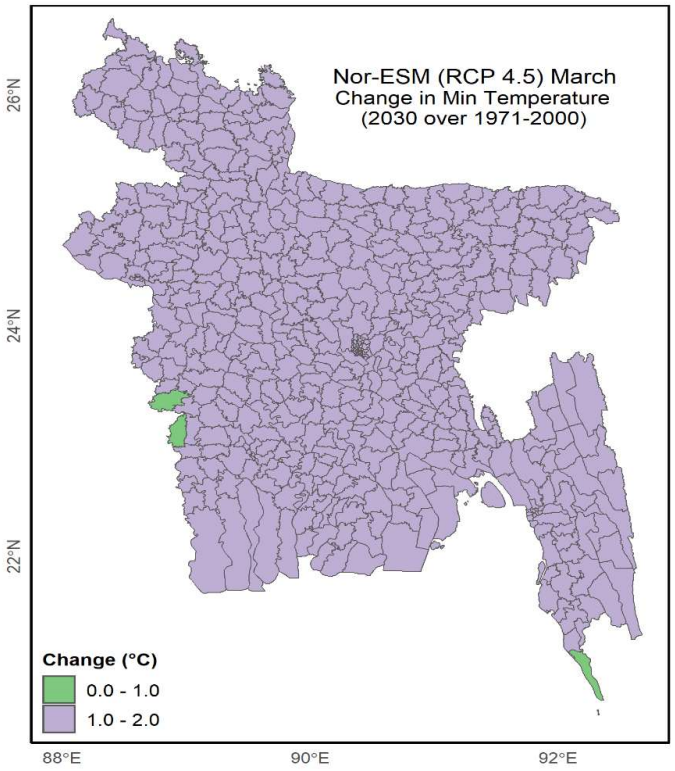


Fig. 6.73: Projected minimum temperature change (in°C) under RCP4.5 for January and February for the year 2030 in Bangladesh.



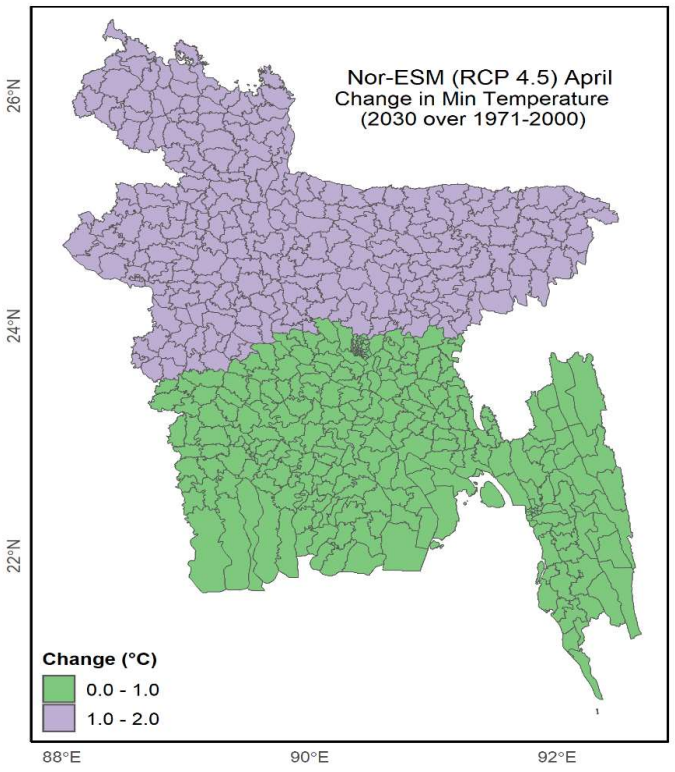
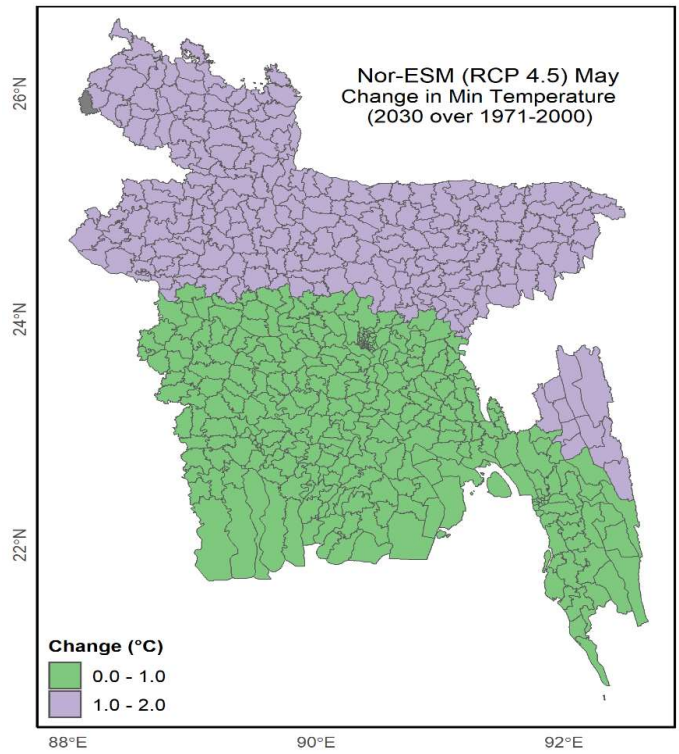


Fig. 6.74: Projected minimum temperature change (in°C) under RCP4.5 for March and April for the year 2030 in Bangladesh.



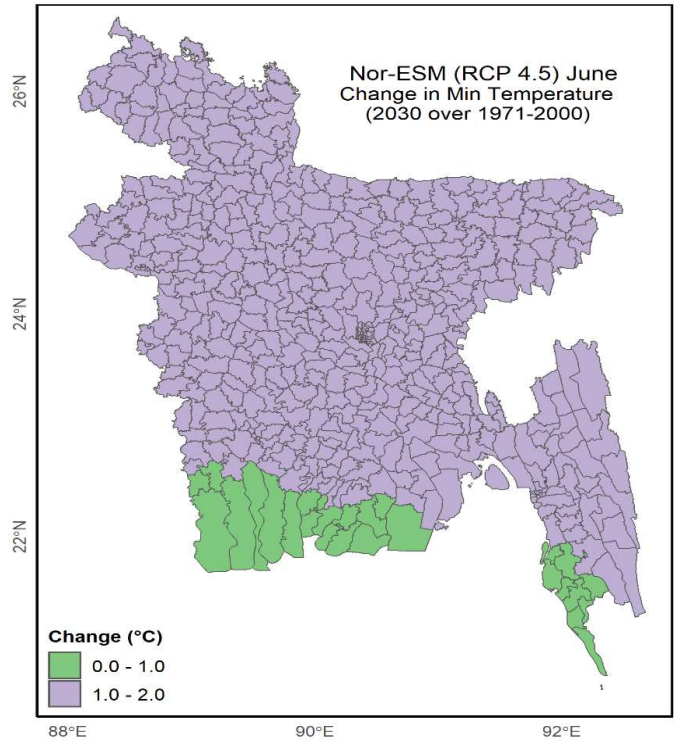
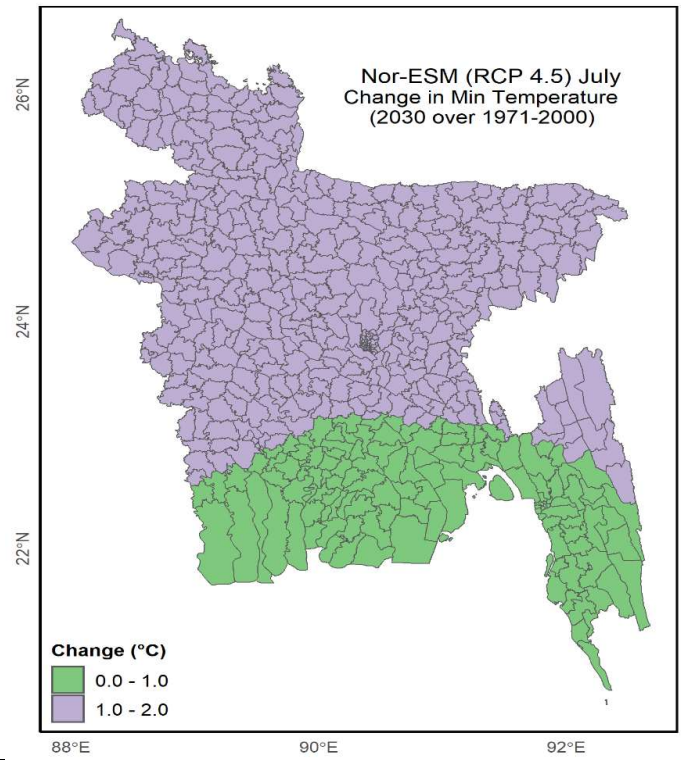


Fig. 6.75: Projected minimum temperature change (in°C) under RCP4.5 for May and June for the year 2030 in Bangladesh.



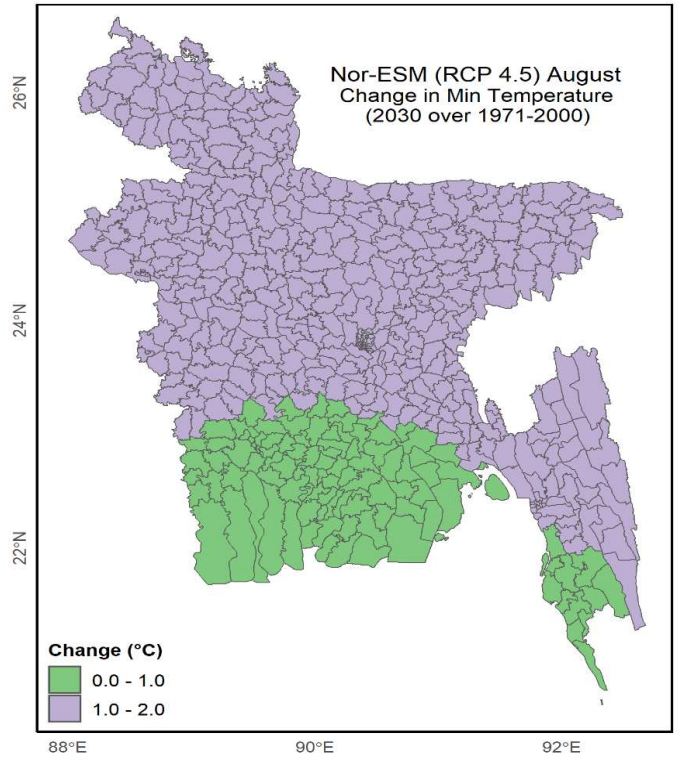
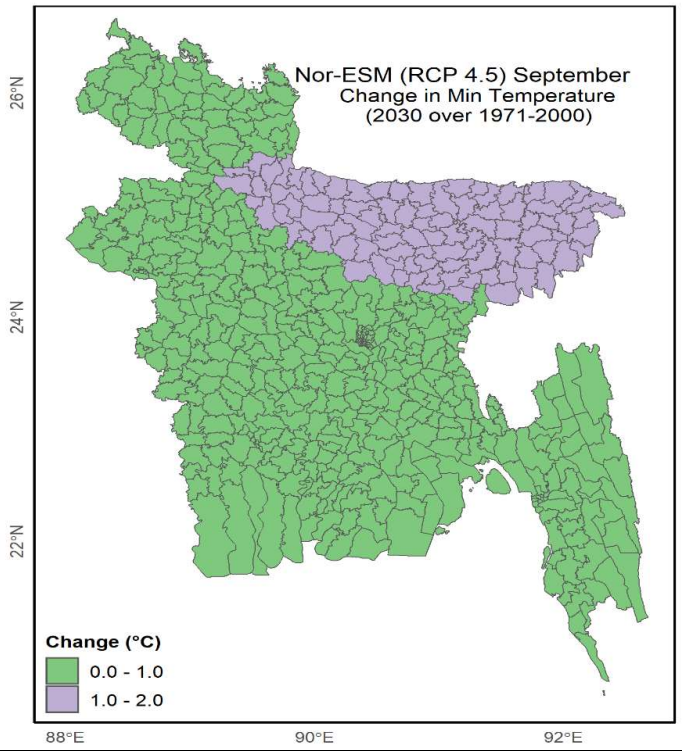


Fig. 6.76: Projected minimum temperature change (in°C) under RCP4.5 for July and August for the year 2030 in Bangladesh.



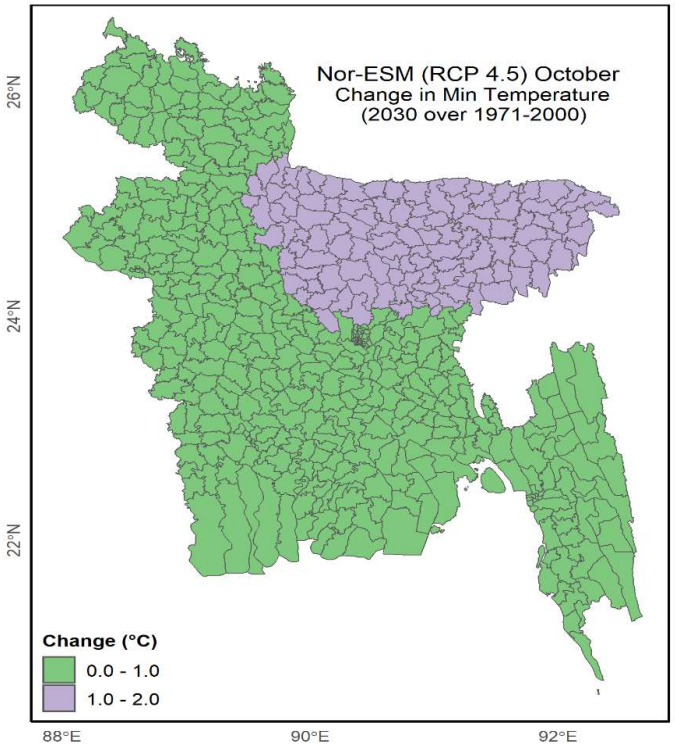
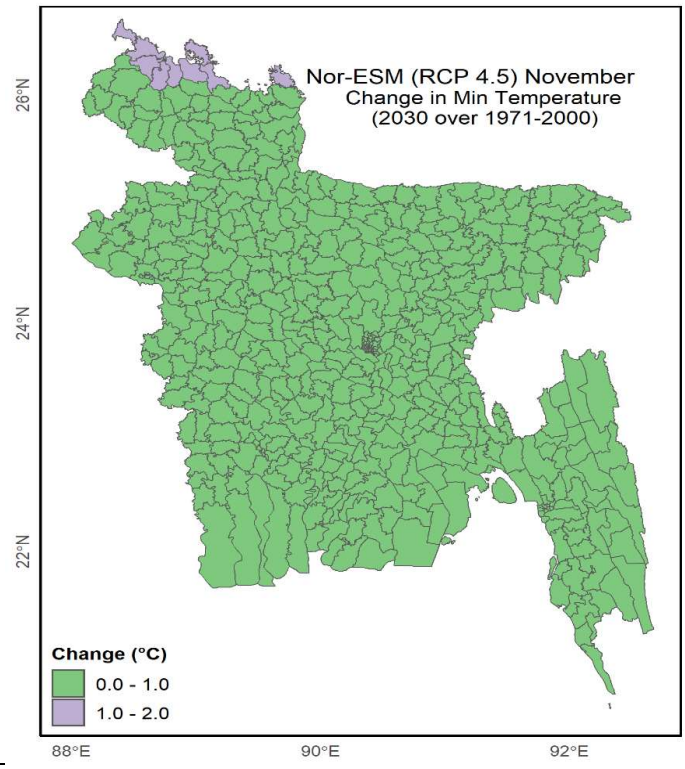


Fig. 6.77: Projected minimum temperature change (in°C) under RCP4.5 for September and October for the year 2030 in Bangladesh.



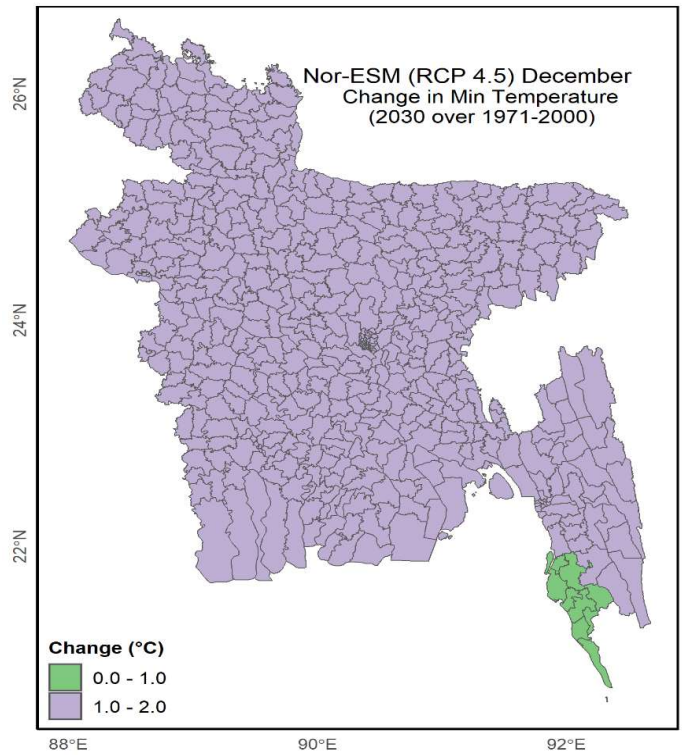
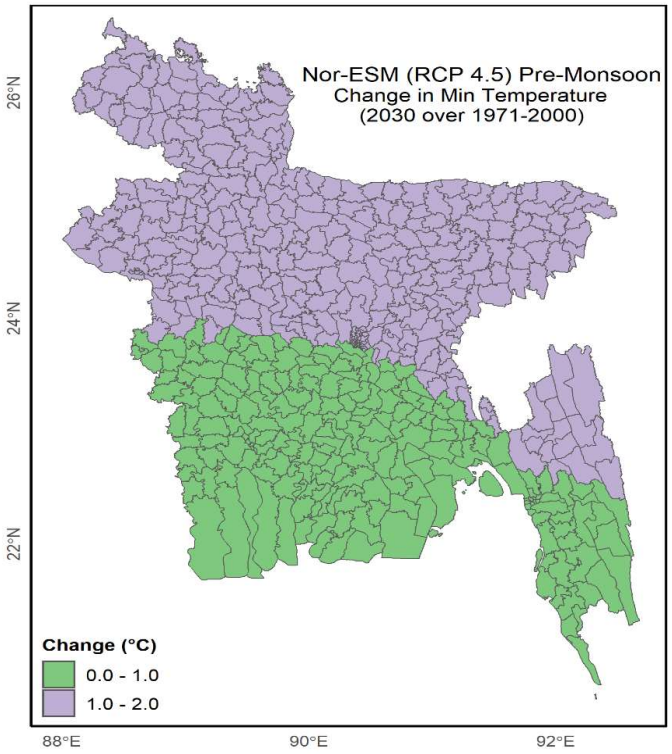


Fig. 6.78: Projected minimum temperature change (in°C) under RCP4.5 for November and December for the year 2030 in Bangladesh.



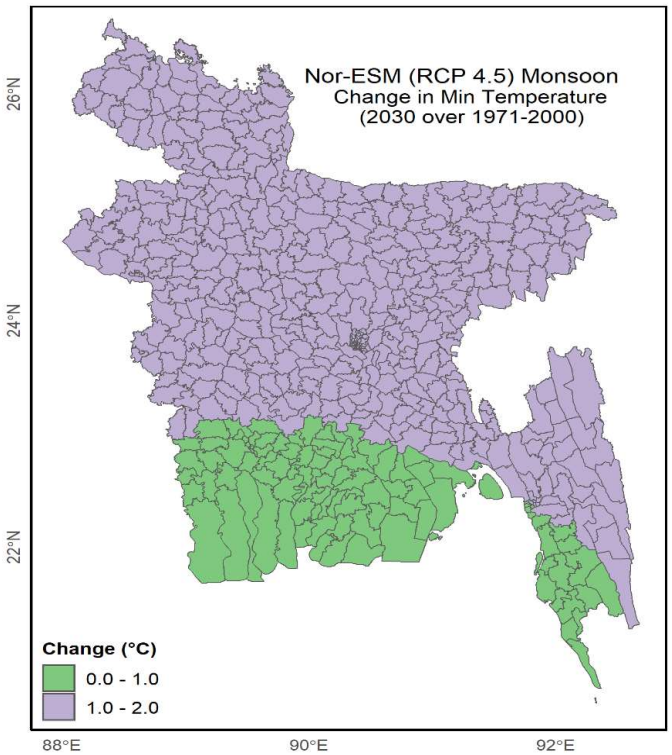
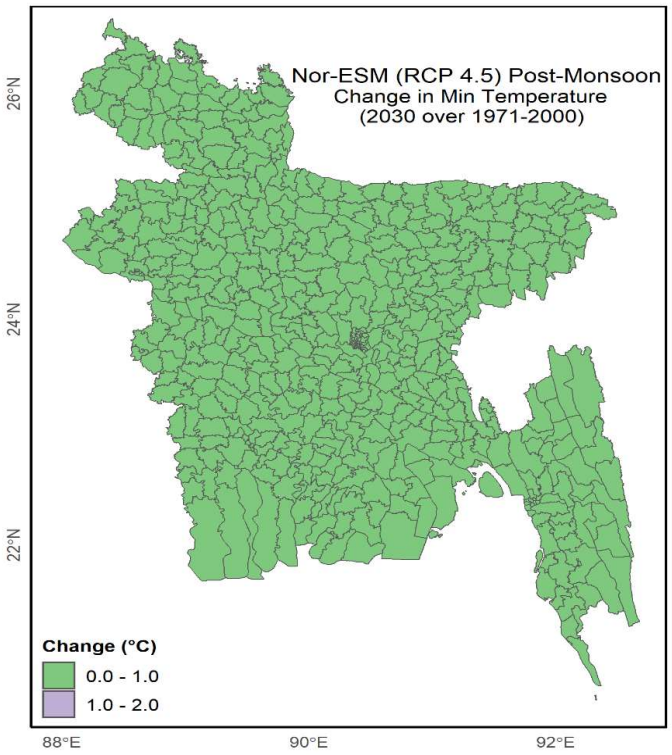


Fig. 6.79: Projected minimum temperature change (in°C) under RCP4.5 for pre-monsoon and monsoon for the year 2030 in Bangladesh.



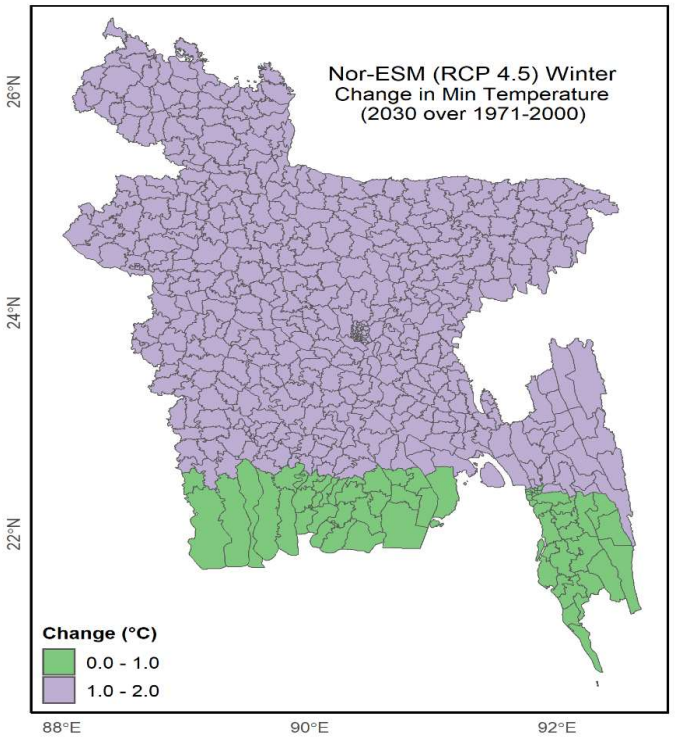


Fig. 6.80: Projected minimum temperature change (in°C) under RCP4.5 for post-monsoon and winter for the year 2030 in Bangladesh.

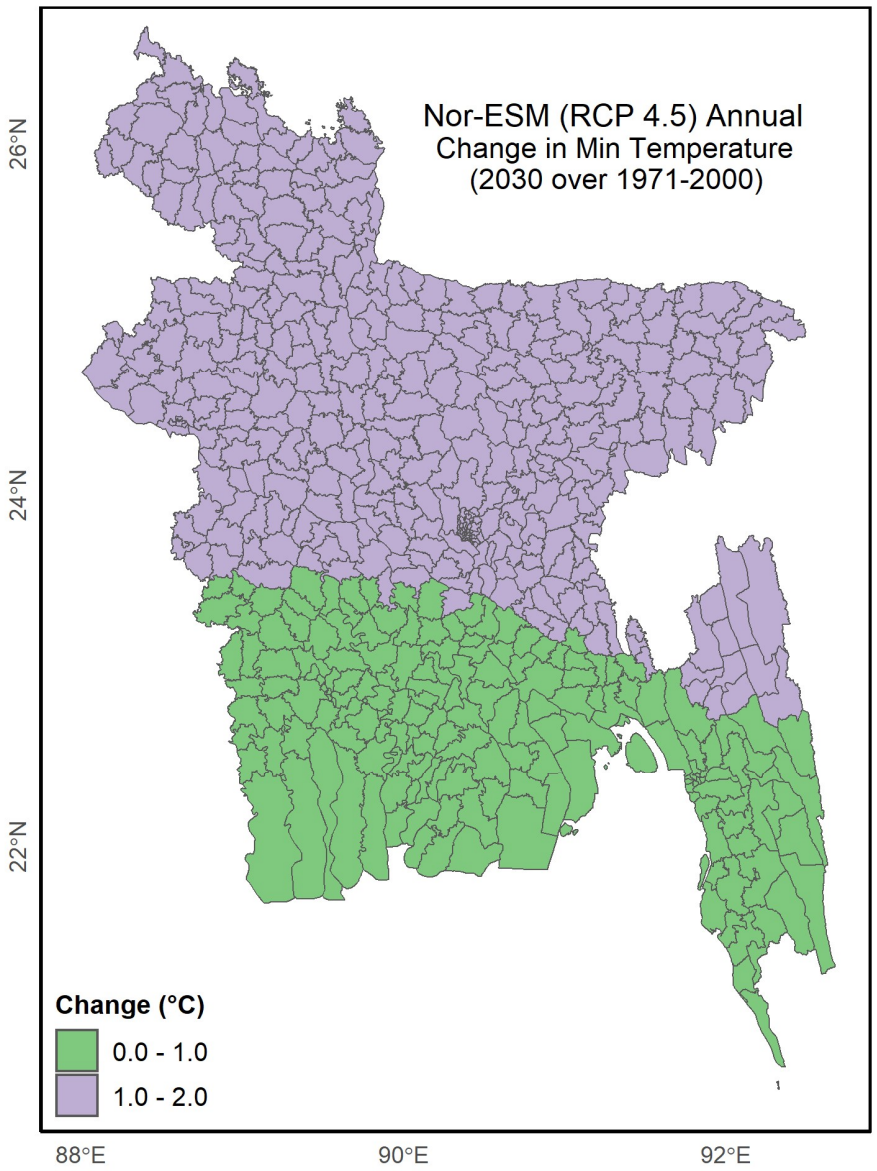
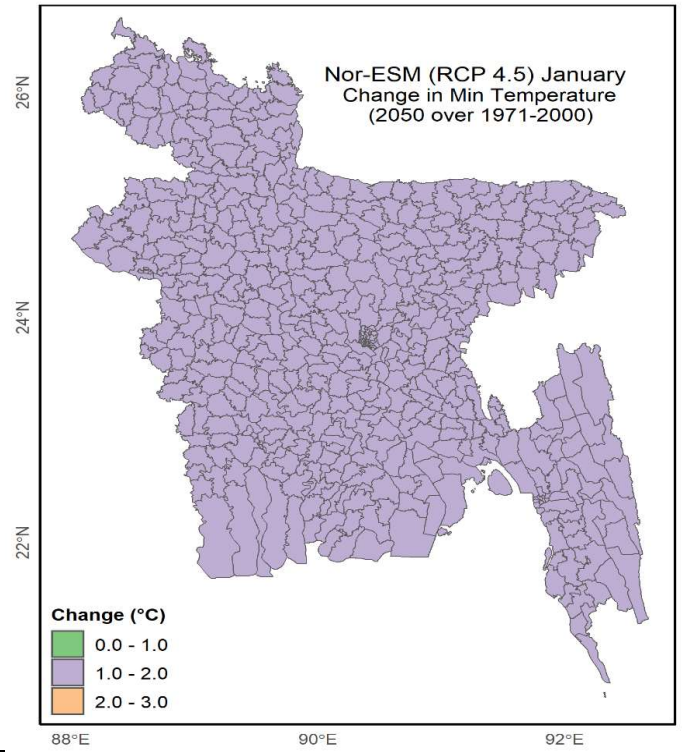


Fig. 6.81: Projected minimum temperature change (in°C) under RCP4.5 for annual for the year 2030 in Bangladesh.



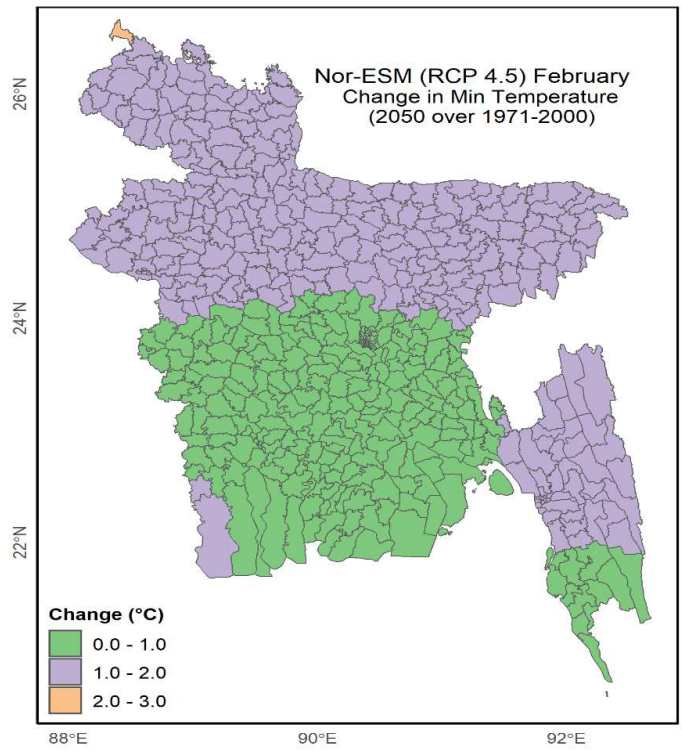
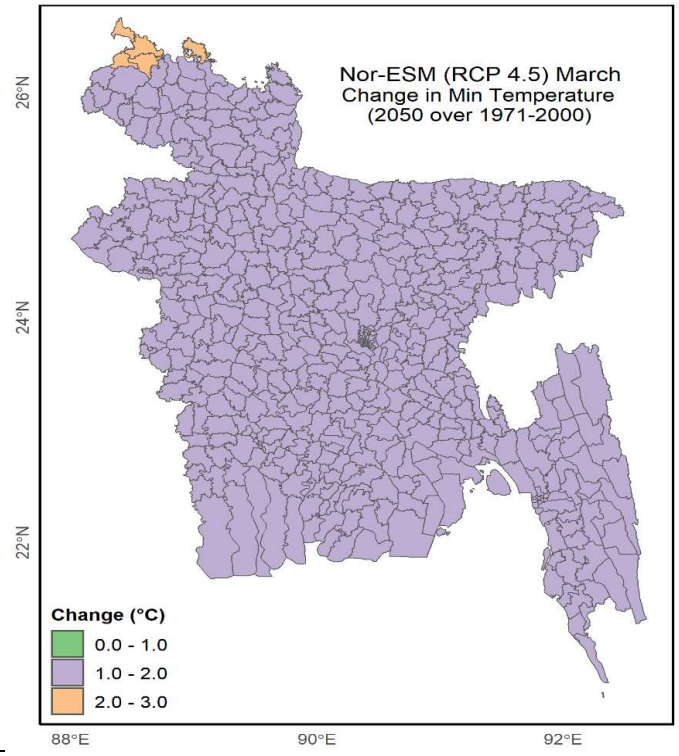


Fig. 6.82: Projected minimum temperature change (in°C) under RCP4.5 for January and February for the year 2050 in Bangladesh.



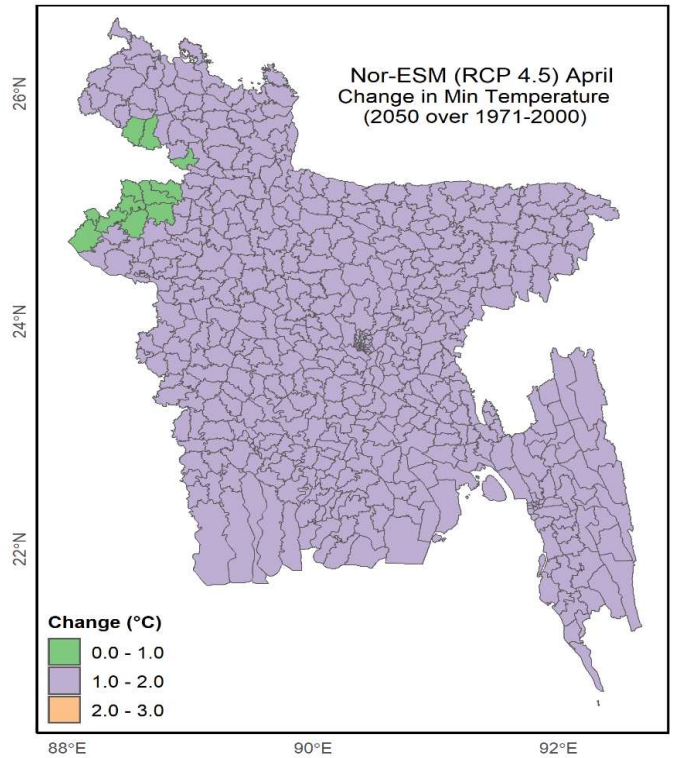
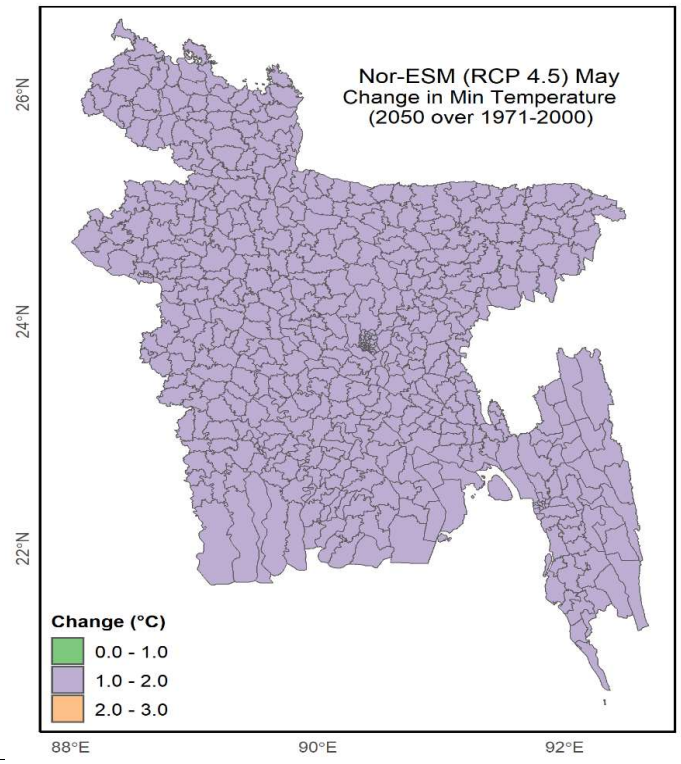


Fig. 6.83: Projected minimum temperature change (in°C) under RCP4.5 for March and April for the year 2050 in Bangladesh.



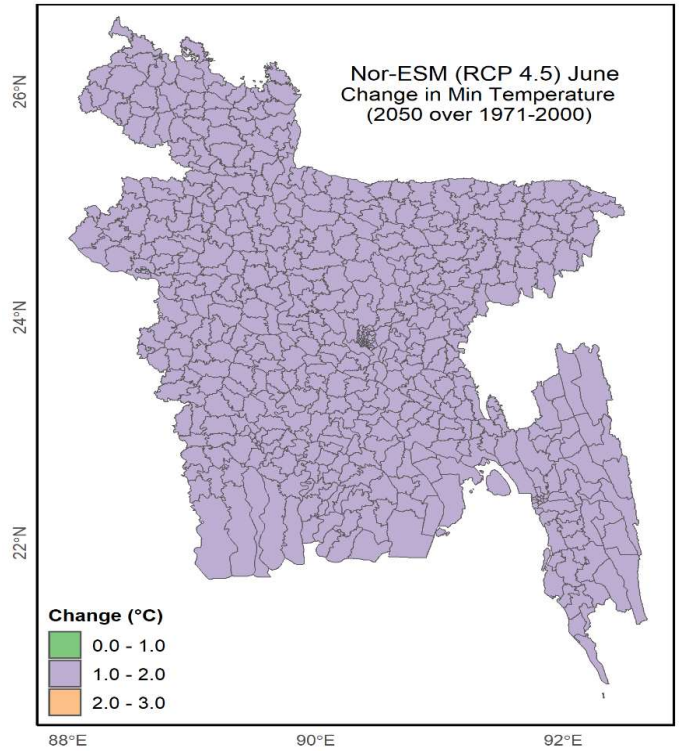
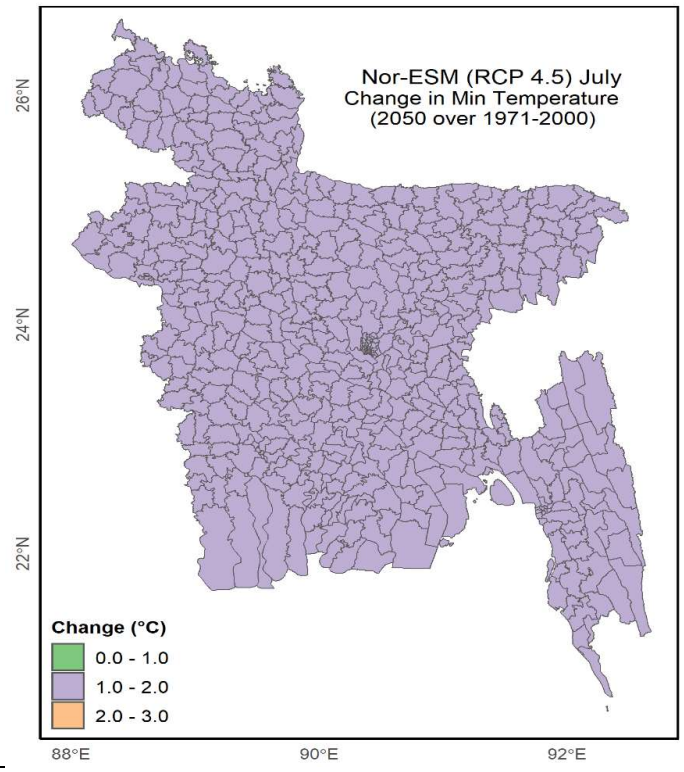


Fig. 6.84: Projected minimum temperature change (in°C) under RCP4.5 for May and June for the year 2050 in Bangladesh.



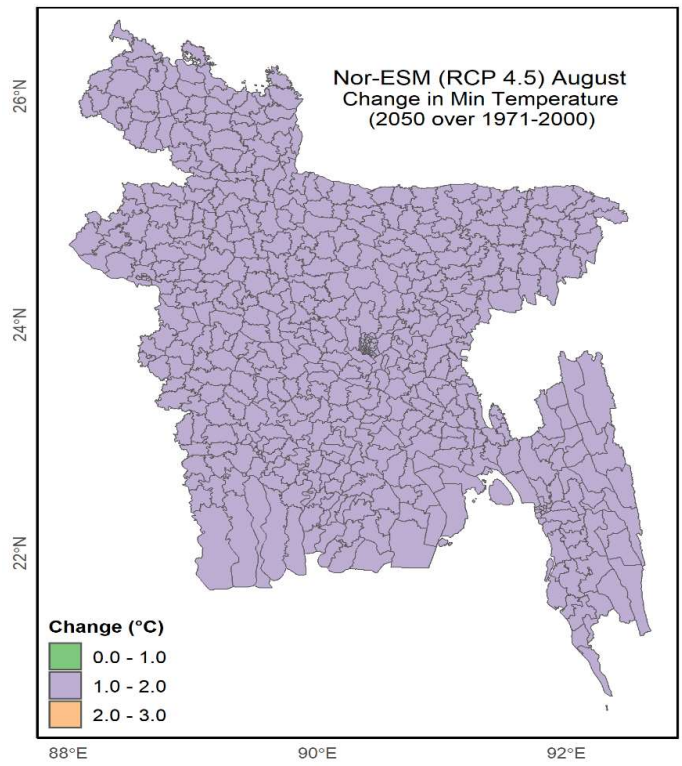
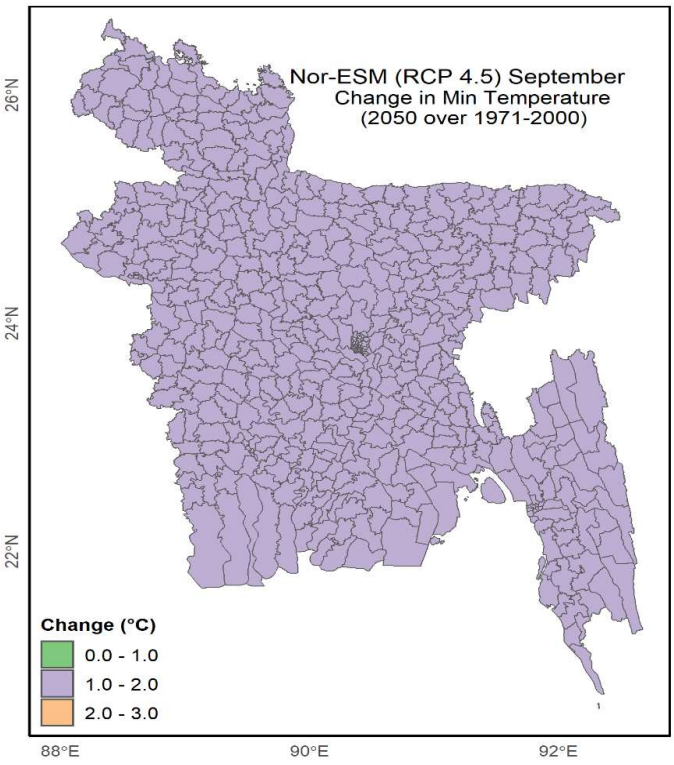


Fig. 6.85: Projected minimum temperature change (in°C) under RCP4.5 for July and August for the year 2050 in Bangladesh.



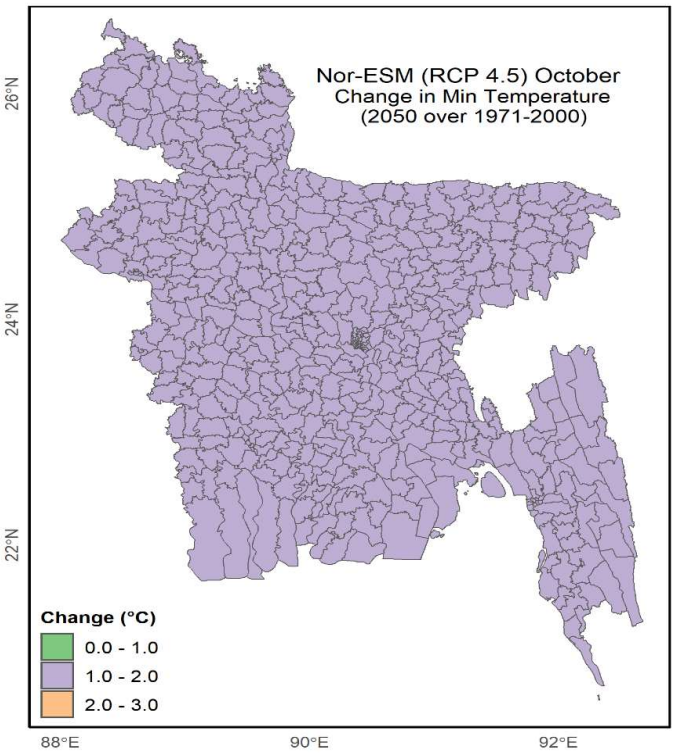
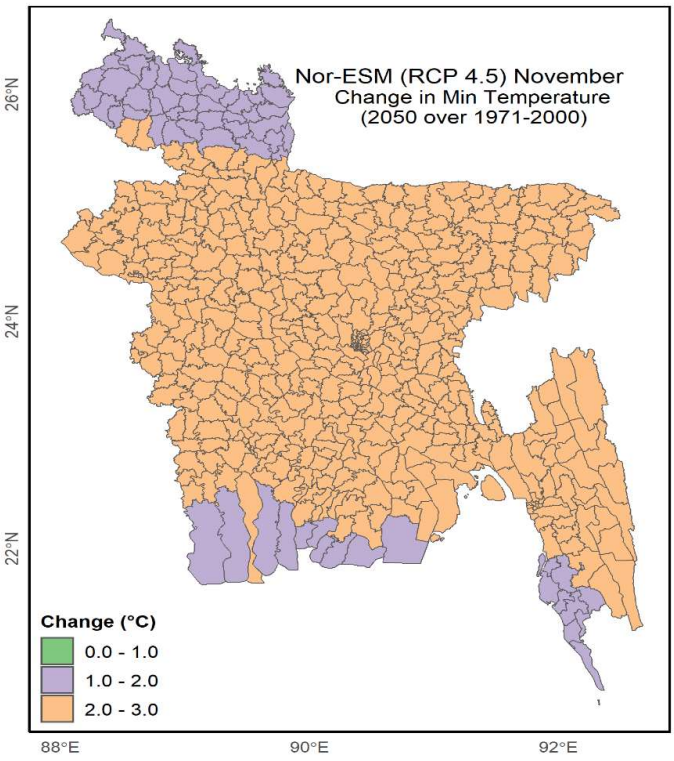


Fig. 6.86: Projected minimum temperature change (in°C) under RCP4.5 for September and October for the year 2050 in Bangladesh.



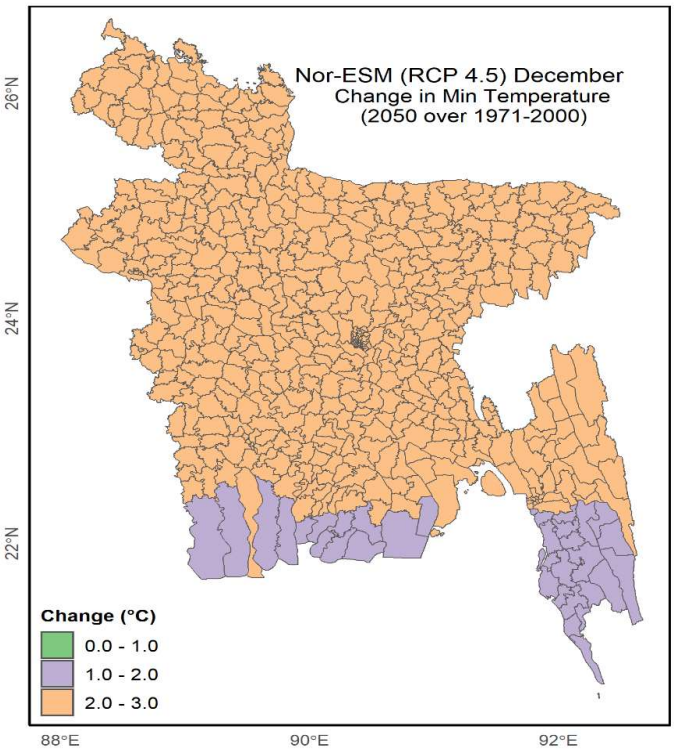
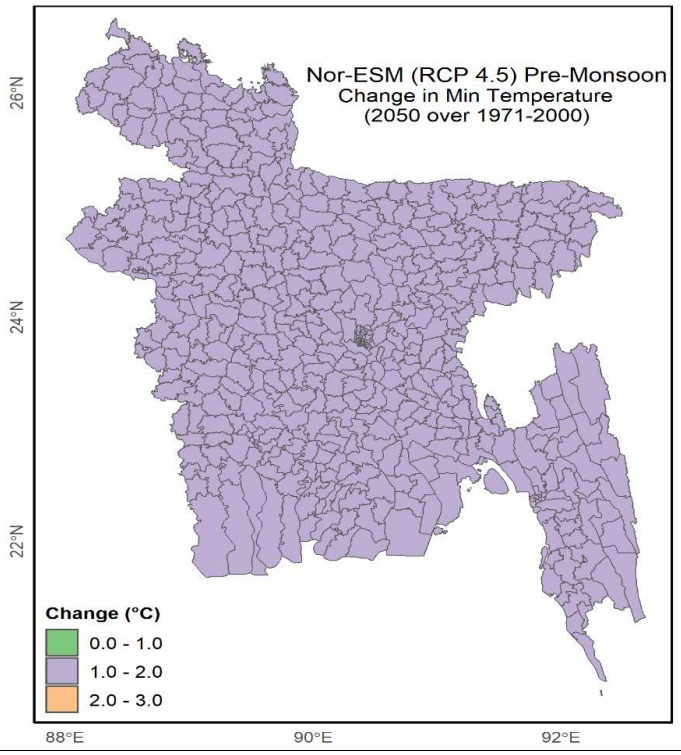


Fig. 6.87: Projected minimum temperature change (in°C) under RCP4.5 for November and December for the year 2050 in Bangladesh.



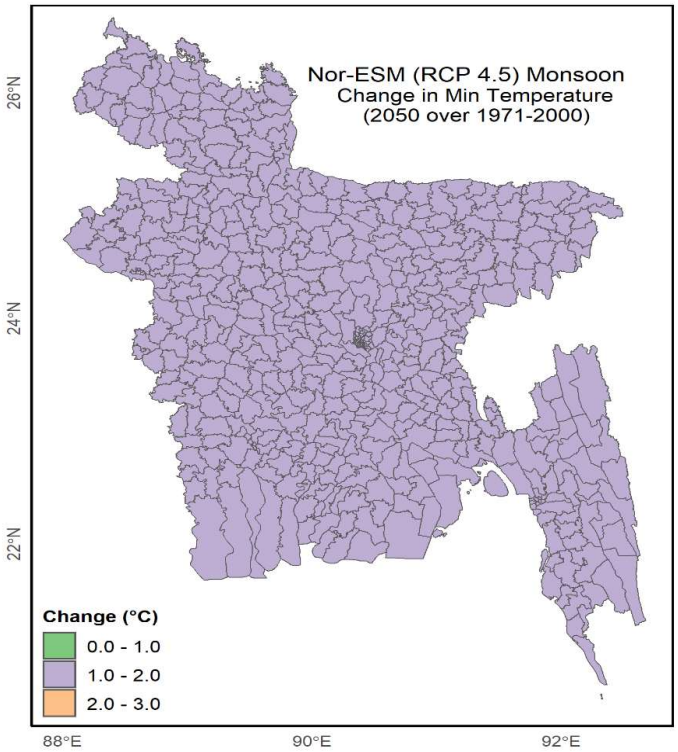
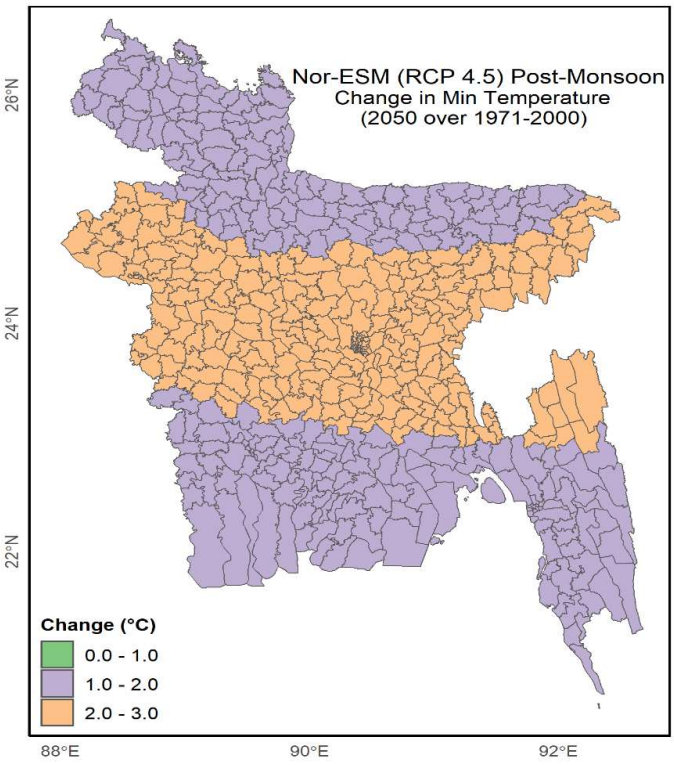


Fig. 6.88: Projected minimum temperature change (in°C) under RCP4.5 for pre-monsoon and monsoon for the year 2050 in Bangladesh.



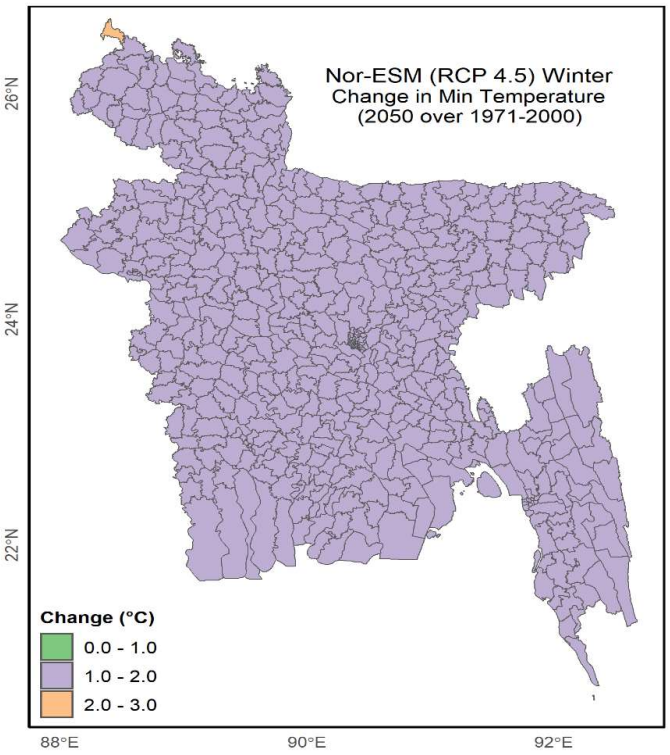


Fig. 6.89: Projected minimum temperature change (in°C) under RCP4.5 for post-monsoon and winter for the year 2050 in Bangladesh.

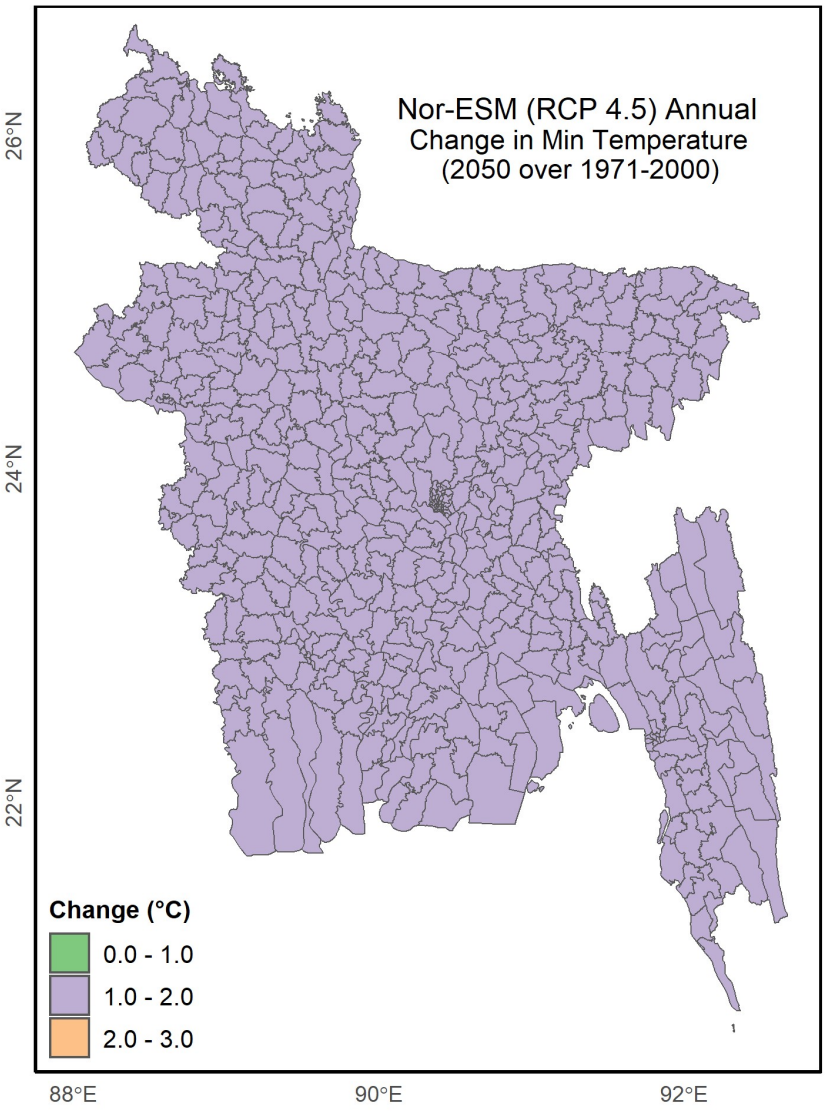
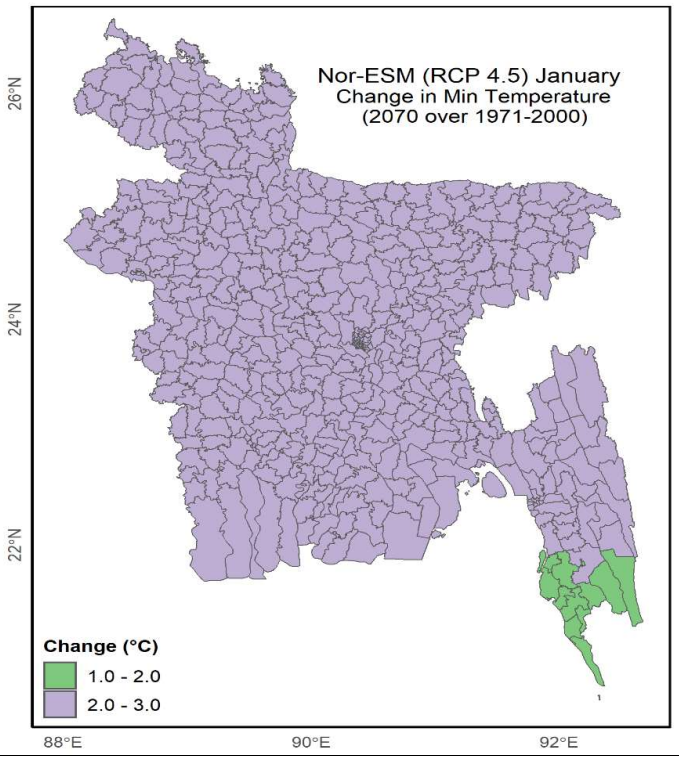


Fig. 6.90: Projected minimum temperature change (in°C) under RCP4.5 for annual for the year 2050 in Bangladesh.



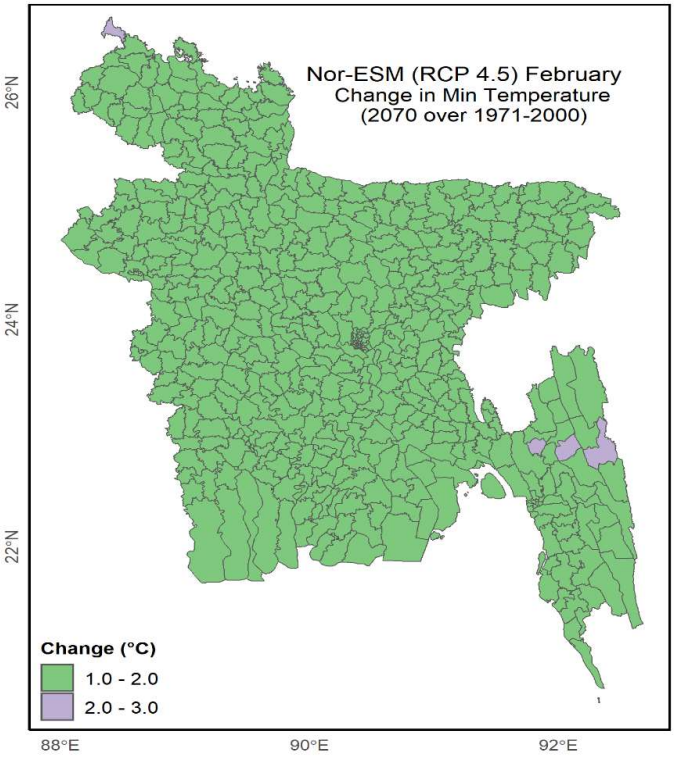
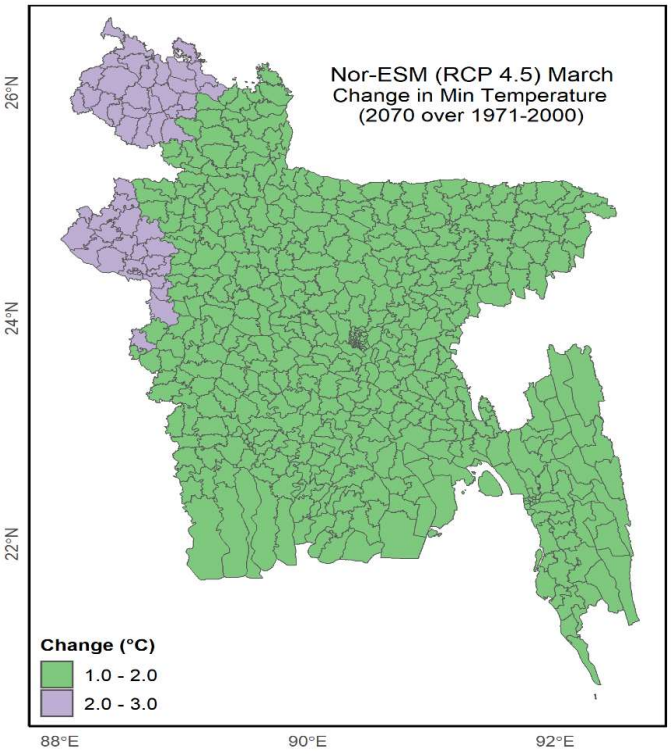


Fig. 6.91: Projected minimum temperature change (in°C) under RCP4.5 for January and February for the year 2070 in Bangladesh.



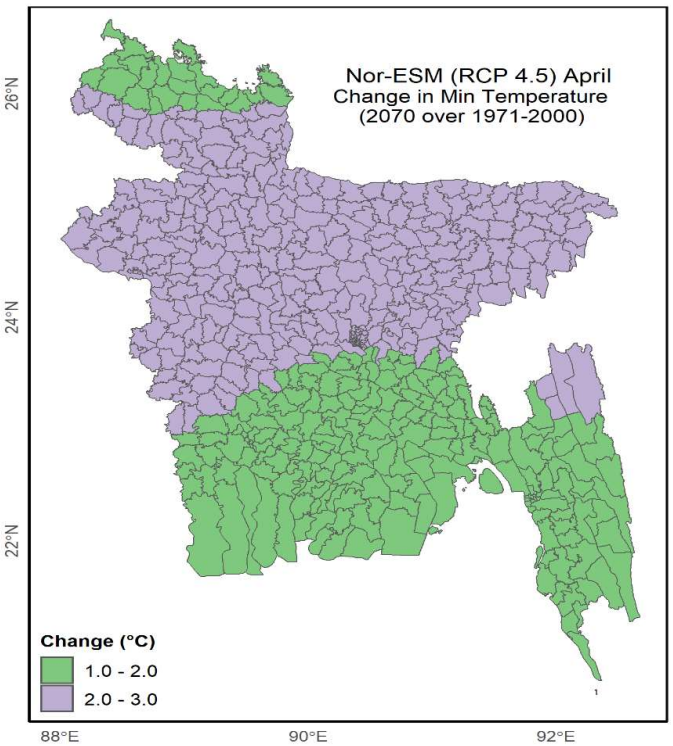
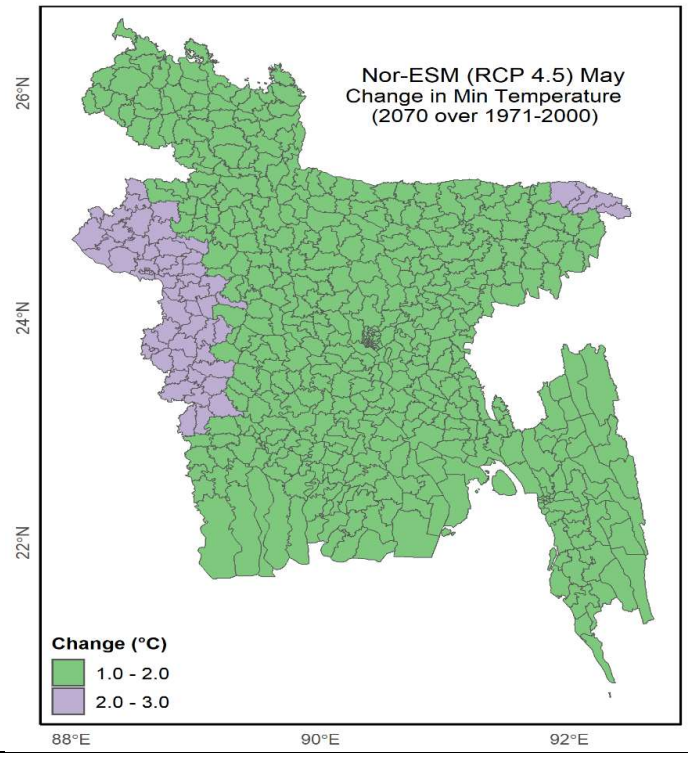


Fig. 6.92: Projected minimum temperature change (in°C) under RCP4.5 for March and April for the year 2070 in Bangladesh.



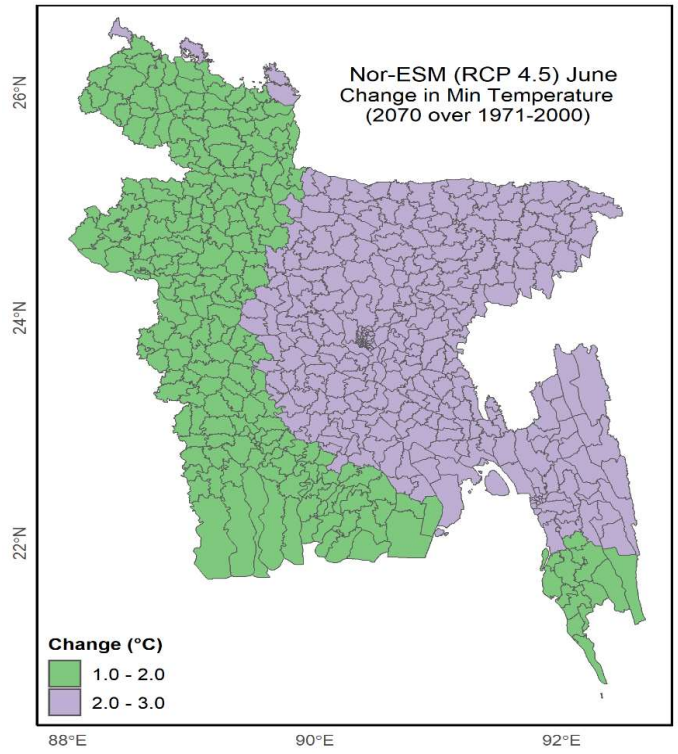
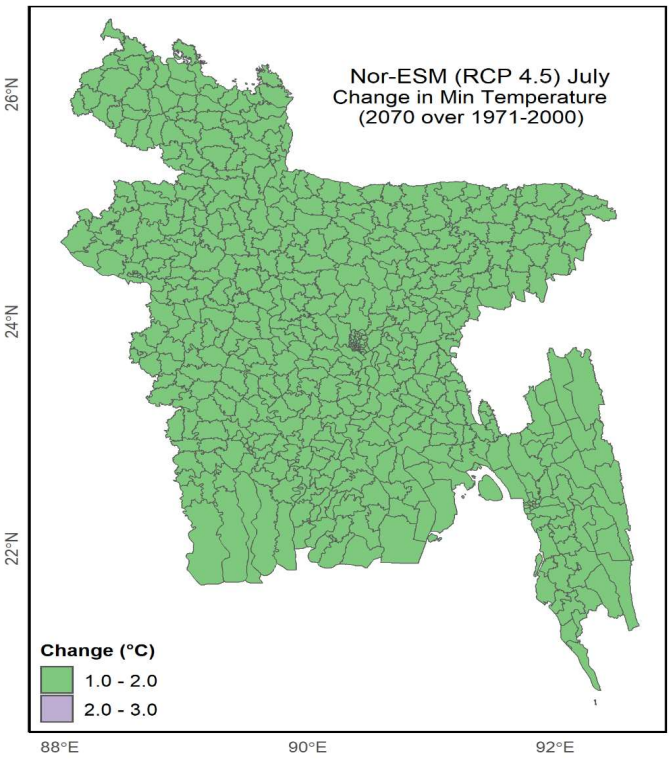


Fig. 6.93: Projected minimum temperature change (in°C) under RCP4.5 for May and June for the year 2070 in Bangladesh.



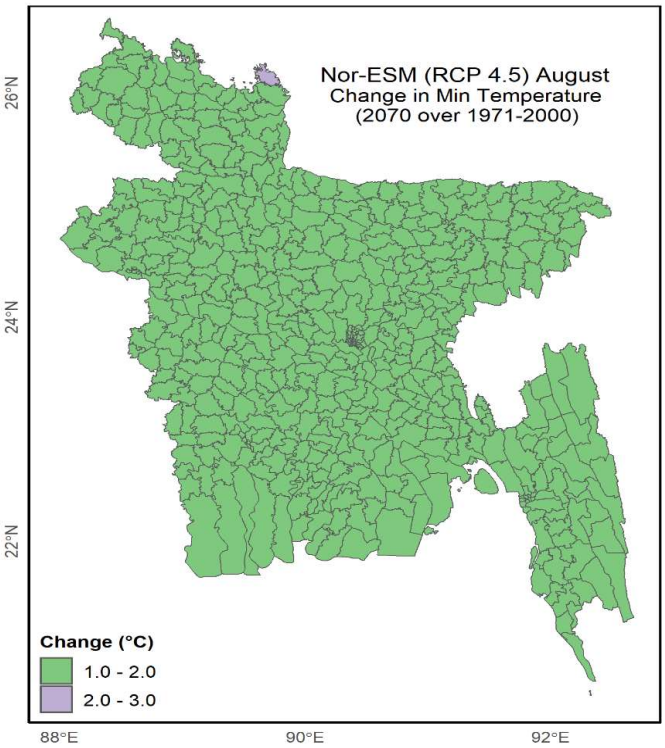
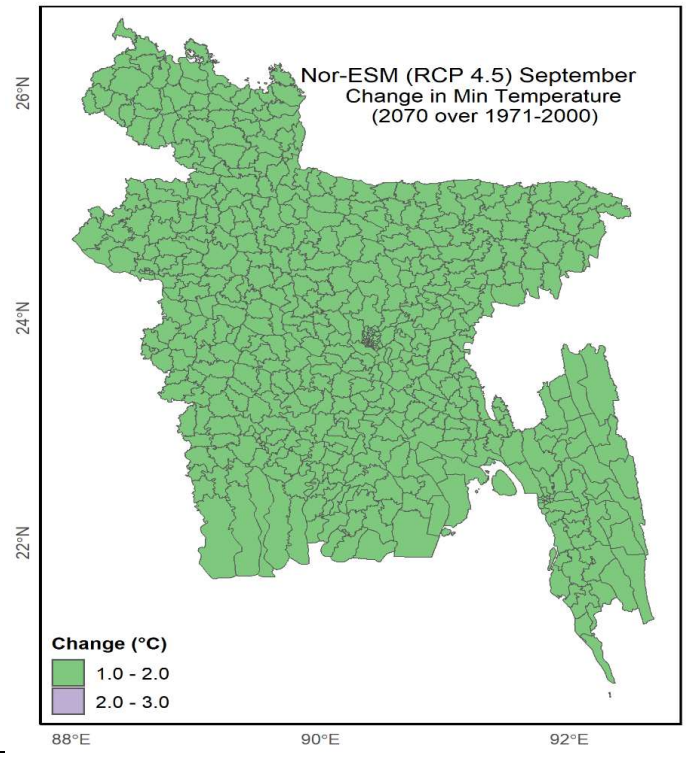


Fig. 6.94: Projected minimum temperature change (in°C) under RCP4.5 for July and August for the year 2070 in Bangladesh.



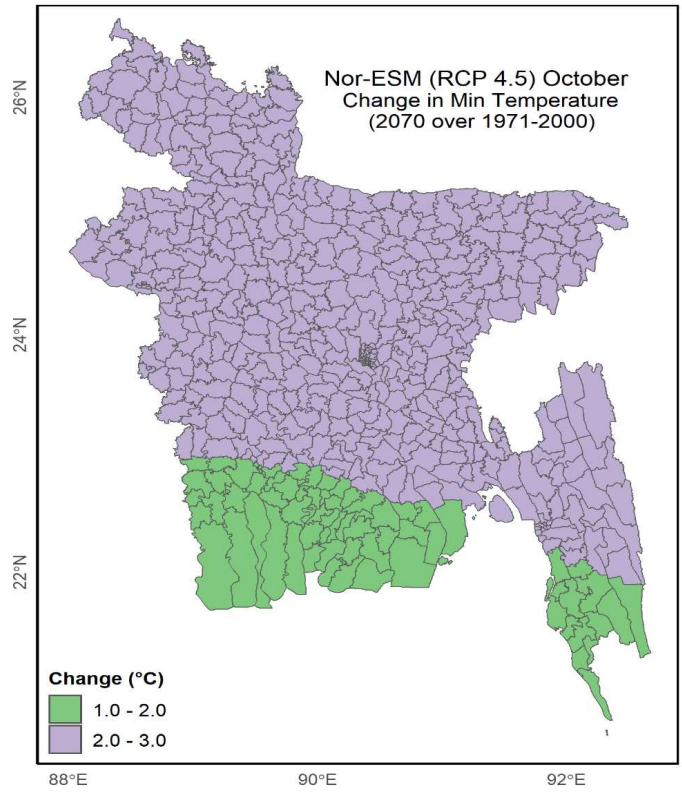
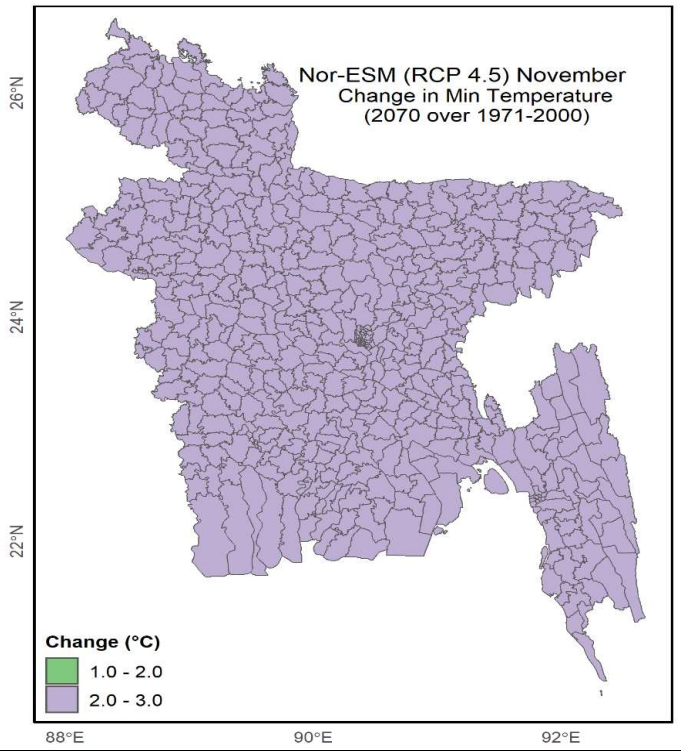


Fig. 6.95: Projected minimum temperature change (in°C) under RCP4.5 for September and October for the year 2070 in Bangladesh.



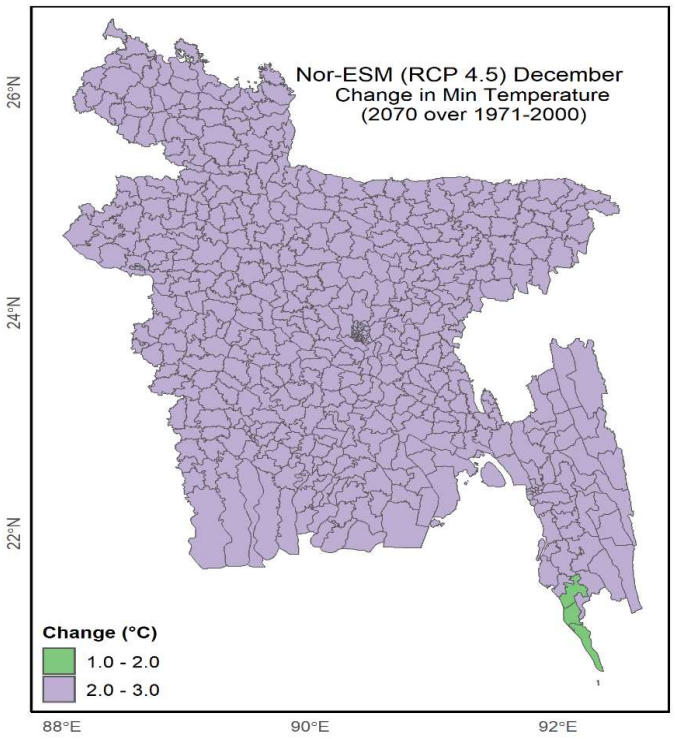
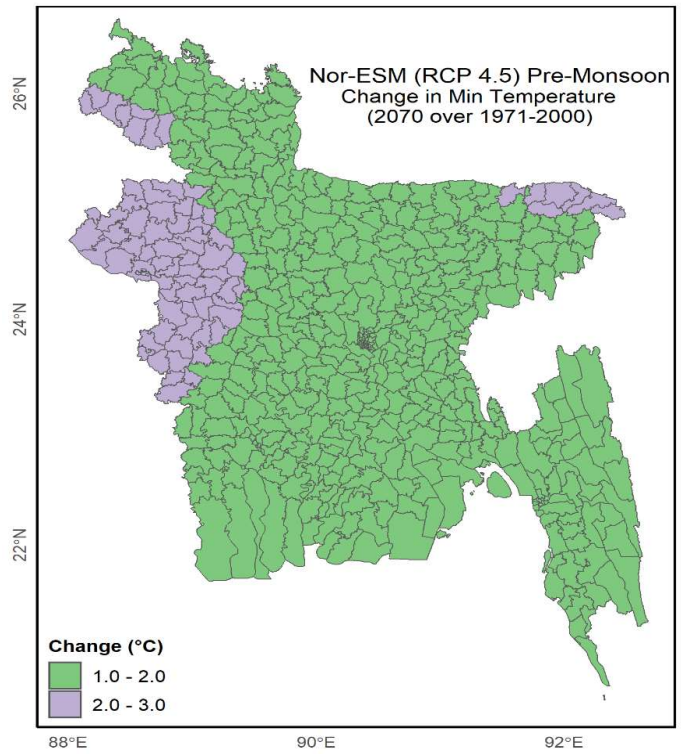


Fig. 6.96: Projected minimum temperature change (in°C) under RCP4.5 for November and December for the year 2070 in Bangladesh.



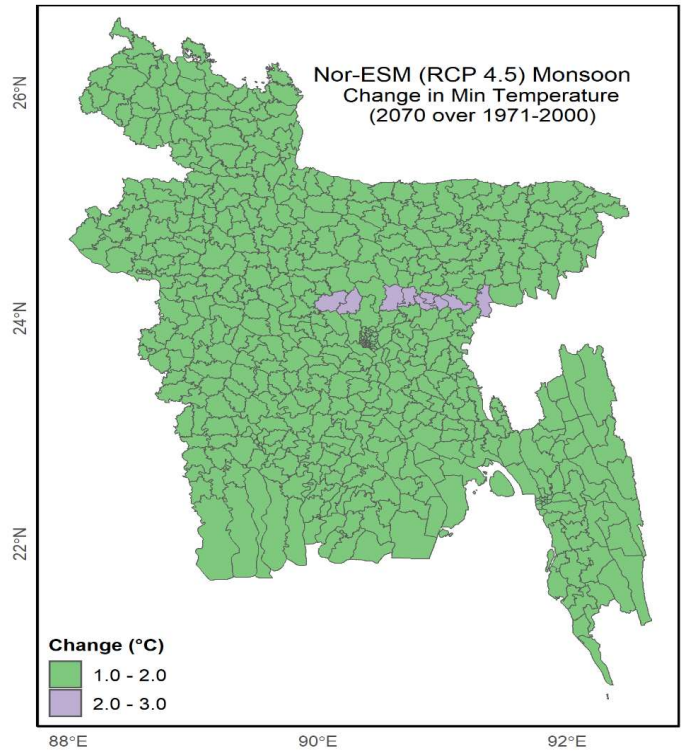
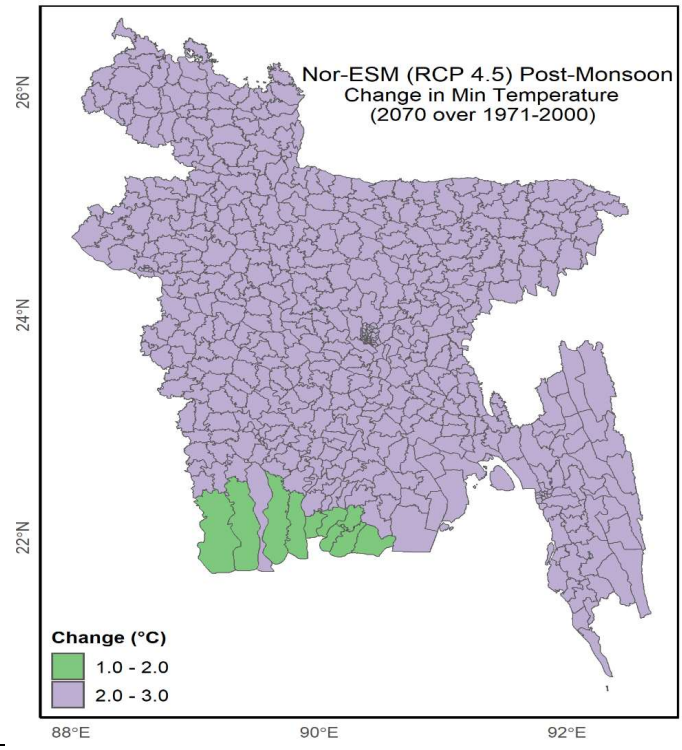


Fig. 6.97: Projected minimum temperature change (in°C) under RCP4.5 for pre-monsoon and monsoon season for the year 2070 in Bangladesh.



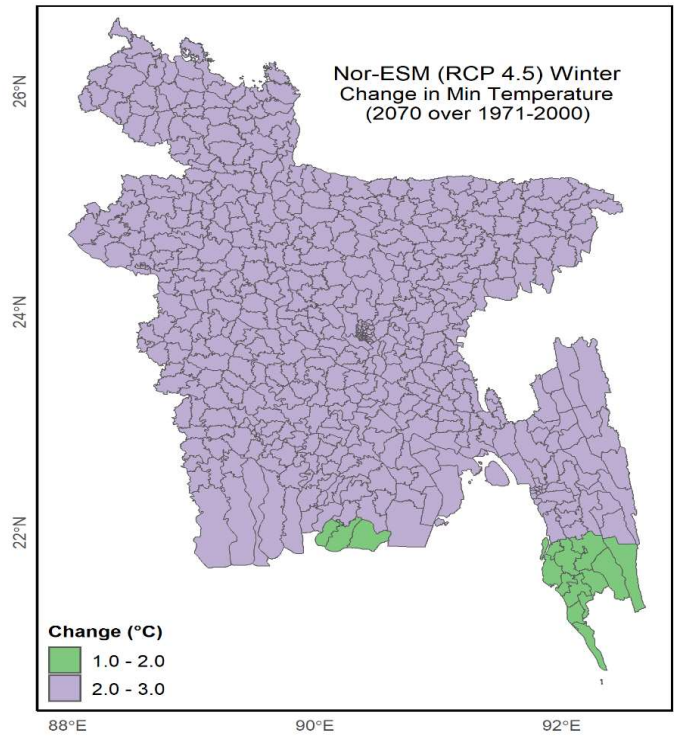


Fig.6.98: Projected minimum temperature change (in°C) under RCP4.5 for post-monsoon and winter season for the year 2070 in Bangladesh.

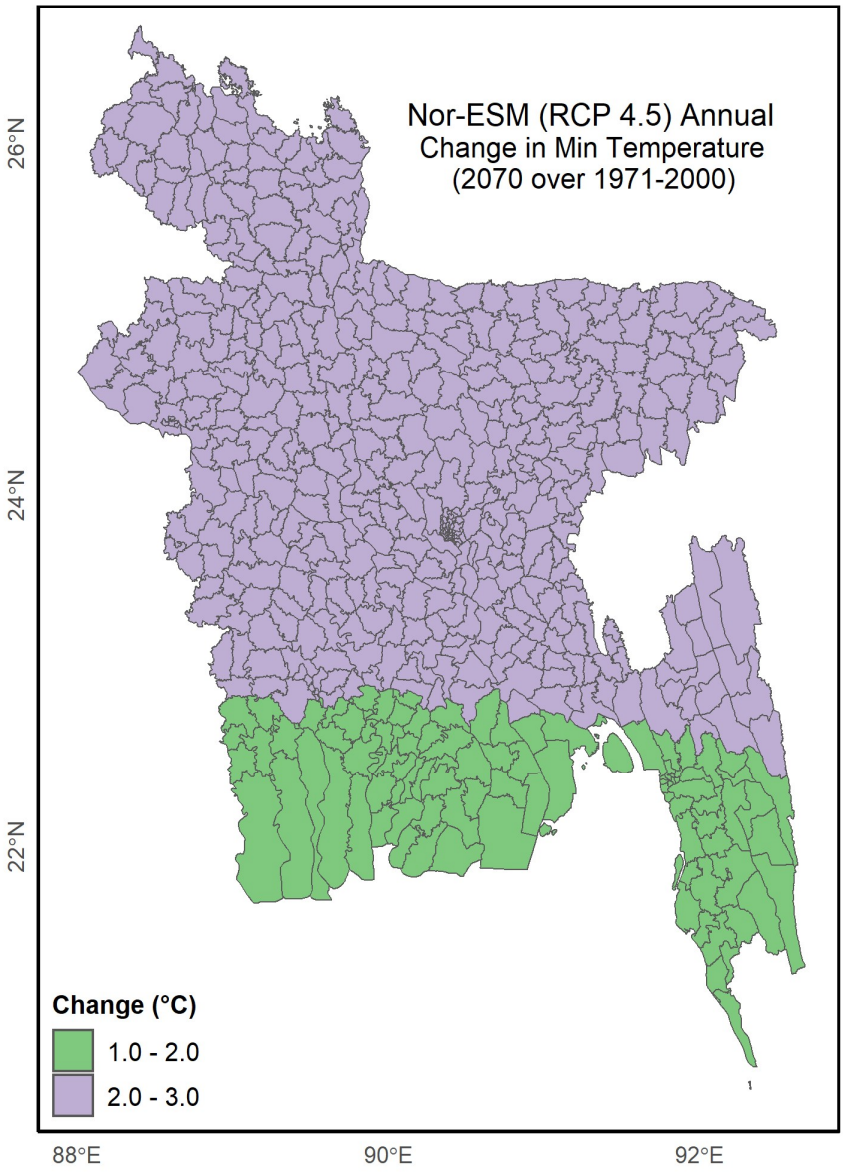
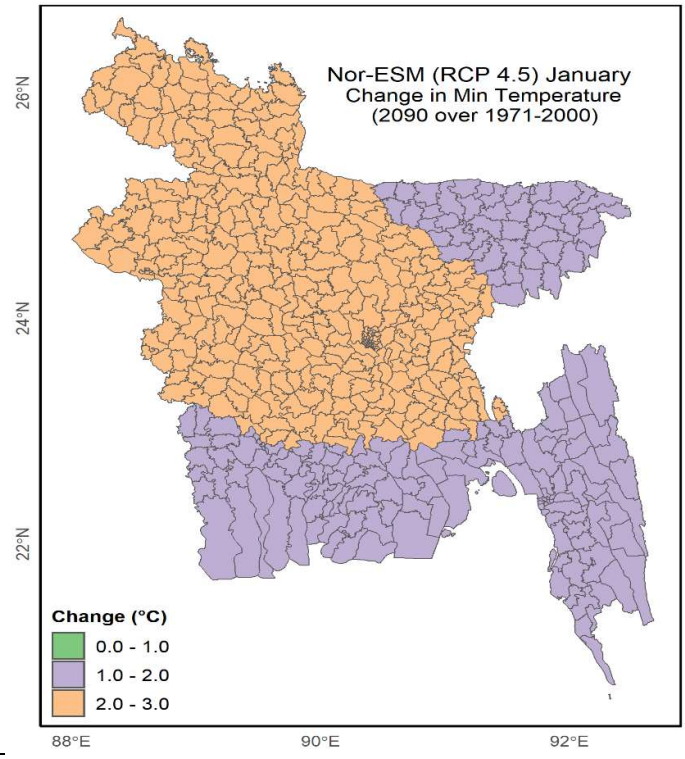


Fig. 6.99: Projected minimum temperature change (in°C) under RCP4.5 for annual for the year 2070 in Bangladesh.



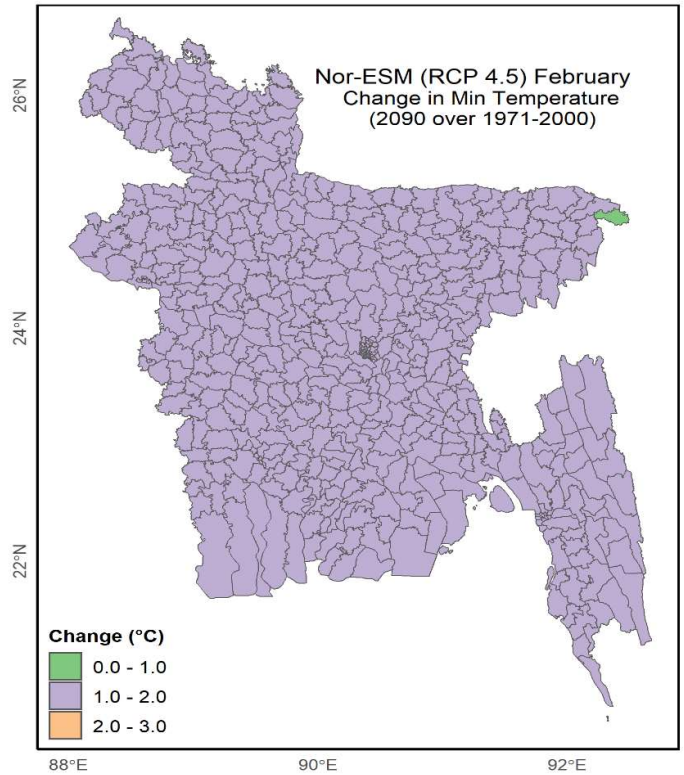
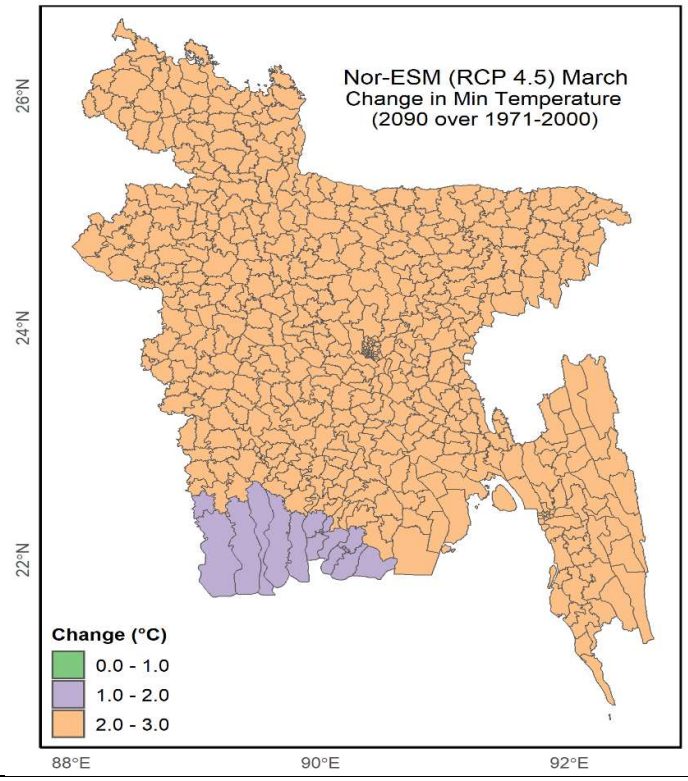


Fig. 6.100: Projected minimum temperature change (in°C) under RCP4.5 for January and February for the year 2090 in Bangladesh.



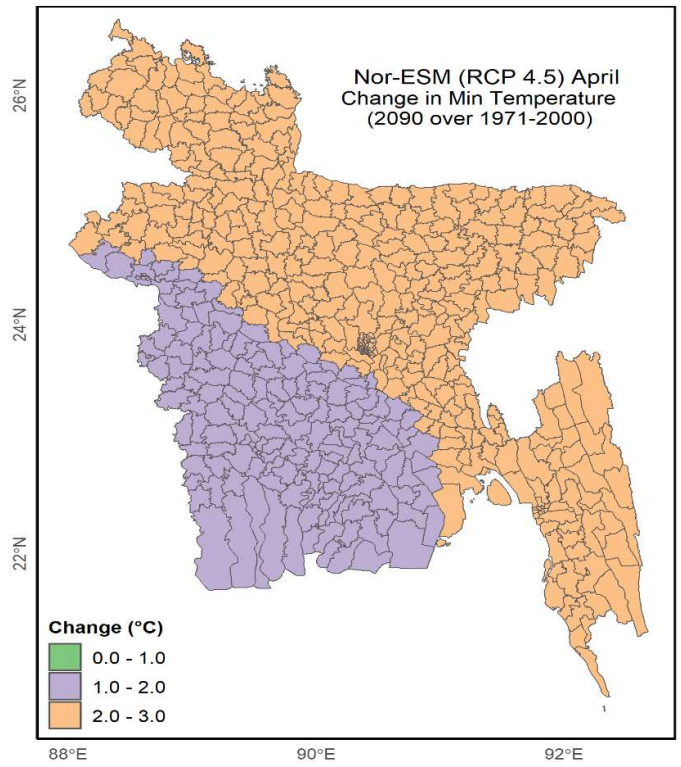
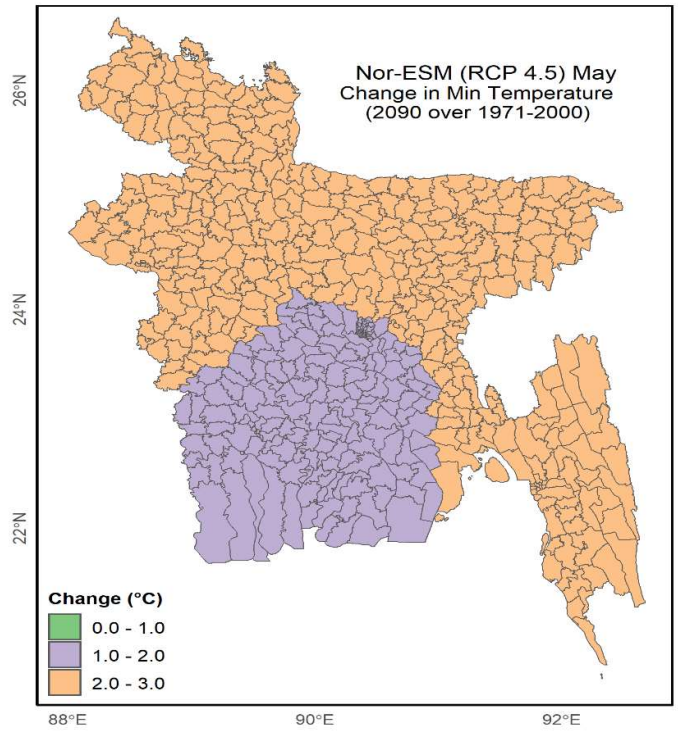


Fig. 6.101: Projected minimum temperature change (in°C) under RCP4.5 for March and April for the year 2090 in Bangladesh.



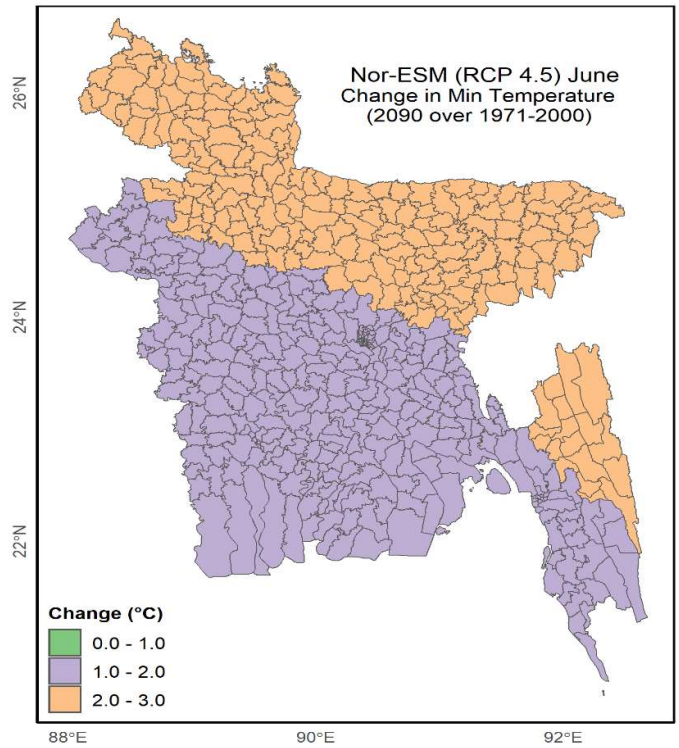
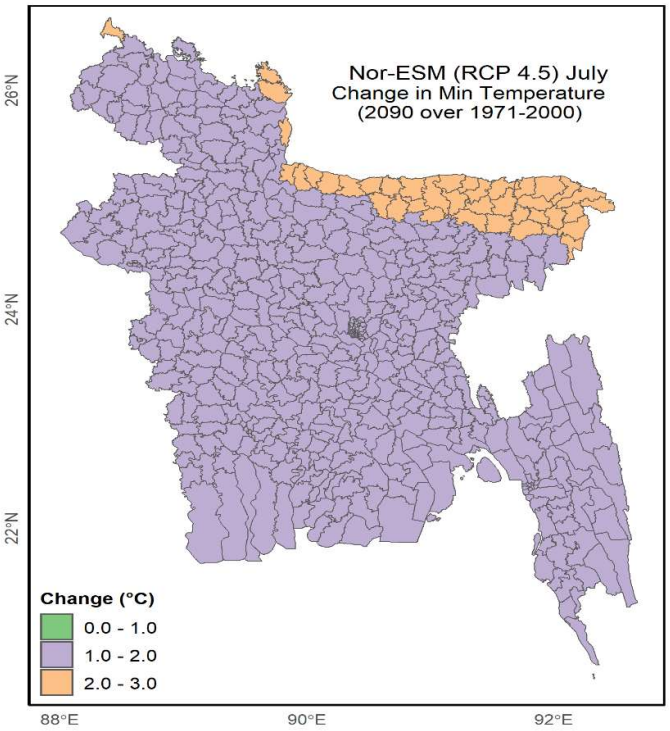


Fig. 6.102: Projected minimum temperature change (in°C) under RCP4.5 for May and June for the year 2090 in Bangladesh.



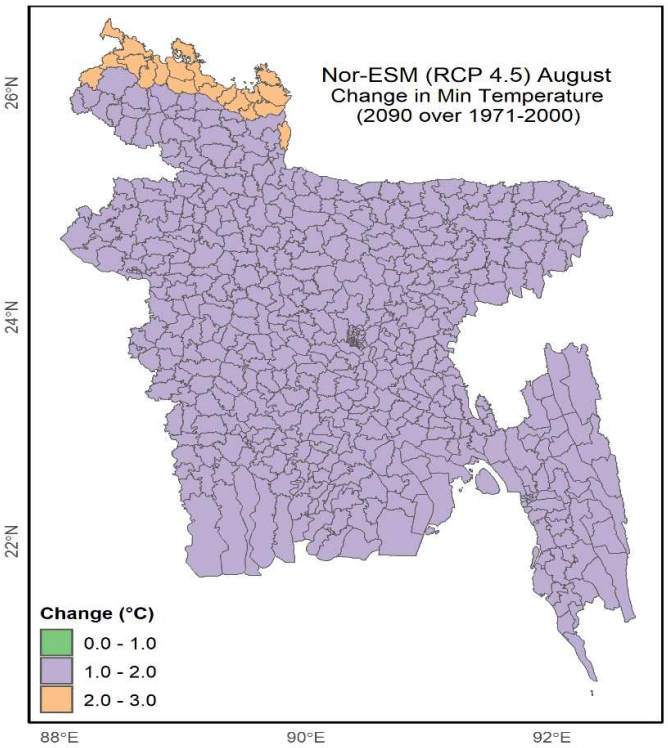
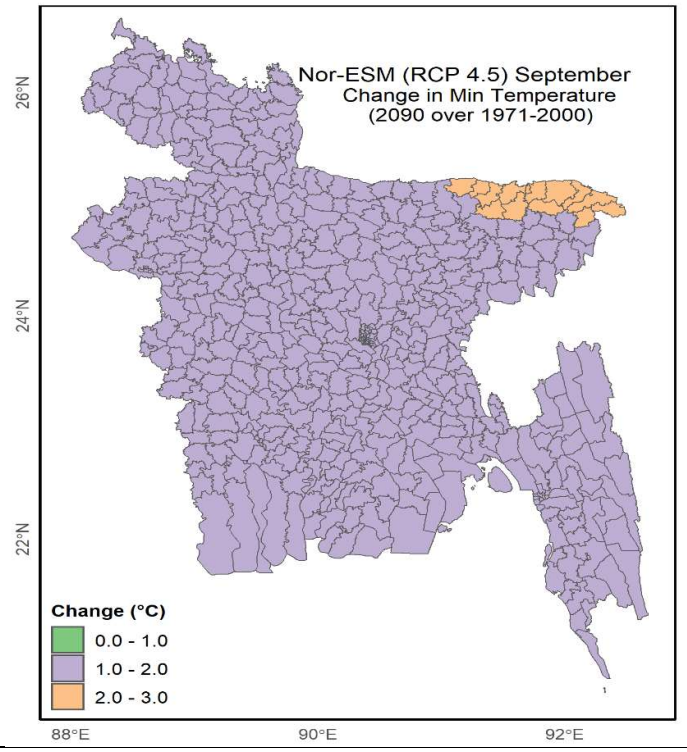


Fig. 6.103: Projected minimum temperature change (in°C) under RCP4.5 for July and August for the year 2090 in Bangladesh.



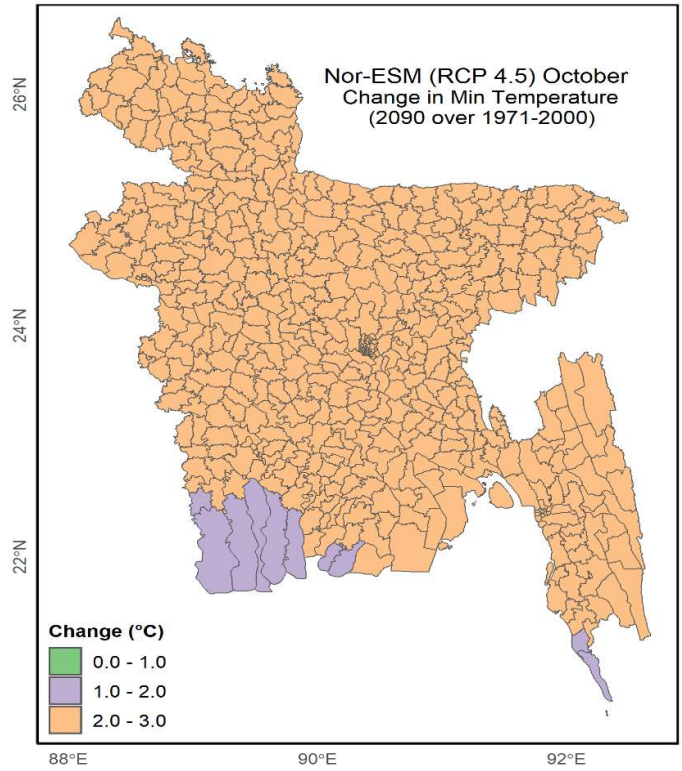
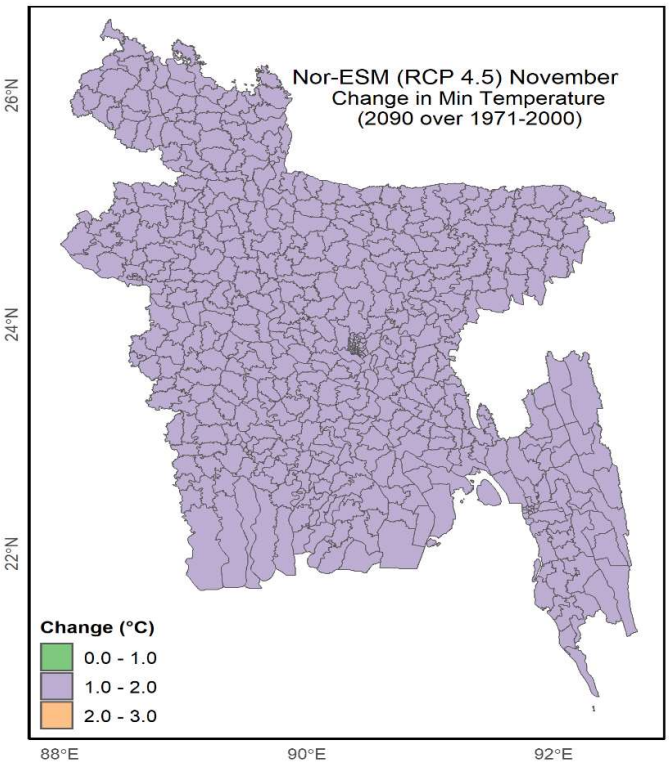


Fig. 6.104: Projected minimum temperature change (in°C) under RCP4.5 for September and October for the year 2090 in Bangladesh.



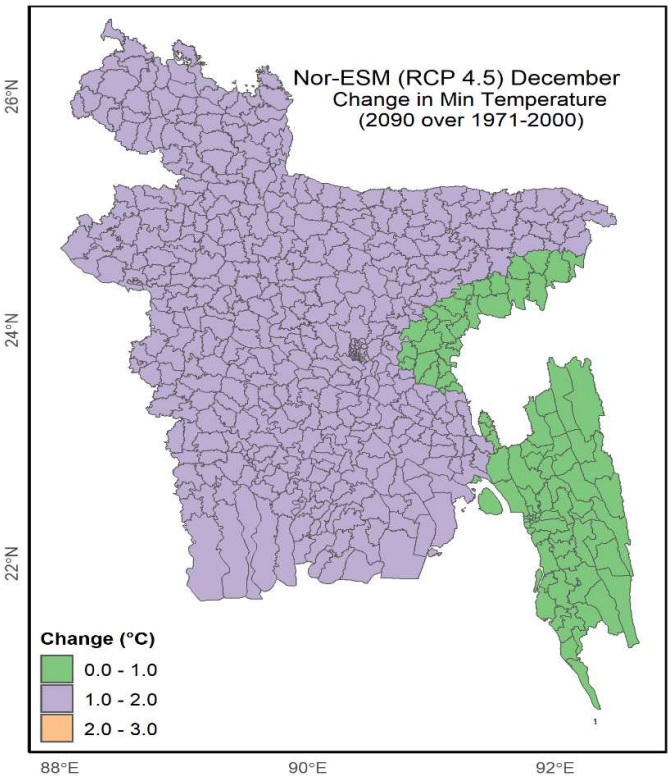
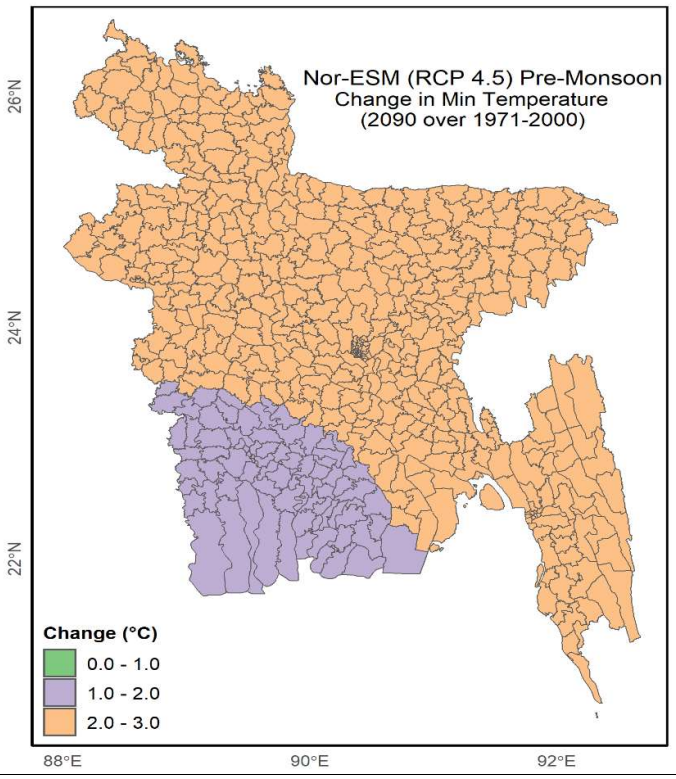


Fig. 6.105: Projected minimum temperature change (in°C) under RCP4.5 for November and December for the year 2090 in Bangladesh.



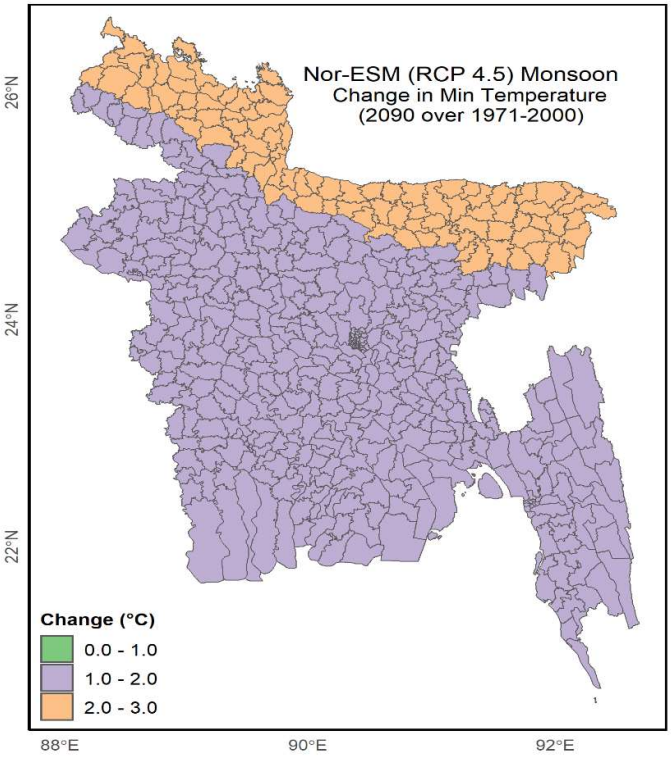
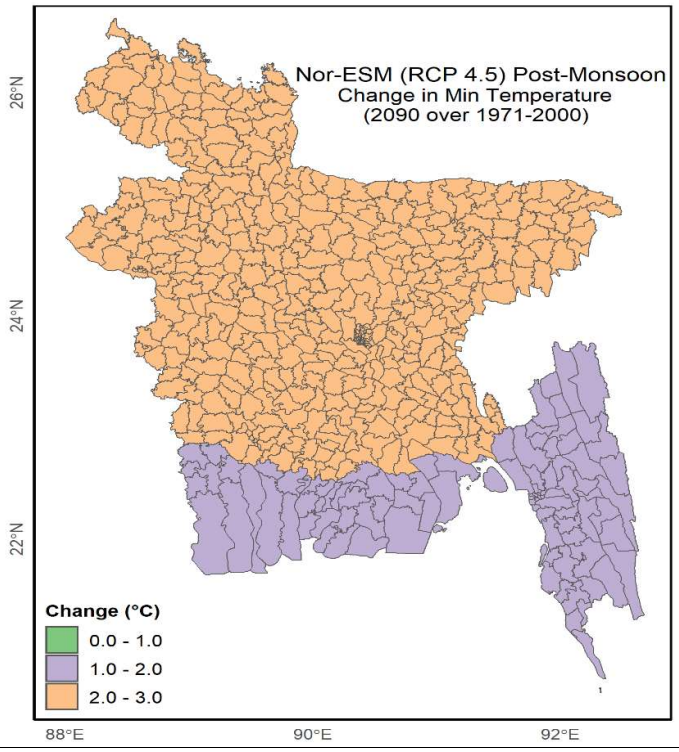


Fig.6.106: Projected minimum temperature change (in°C) under RCP4.5 for pre-monsoon and monsoon season for the year 2090 in Bangladesh.



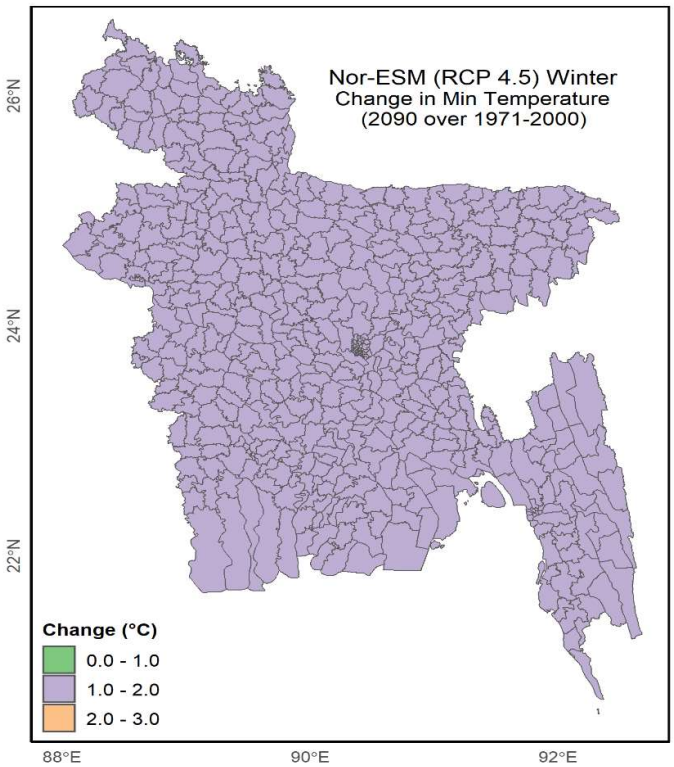


Fig. 6.107: Projected minimum temperature change (in°C) under RCP4.5 for post-monsoon and winter season for the year 2090 in Bangladesh.

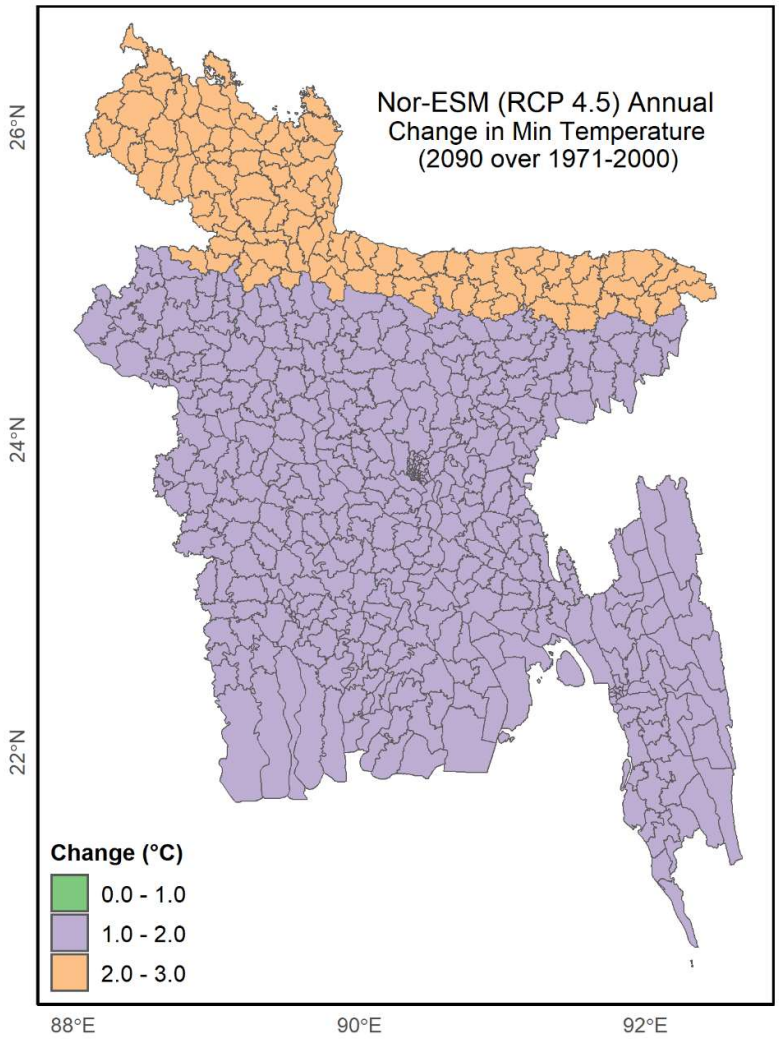
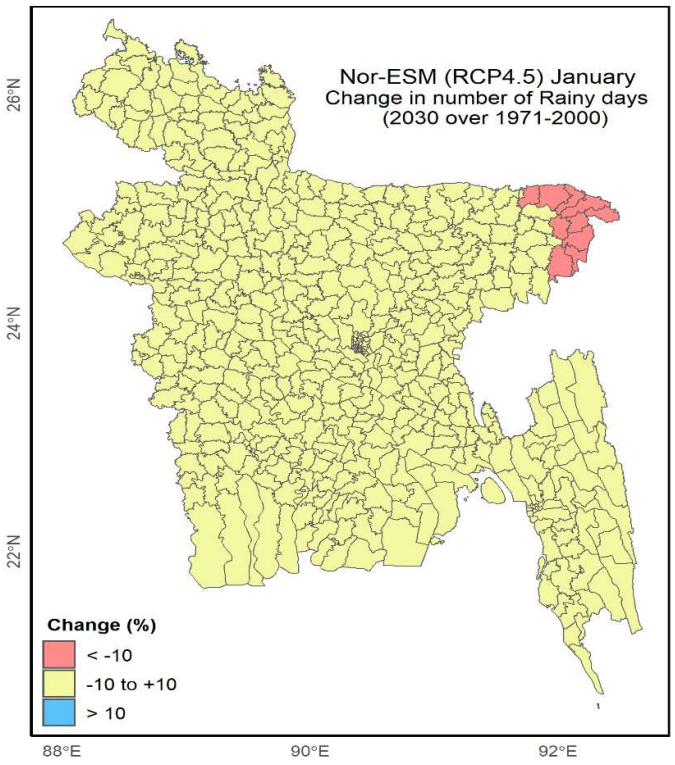


Fig. 6.108: Projected minimum temperature change (in°C) under RCP4.5 for annual for the year 2090 in Bangladesh.



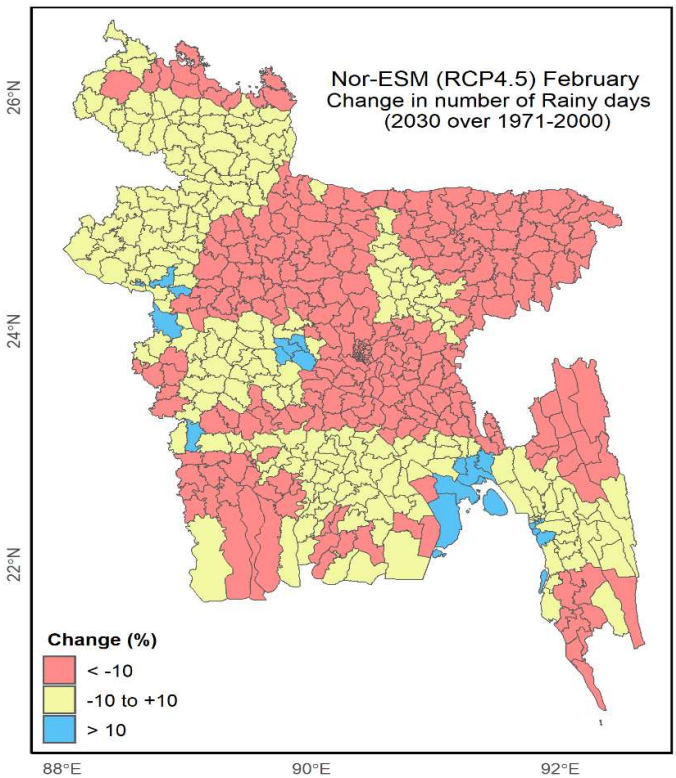
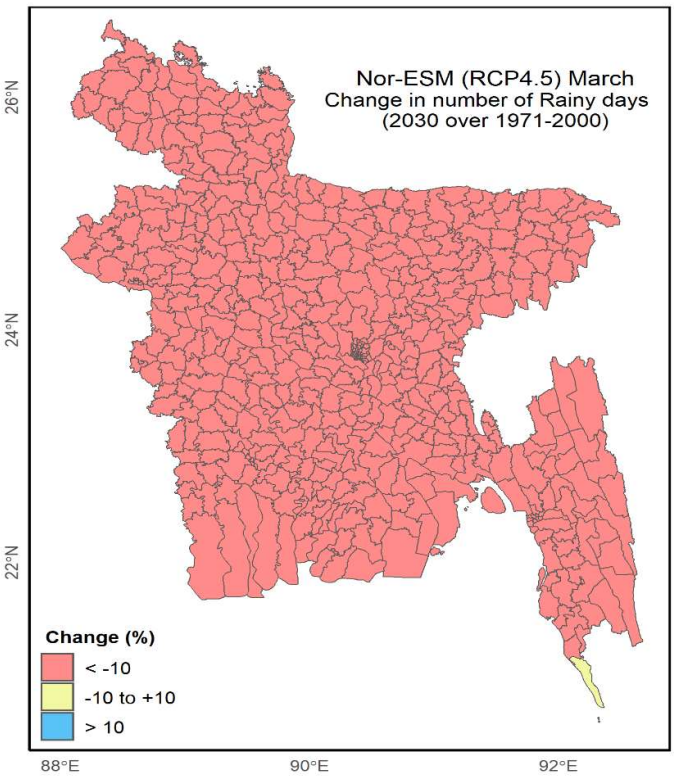


Fig. 7.1: Projected change in number of rainy days relative to 1971-2000 under RCP4.5 for January and February for the year 2030 in Bangladesh.



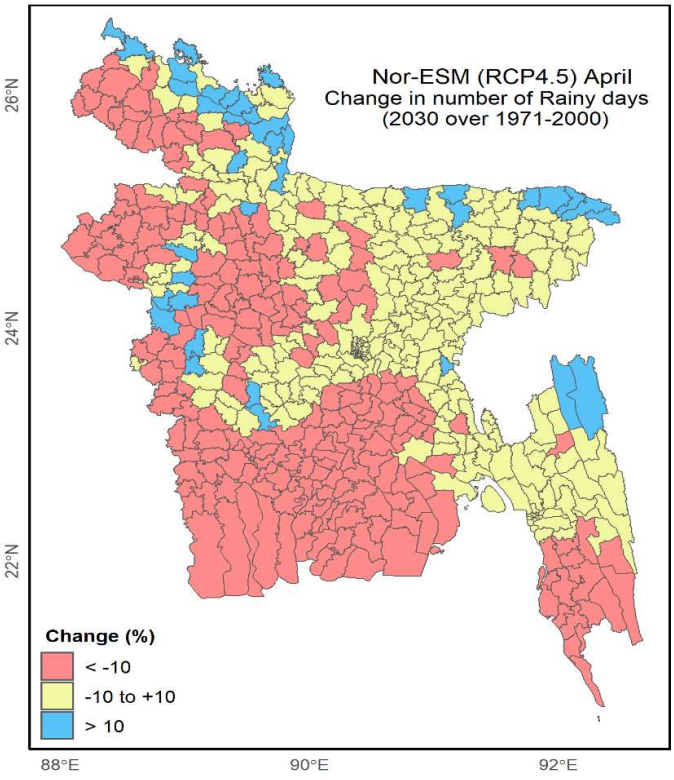
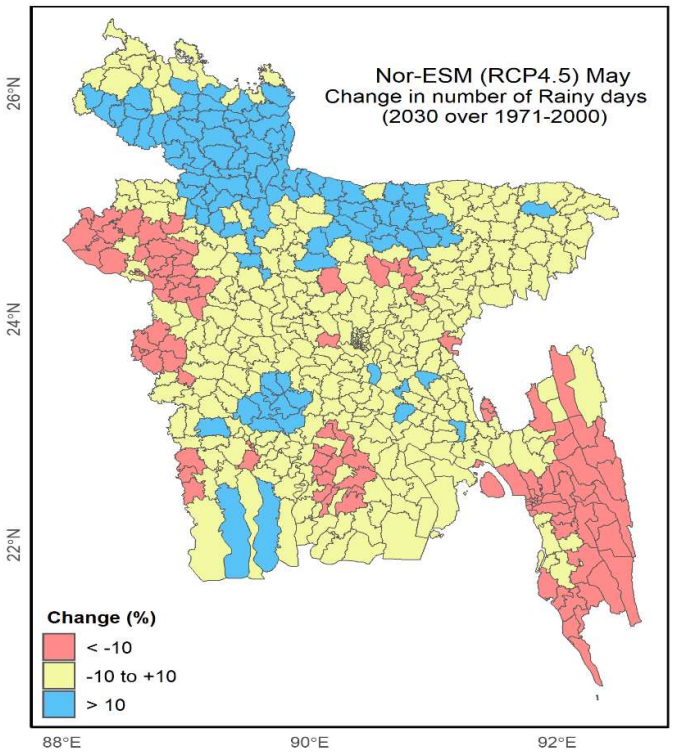


Fig.7.2: Projected change in number of rainy days relative to 1971-2000 under RCP4.5 for March and April for the year 2030 in Bangladesh.



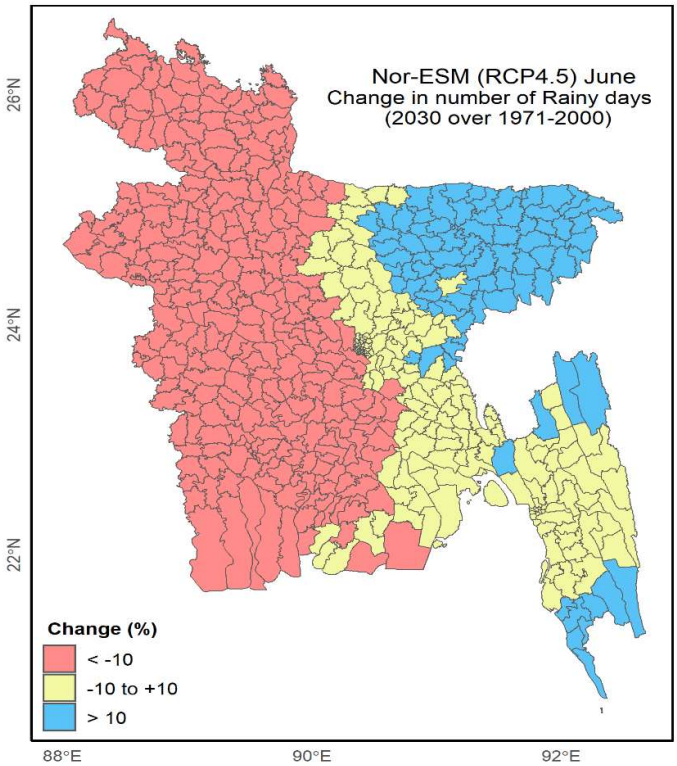
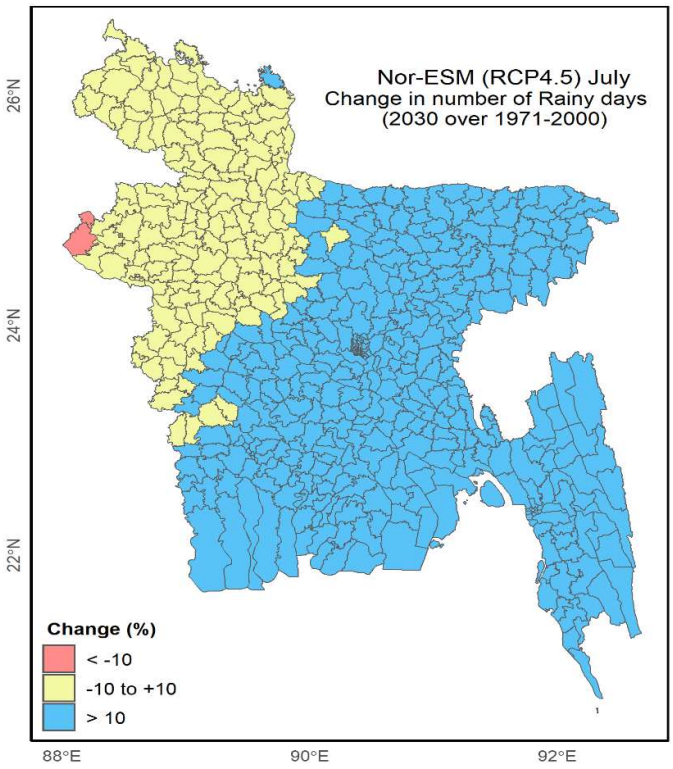


Fig. 7.3: Projected change in number of rainy days relative to 1971-2000 under RCP4.5 for May and June for the year 2030 in Bangladesh.



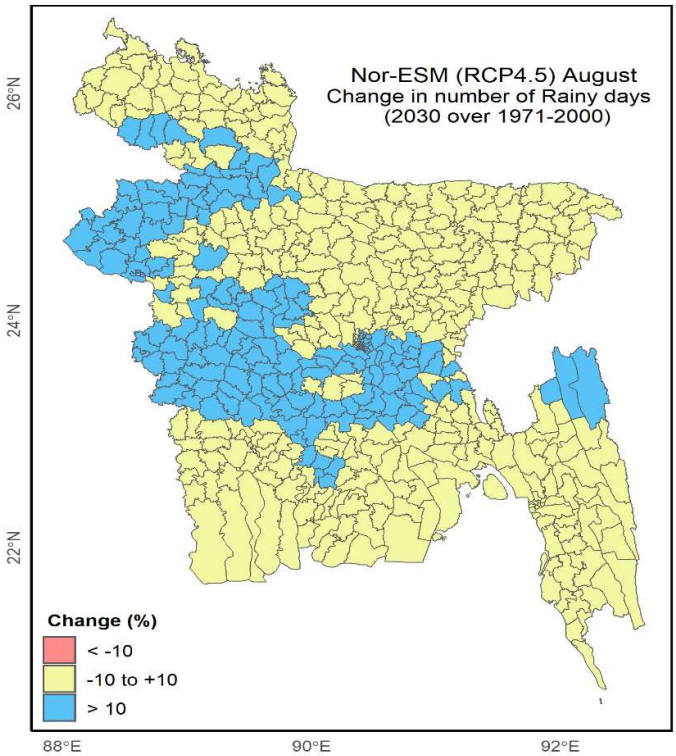
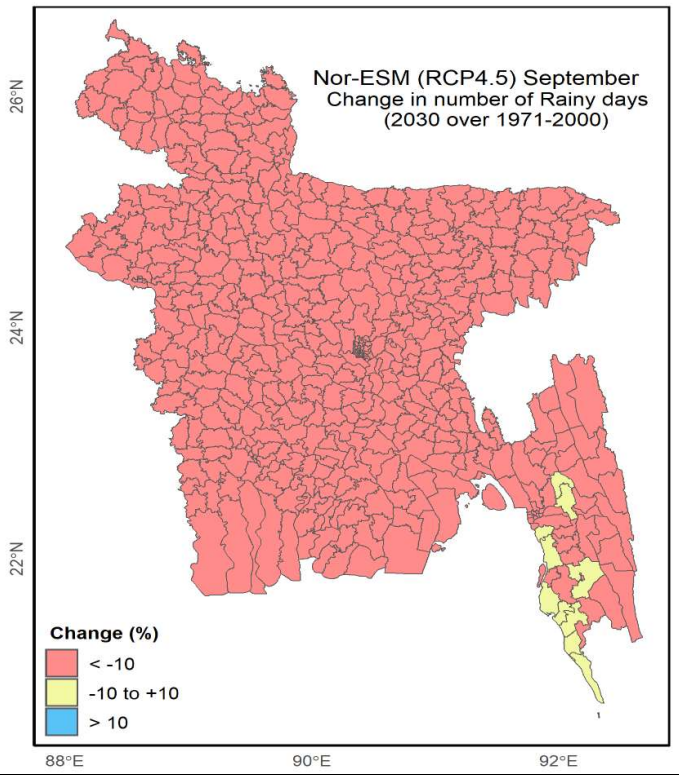


Fig. 7.4: Projected change in number of rainy days relative to 1971-2000 under RCP4.5 for July and August for the year 2030 in Bangladesh.



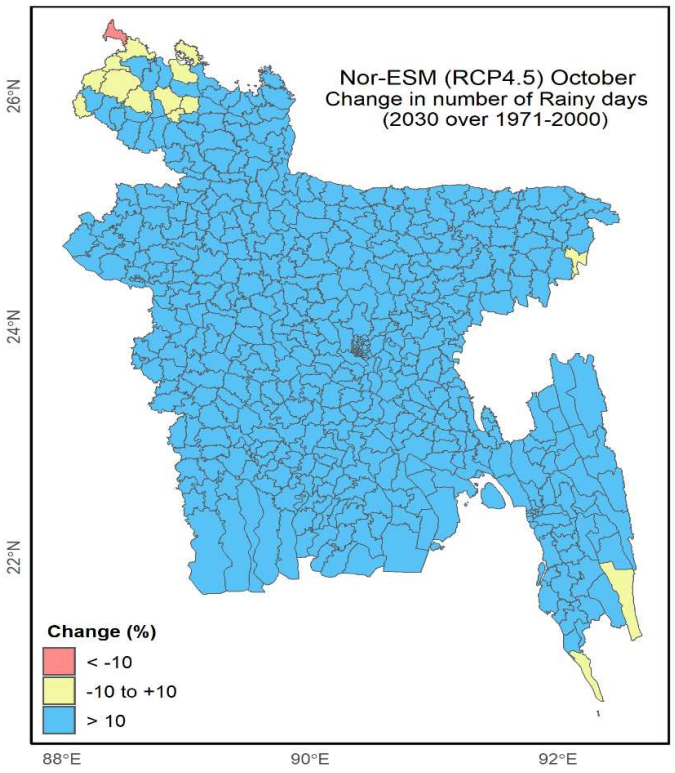
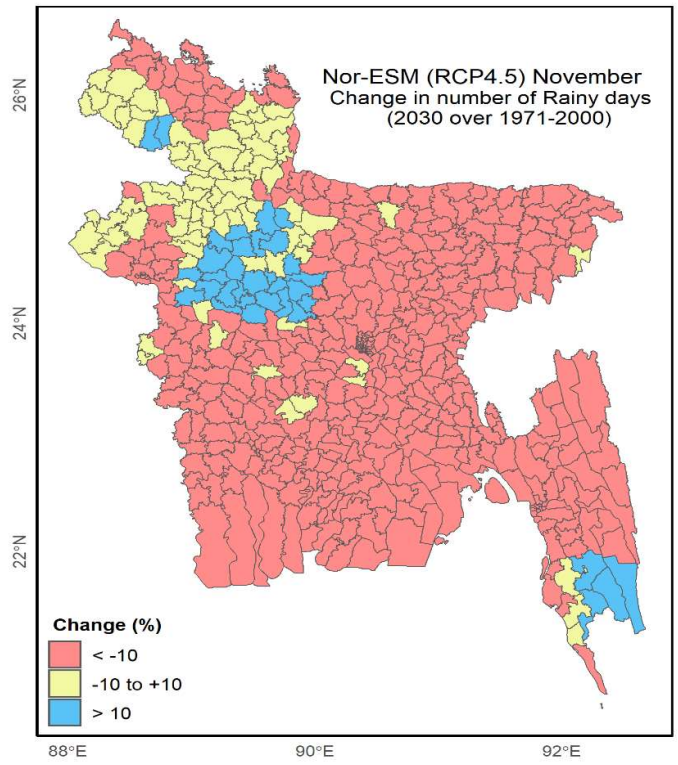


Fig. 7.5: Projected change in number of rainy days relative to 1971-2000 under RCP4.5 for September and October for the year 2030 in Bangladesh.



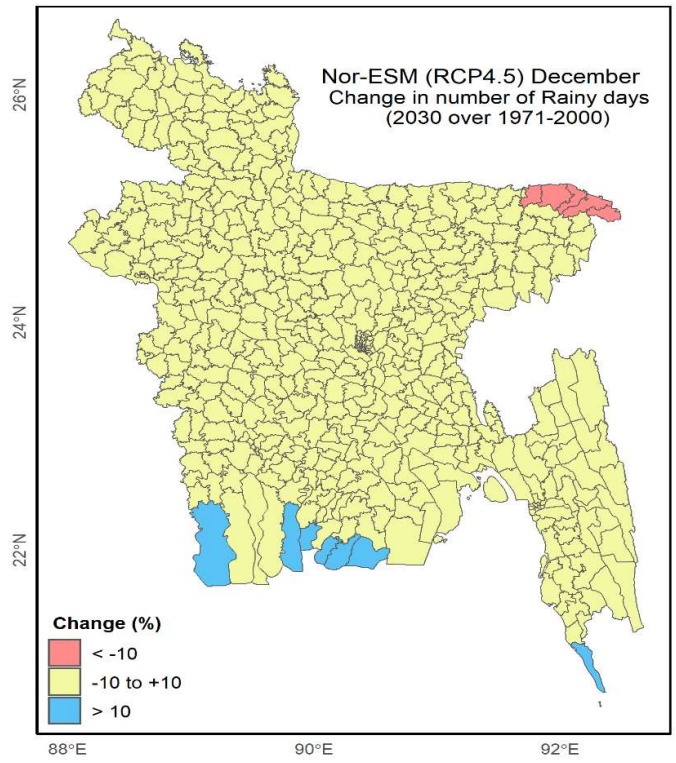
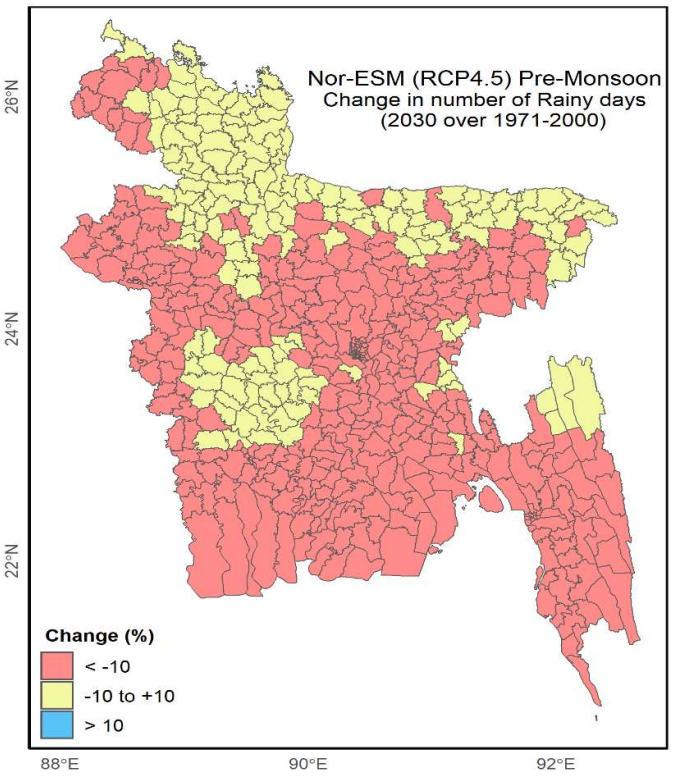


Fig.7.6: Projected change in number of rainy days relative to 1971-2000 under RCP4.5 for November and December for the year 2030 in Bangladesh.



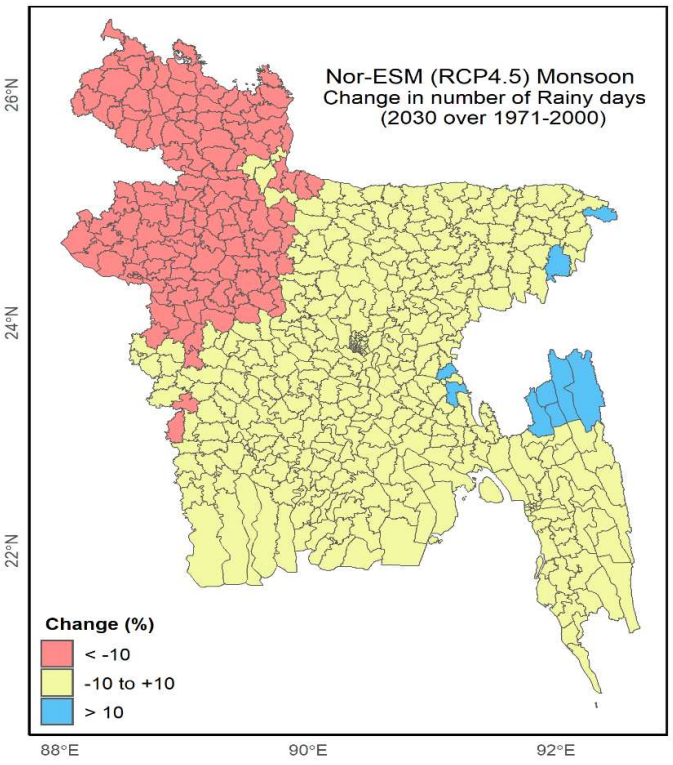
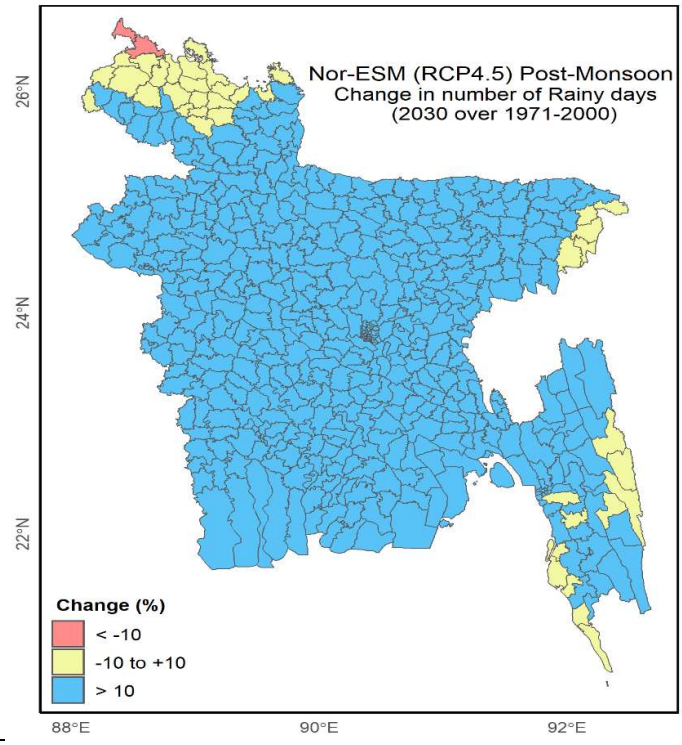


Fig. 7.7: Projected change in number of rainy days relative to 1971-2000 under RCP4.5 for Pre-monsoon and Monsoon season for the year 2030 in Bangladesh.



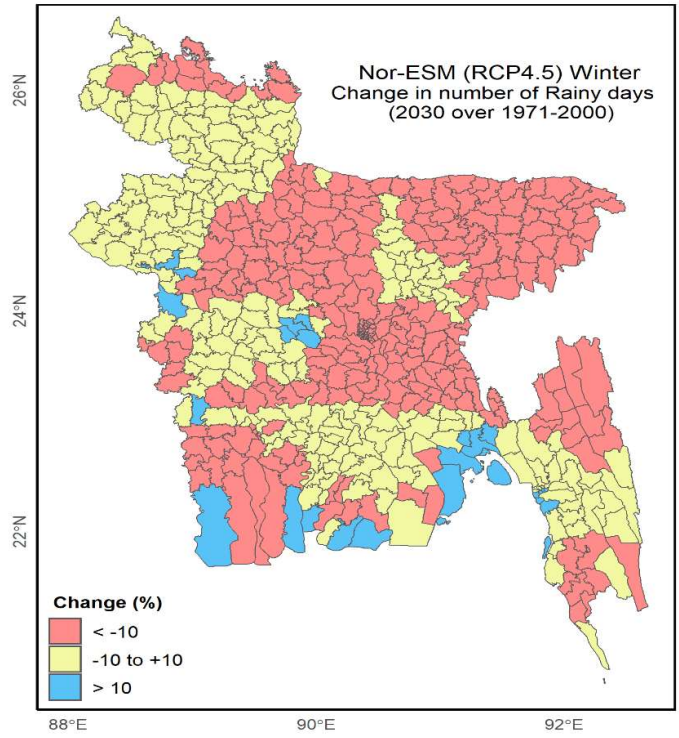


Fig. 7.8: Projected change in number of rainy days relative to 1971-2000 under RCP4.5 for Post-monsoon and winter season for the year 2030 in Bangladesh.

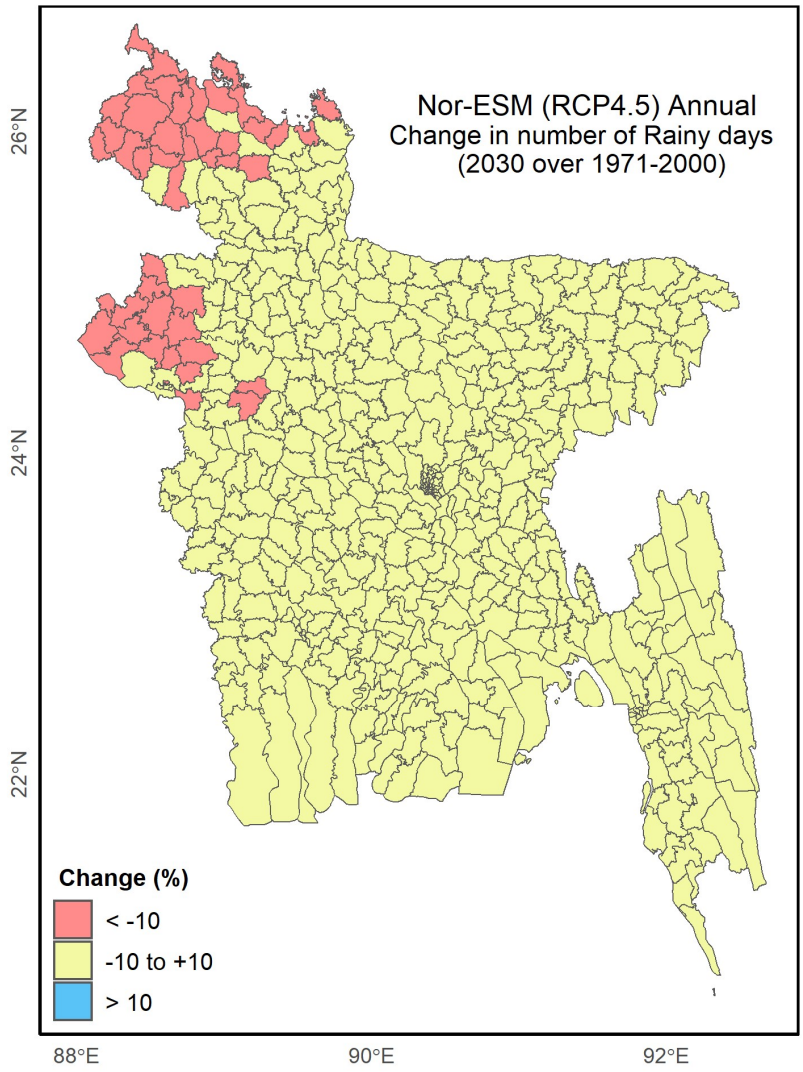
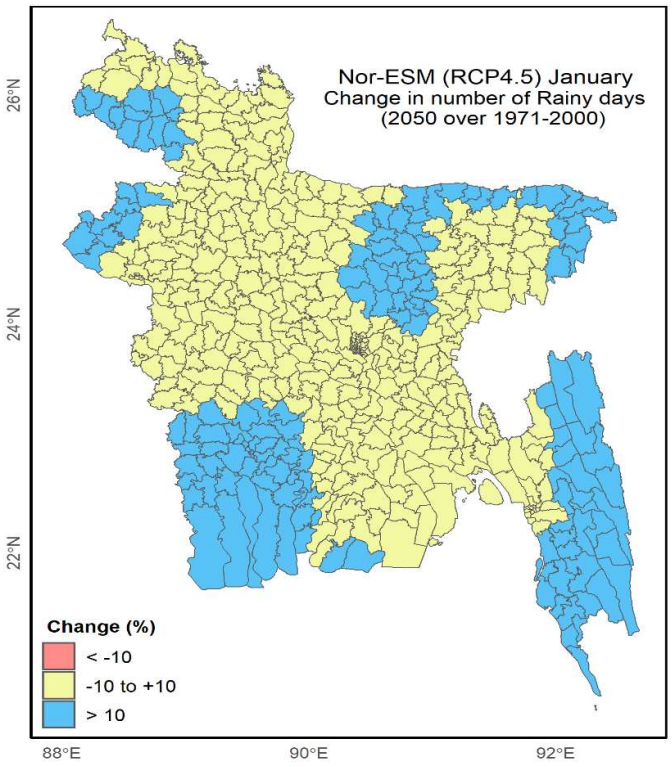


Fig.7.9: Projected change in number of rainy days relative to 1971-2000 under RCP4.5 for Annual for the year 2030 in Bangladesh.



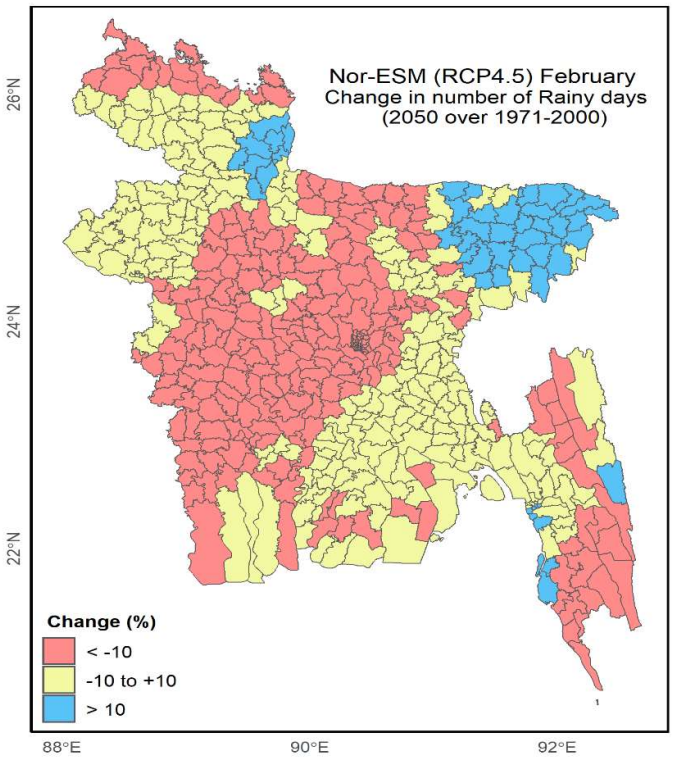
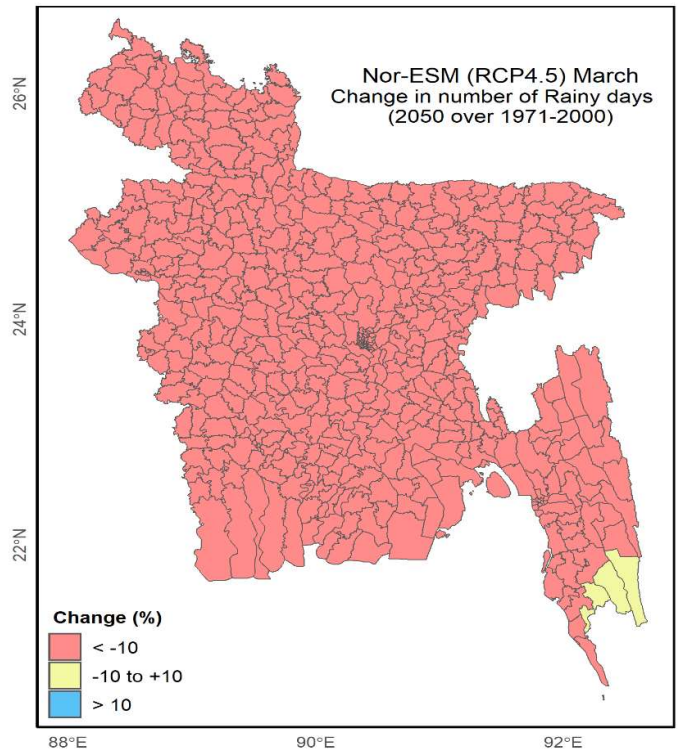


Fig. 7.10: Projected change in number of rainy days relative to 1971-2000 under RCP4.5 for January and February for the year 2050 in Bangladesh.



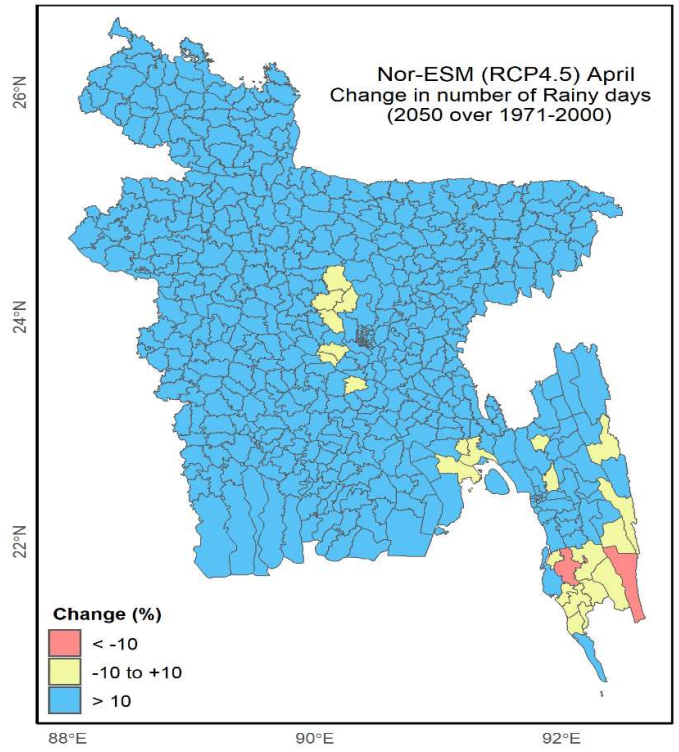
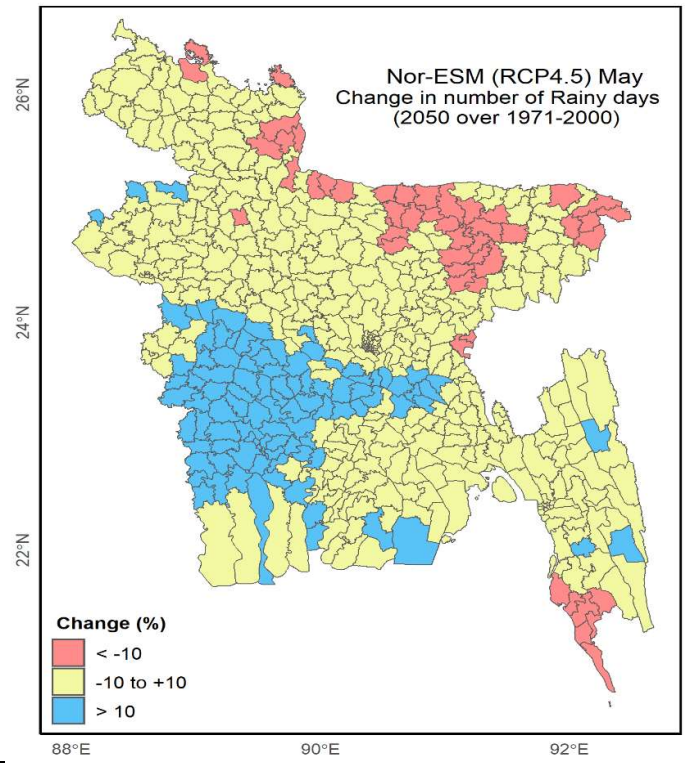


Fig. 7.11: Projected change in number of rainy days relative to 1971-2000 under RCP4.5 for March and April for the year 2050 in Bangladesh.



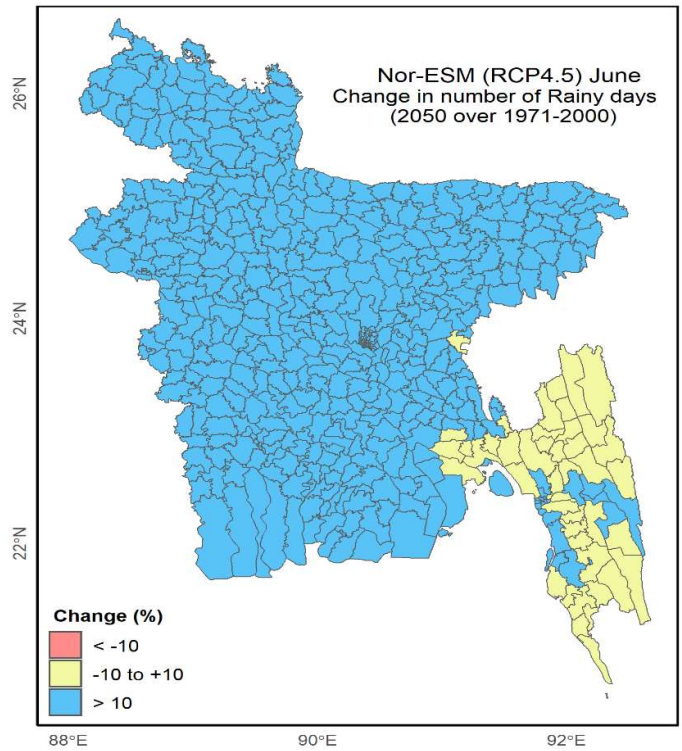
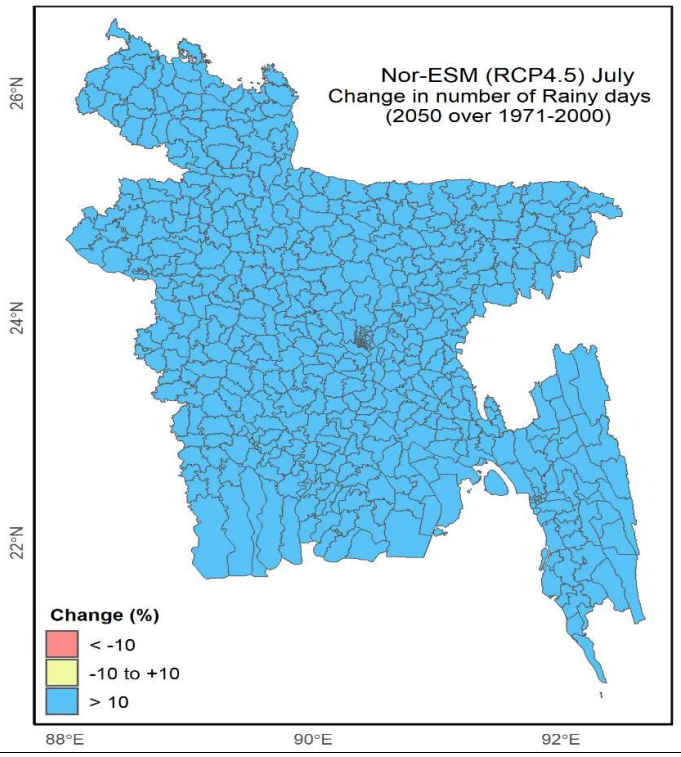


Fig. 7.12: Projected change in number of rainy days relative to 1971-2000 under RCP4.5 for May and June for the year 2050 in Bangladesh.



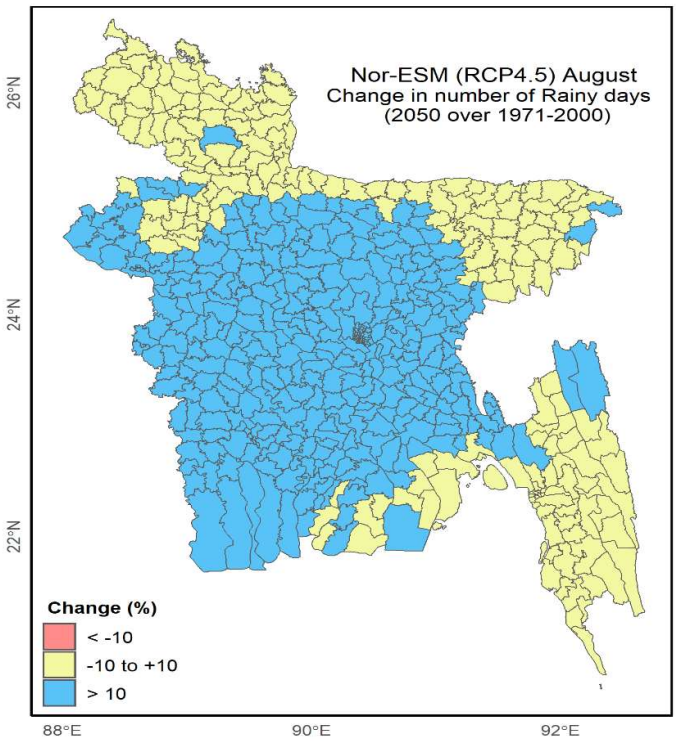
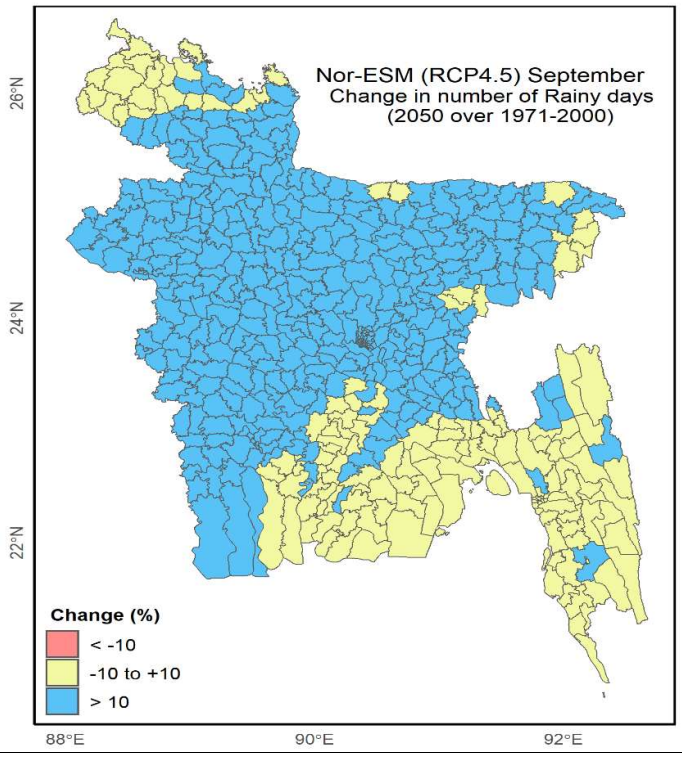


Fig. 7.13: Projected change in number of rainy days relative to 1971-2000 under RCP4.5 for July and August for the year 2050 in Bangladesh.



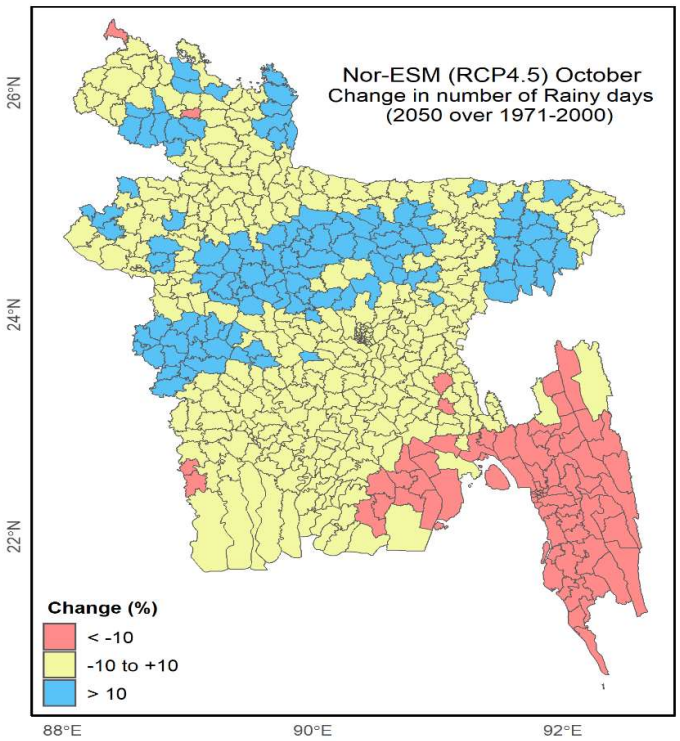
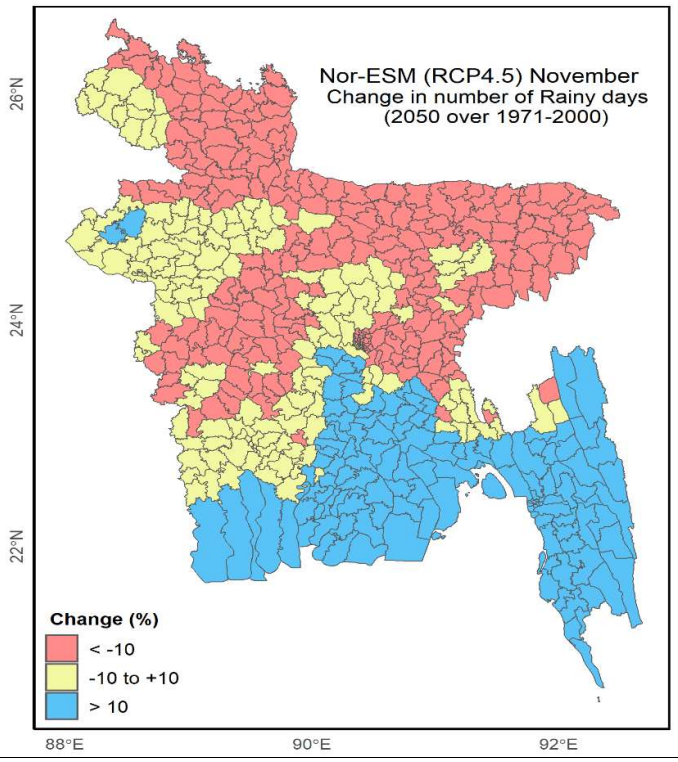


Fig.7.14: Projected change in number of rainy days relative to 1971-2000 under RCP4.5 for September and October for the year 2050 in Bangladesh.



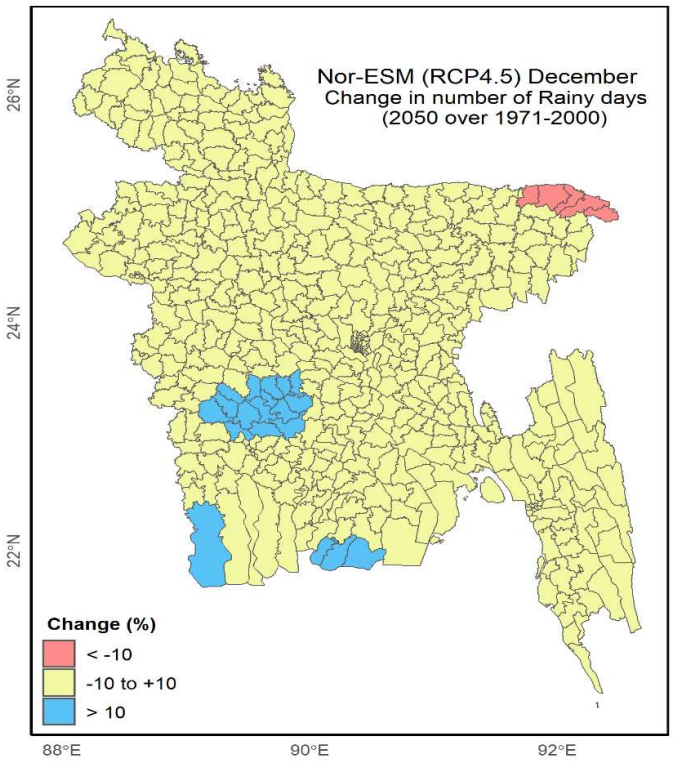
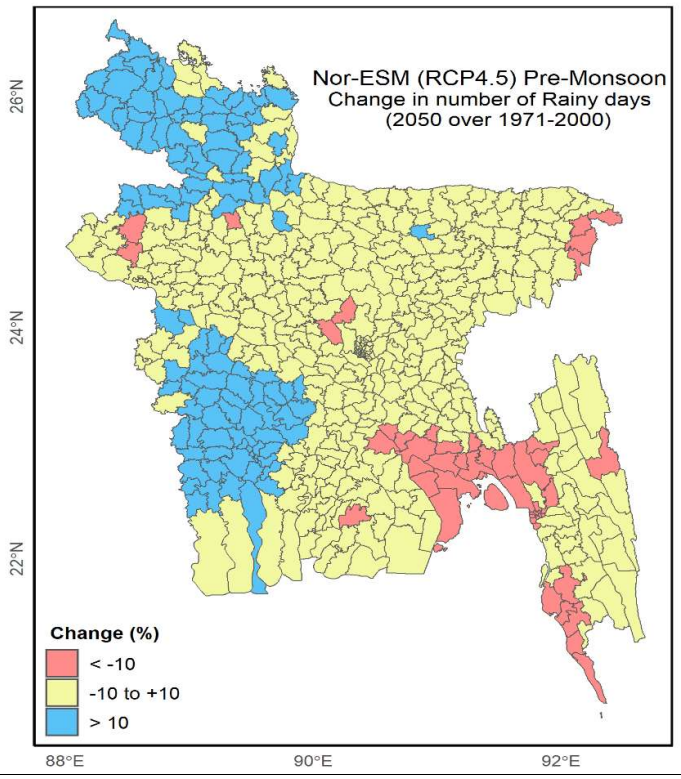


Fig.7.15: Projected change in number of rainy days relative to 1971-2000 under RCP4.5 for November and December for the year 2050 in Bangladesh.



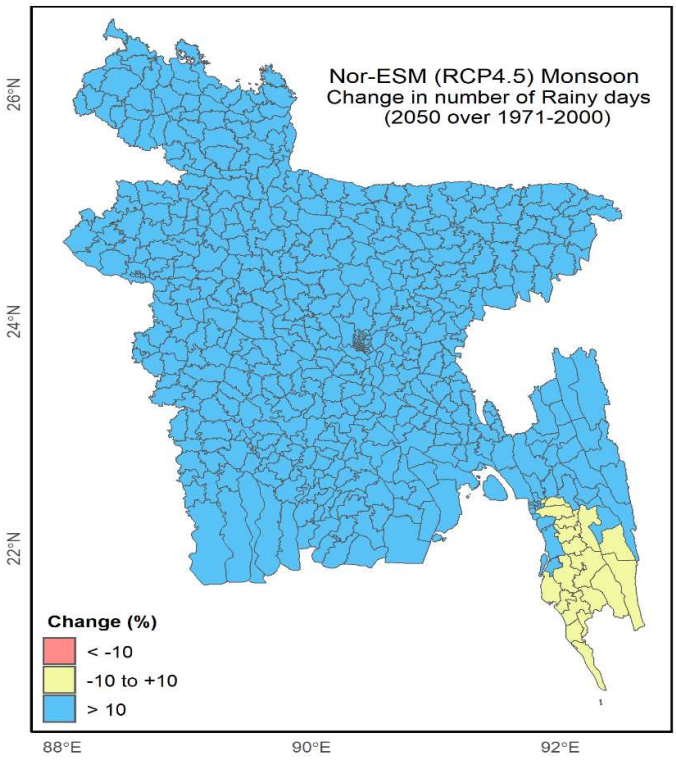
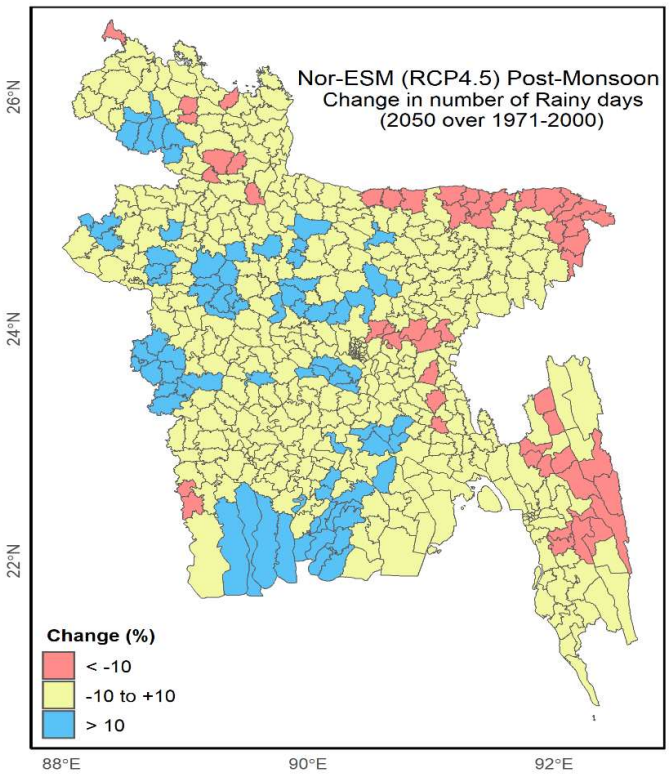


Fig. 7.16: Projected change in number of rainy days relative to 1971-2000 under RCP4.5 for Pre-monsoon and Monsoon for the year 2050 in Bangladesh.



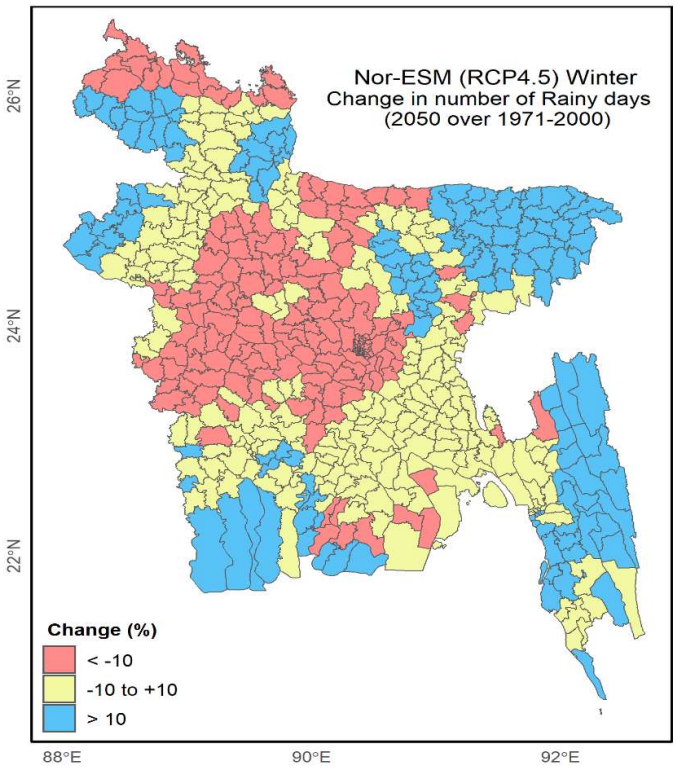


Fig. 7.17: Projected change in number of rainy days relative to 1971-2000 under RCP4.5 for Post-monsoon and Winter for the year 2050 in Bangladesh.

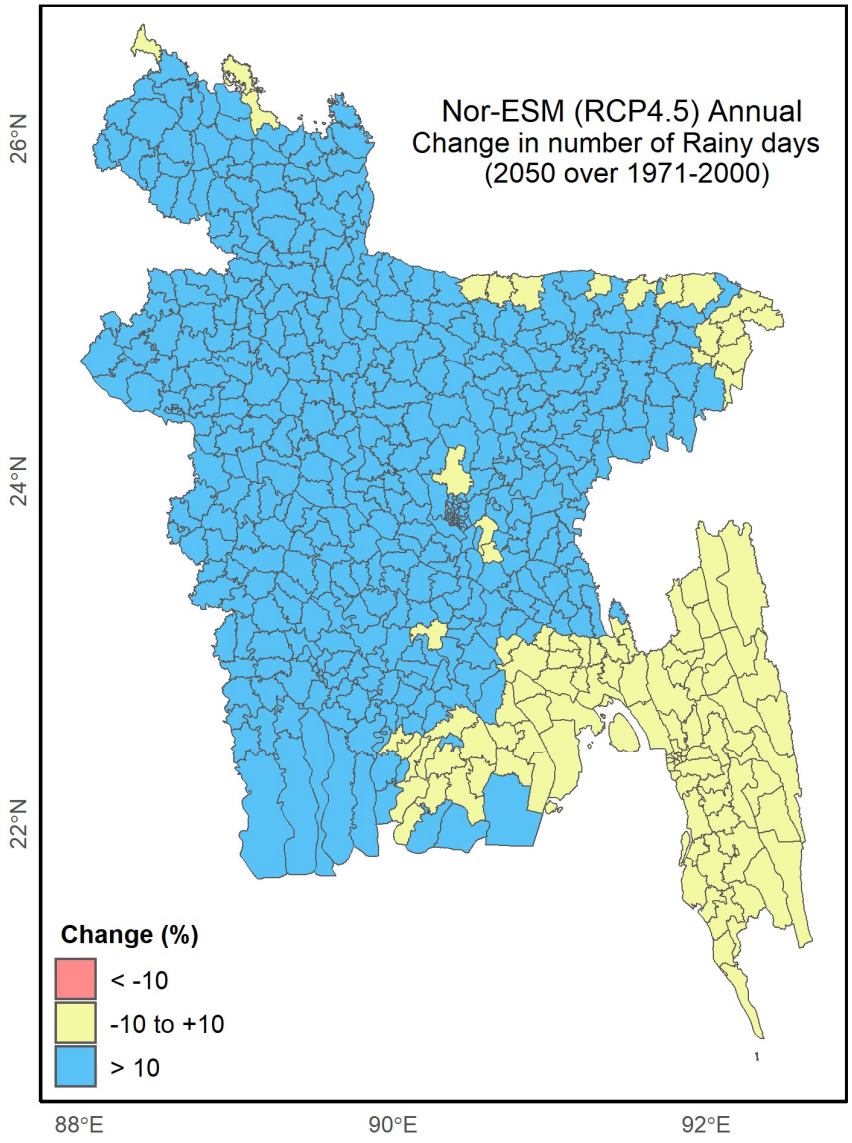
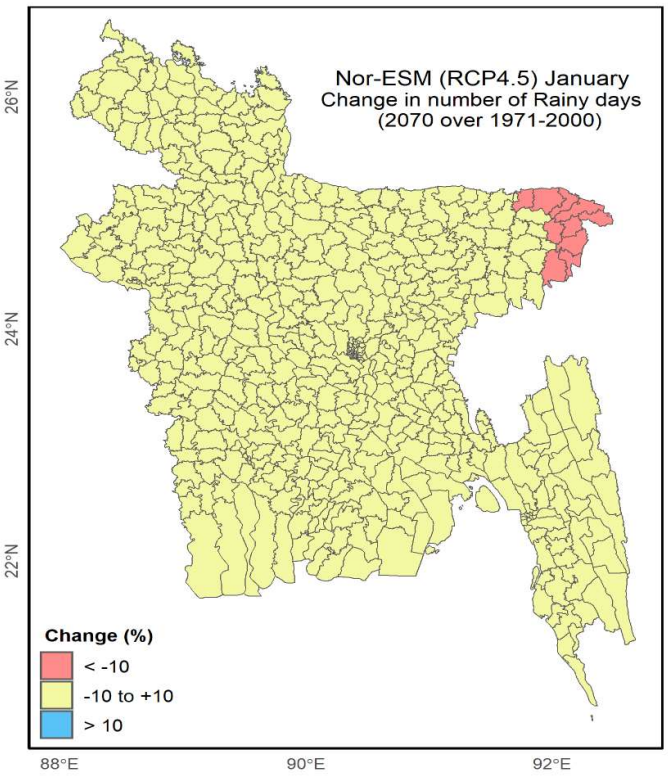


Fig. 7.18: Projected change in number of rainy days relative to 1971-2000 under RCP4.5 for Annual for the year 2050 in Bangladesh.



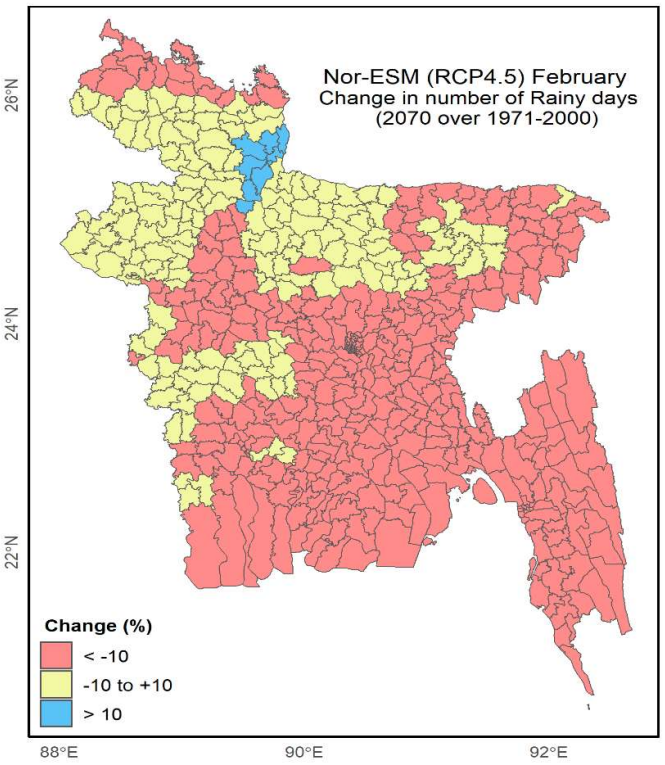
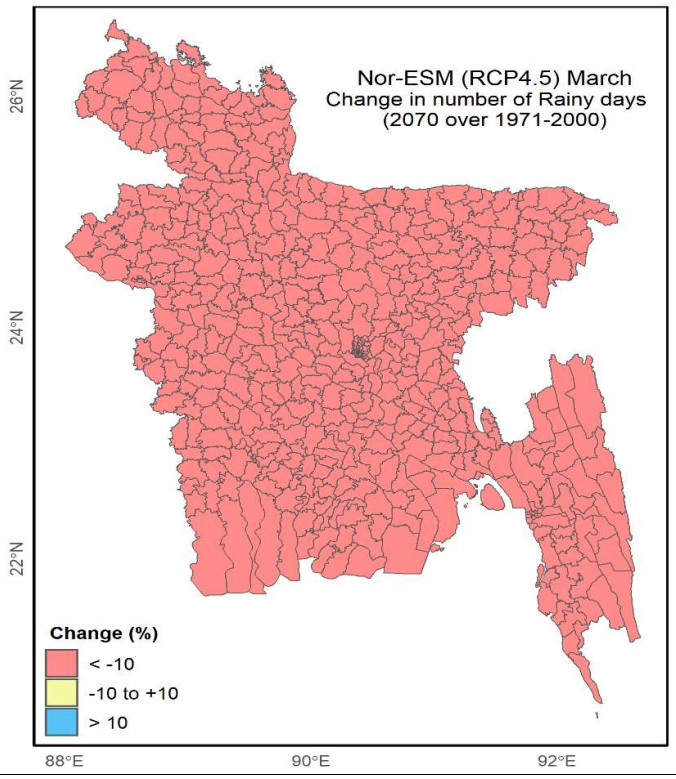


Fig. 7.19: Projected change in number of rainy days relative to 1971-2000 under RCP4.5 for January and February for the year 2070 in Bangladesh.



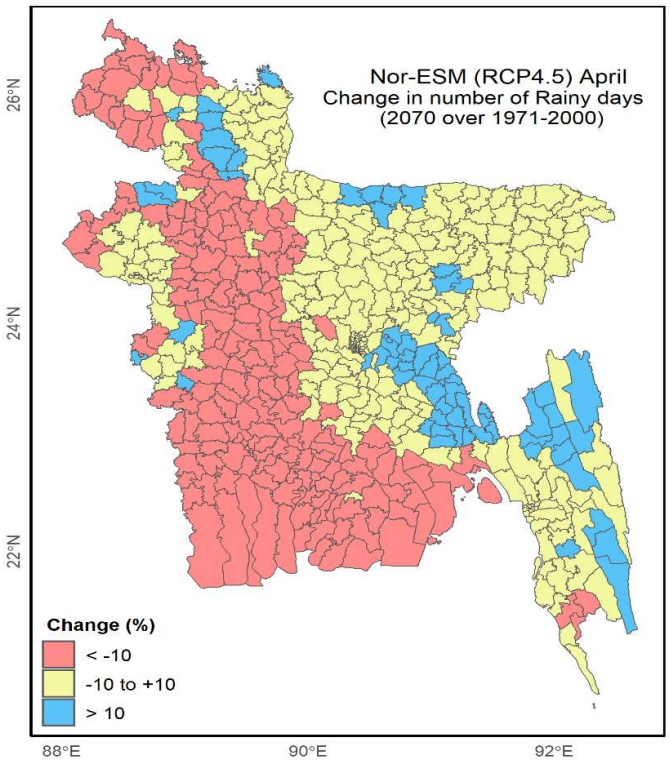
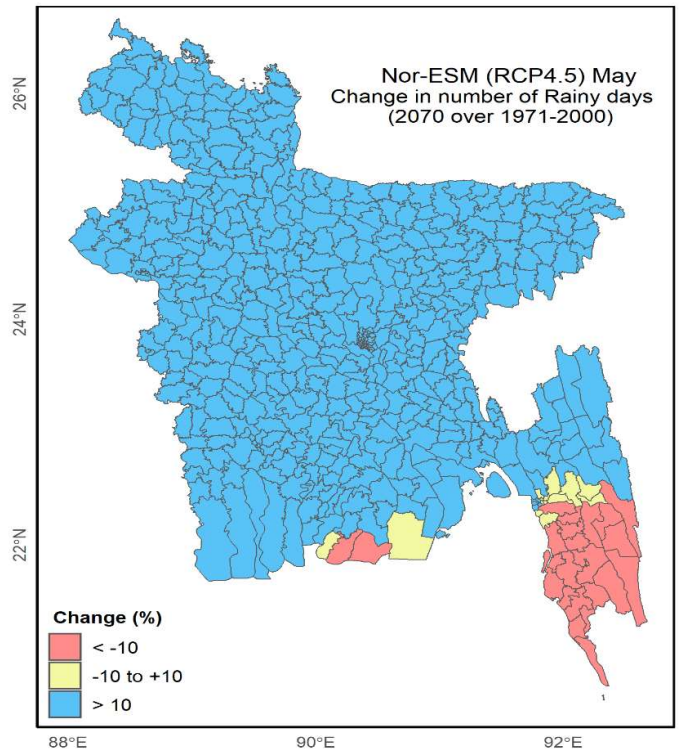


Fig. 7.20: Projected change in number of rainy days relative to 1971-2000 under RCP4.5 for March and April for the year 2070 in Bangladesh.



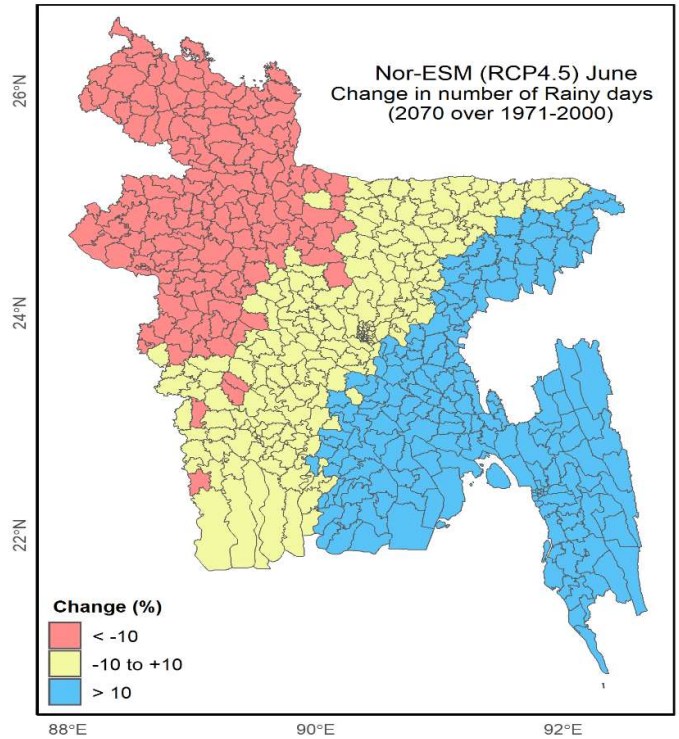
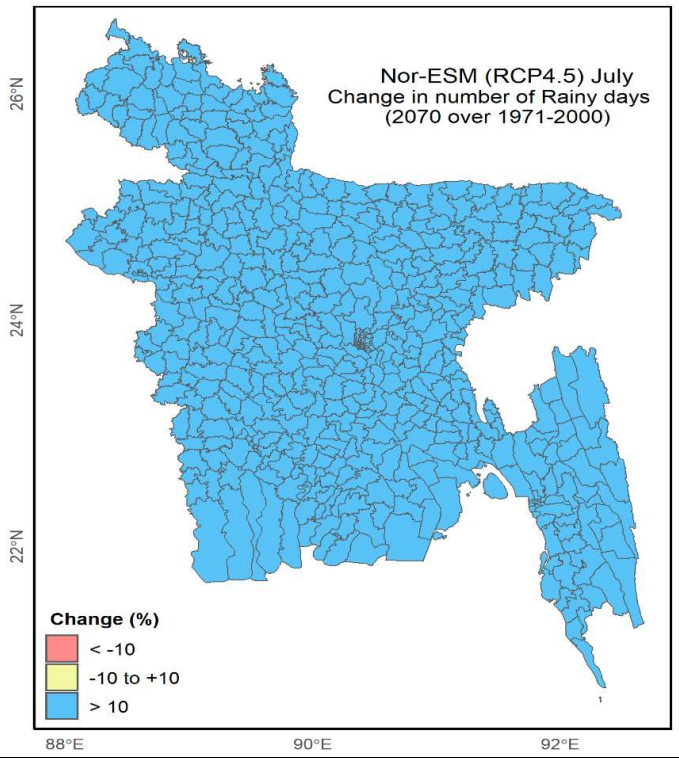


Fig. 7.21: Projected change in number of rainy days relative to 1971-2000 under RCP4.5 for May and June for the year 2070 in Bangladesh.



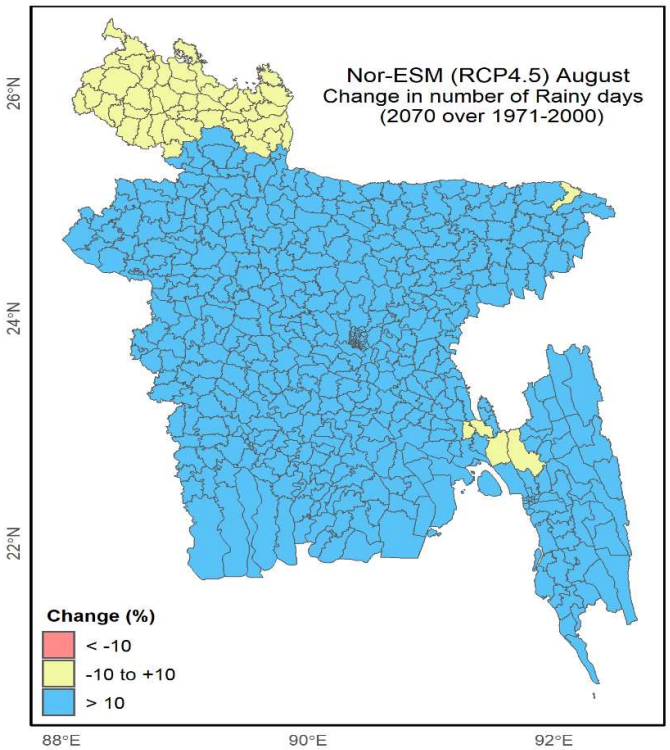
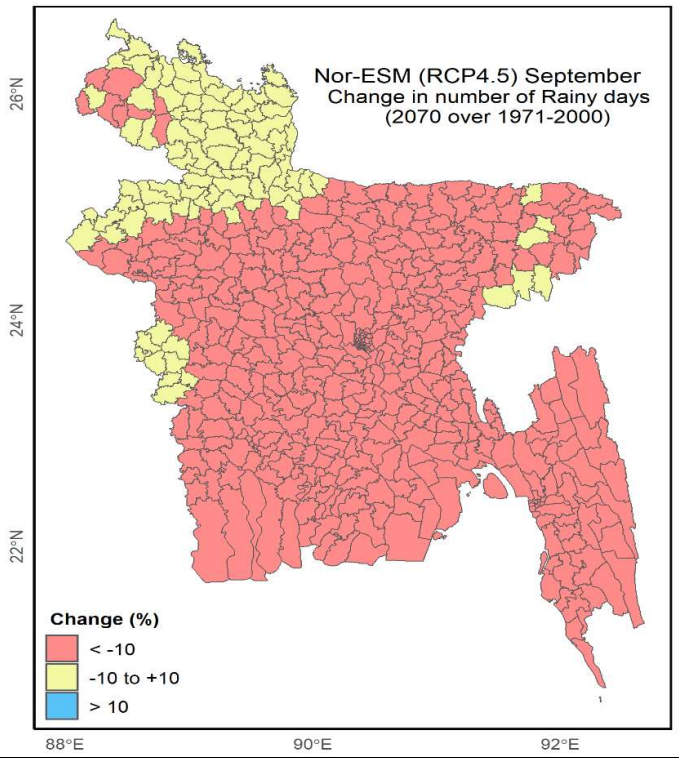


Fig. 7.22: Projected change in number of rainy days relative to 1971-2000 under RCP4.5 for July and August for the year 2070 in Bangladesh.



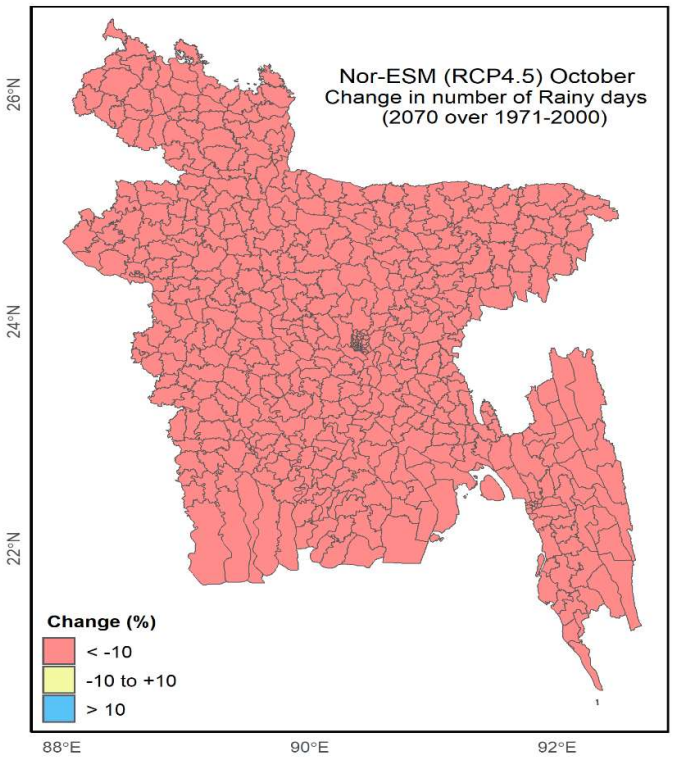
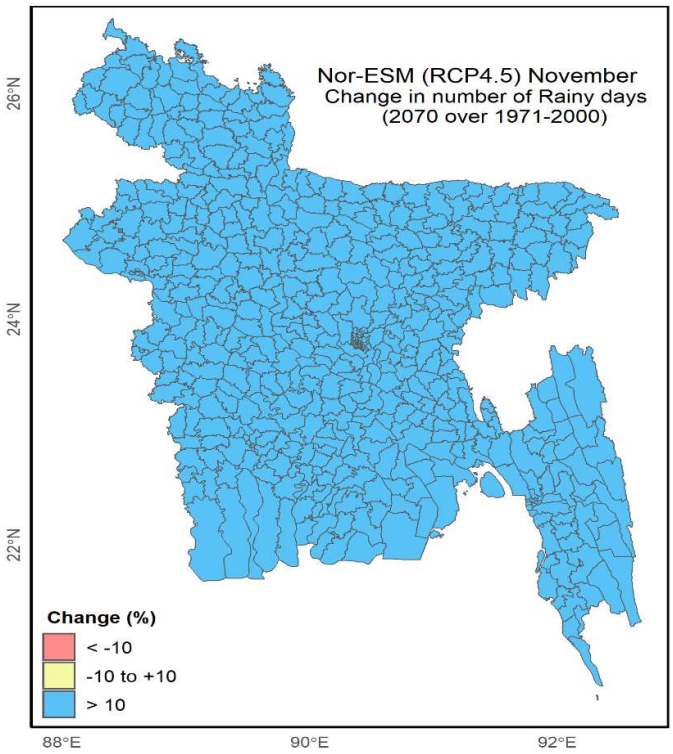


Fig. 7.23: Projected change in number of rainy days relative to 1971-2000 under RCP4.5 for September and October for the year 2070 in Bangladesh.



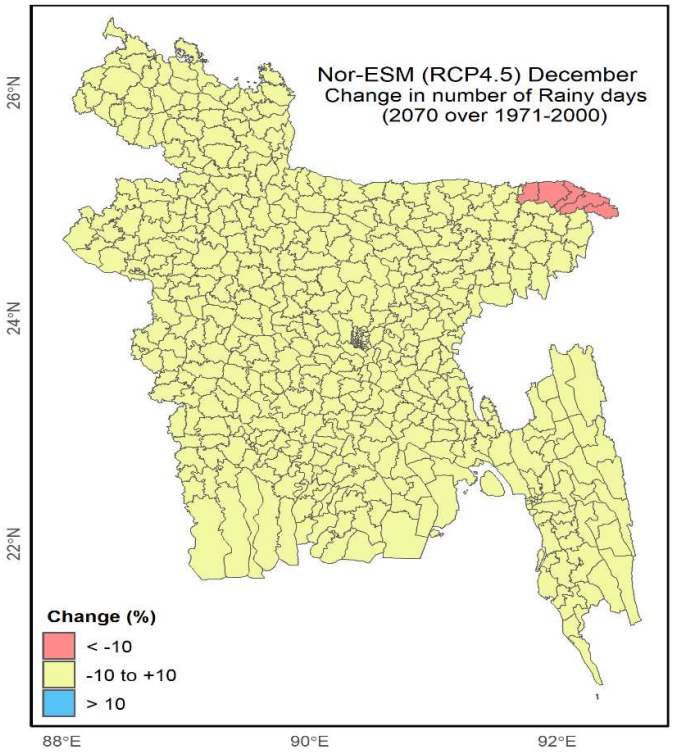
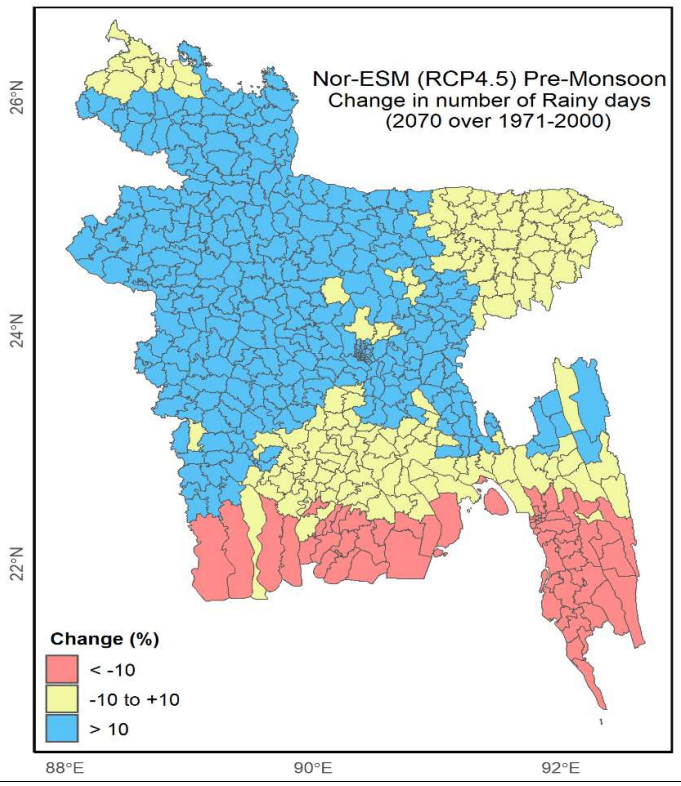


Fig. 7.24: Projected change in number of rainy days relative to 1971-2000 under RCP4.5 for November and December for the year 2070 in Bangladesh.



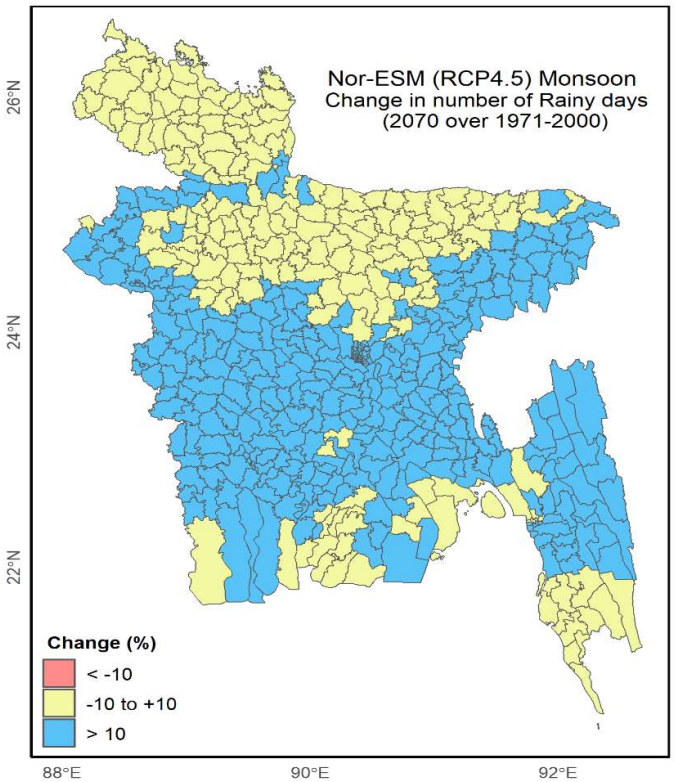
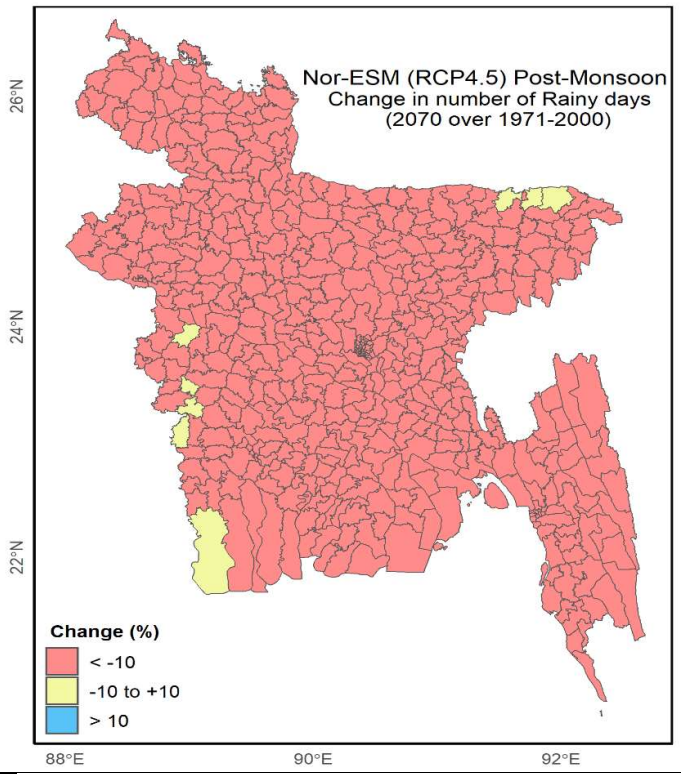


Fig. 7.25: Projected change in number of rainy days relative to 1971-2000 under RCP4.5 for Pre-monsoon and Monsoon season for the year 2070 in Bangladesh.



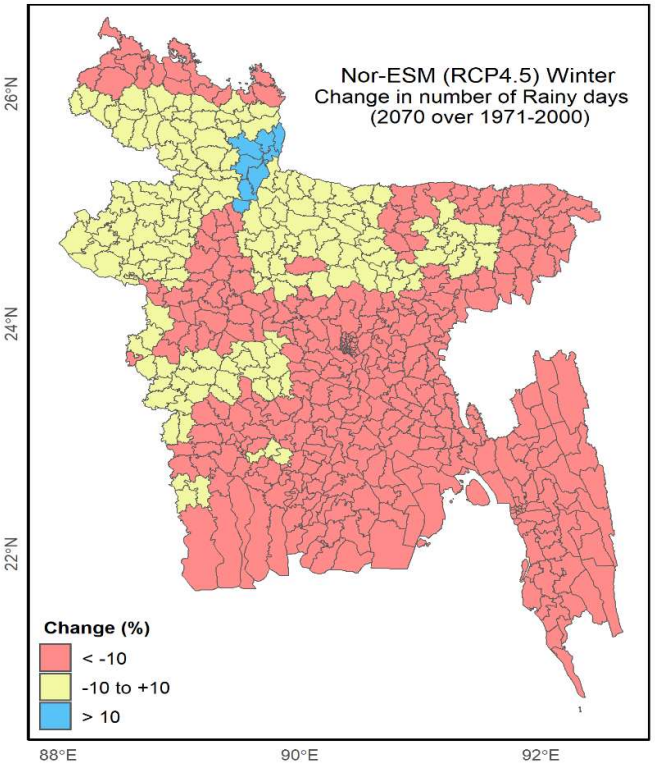


Fig. 7.26: Projected change in number of rainy days relative to 1971-2000 under RCP4.5 for Post-monsoon and Winter season for the year 2070 in Bangladesh.

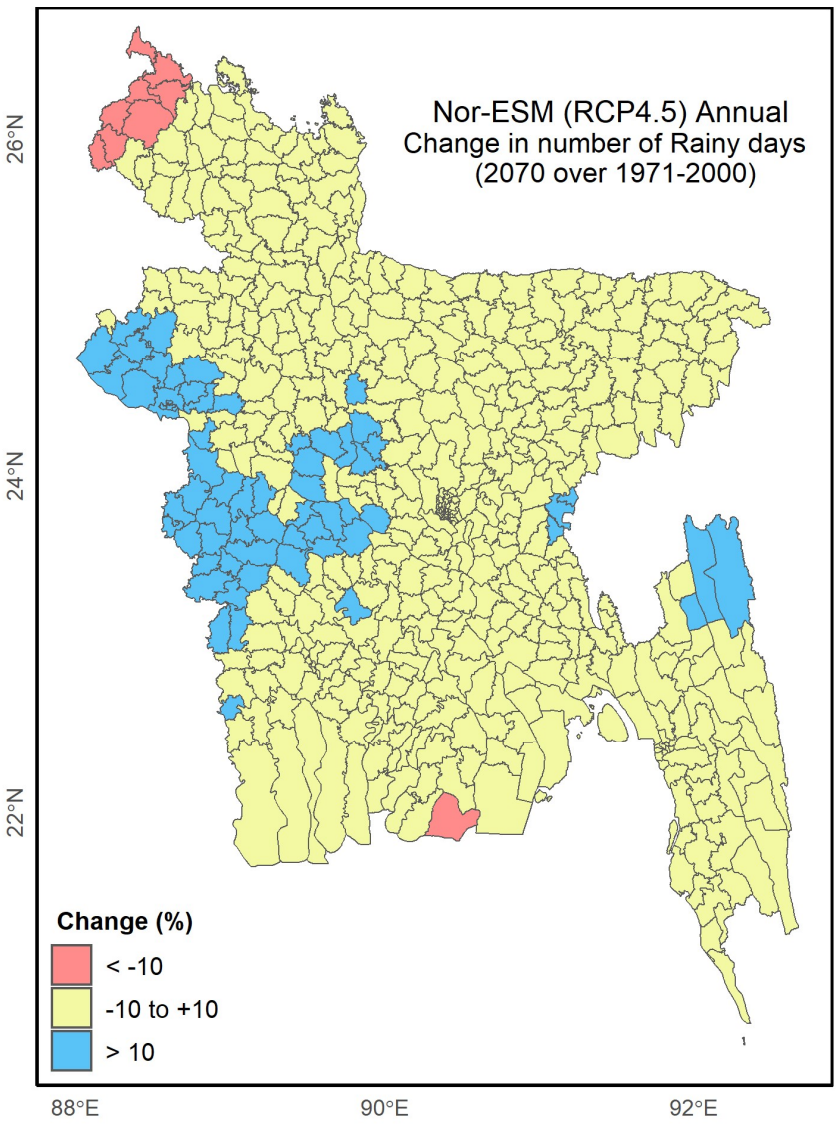
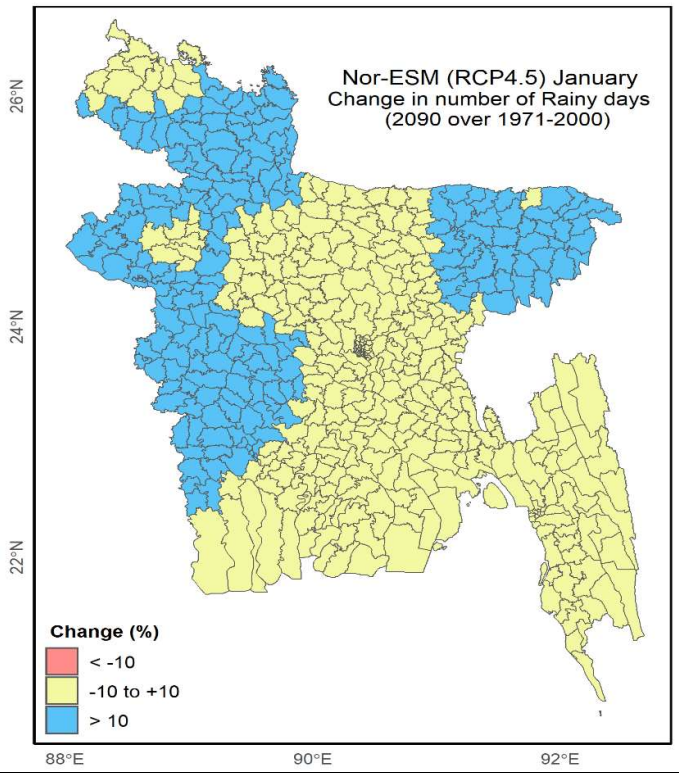


Fig.7.27: Projected change in number of rainy days relative to 1971-2000 under RCP4.5 for Annual for the year 2070 in Bangladesh.



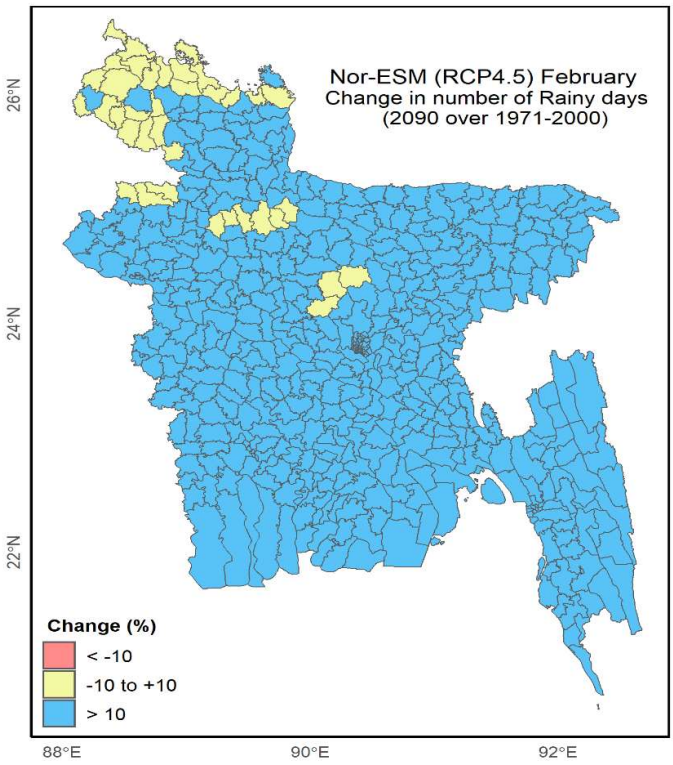
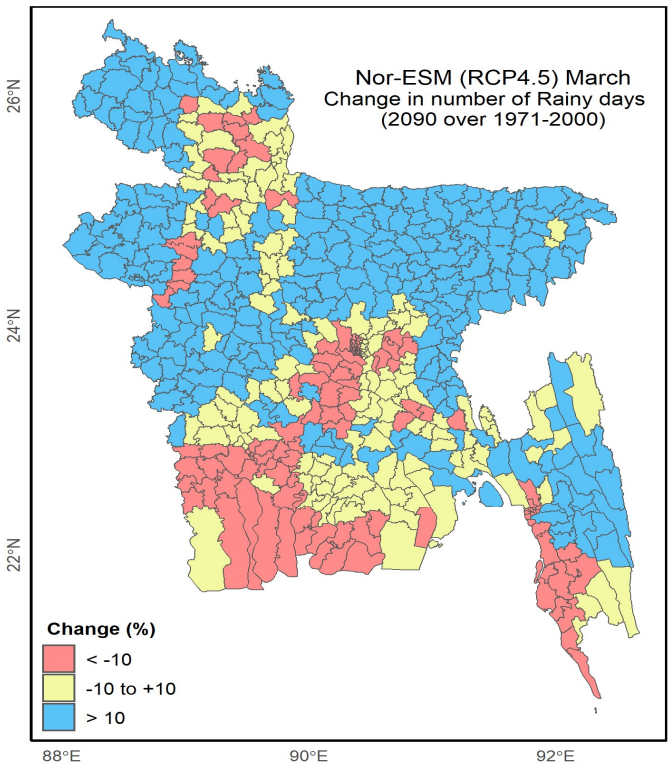


Fig. 7.28: Projected change in number of rainy days relative to 1971-2000 under RCP4.5 for January and February for the year 2090 in Bangladesh.



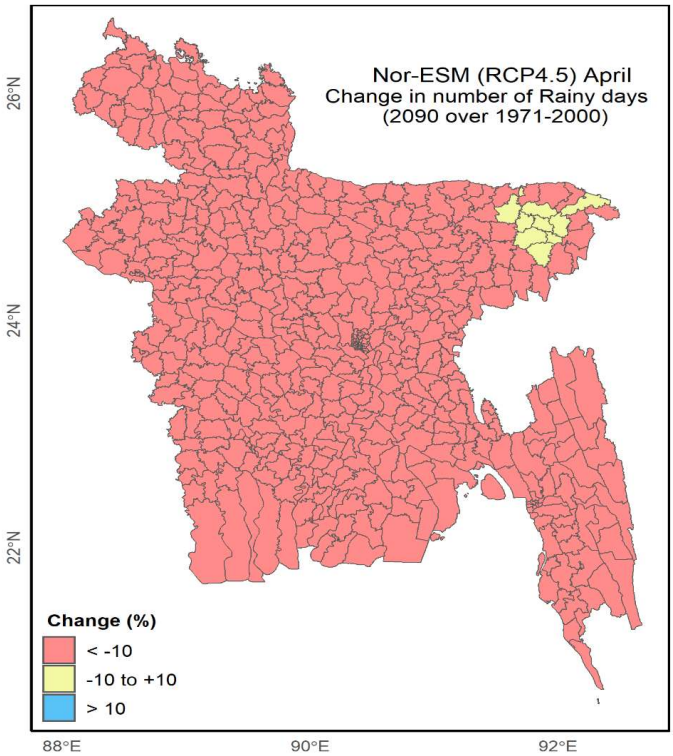
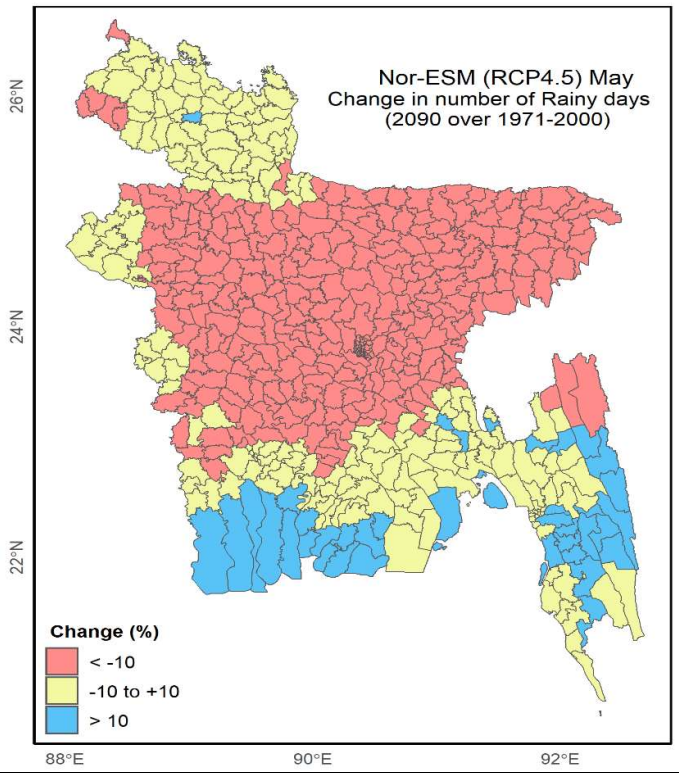


Fig. 7.29: Projected change in number of rainy days relative to 1971-2000 under RCP4.5 for March and April for the year 2090 in Bangladesh.



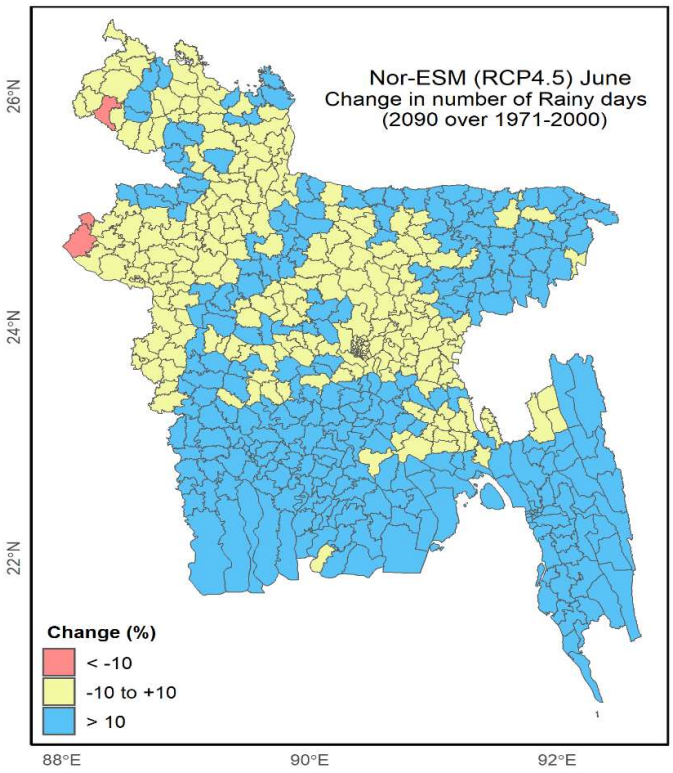
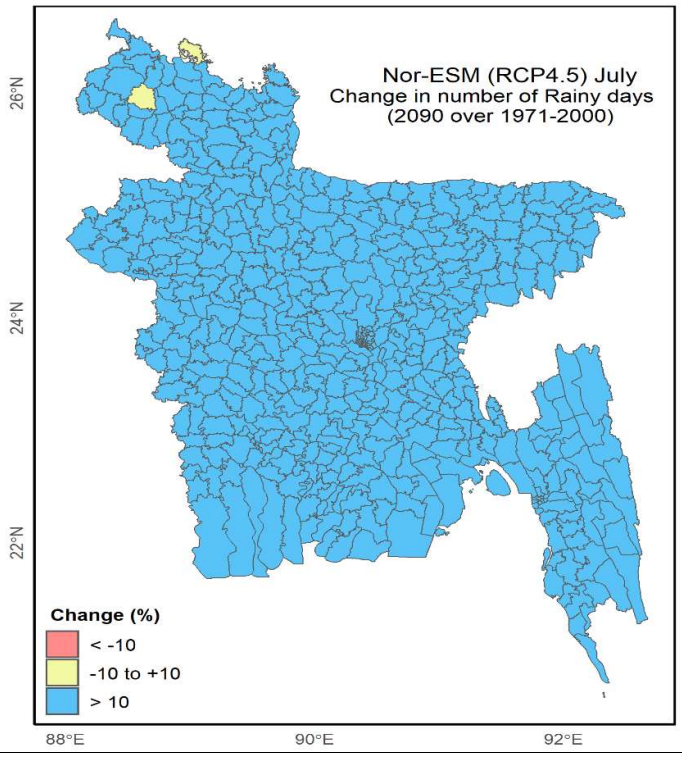


Fig. 7.30: Projected change in number of rainy days relative to 1971-2000 under RCP4.5 for May and June for the year 2090 in Bangladesh.



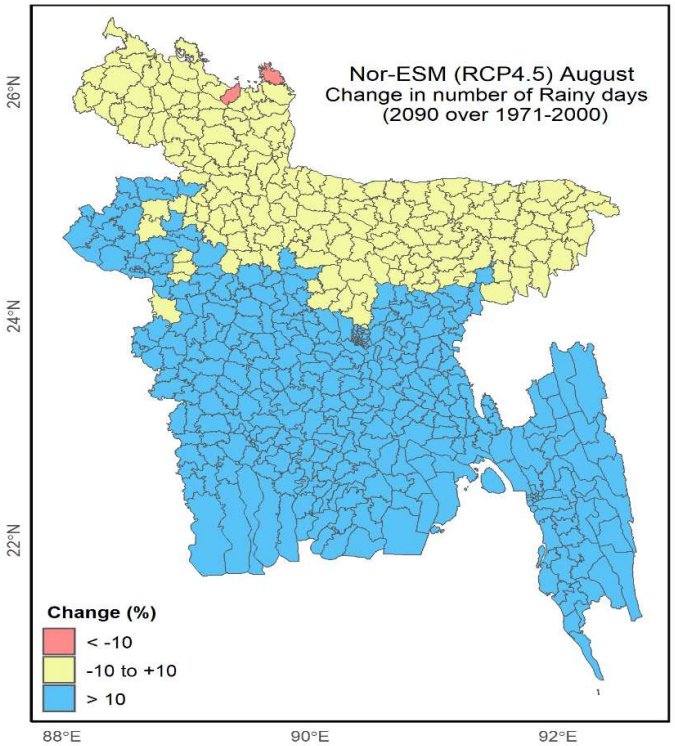
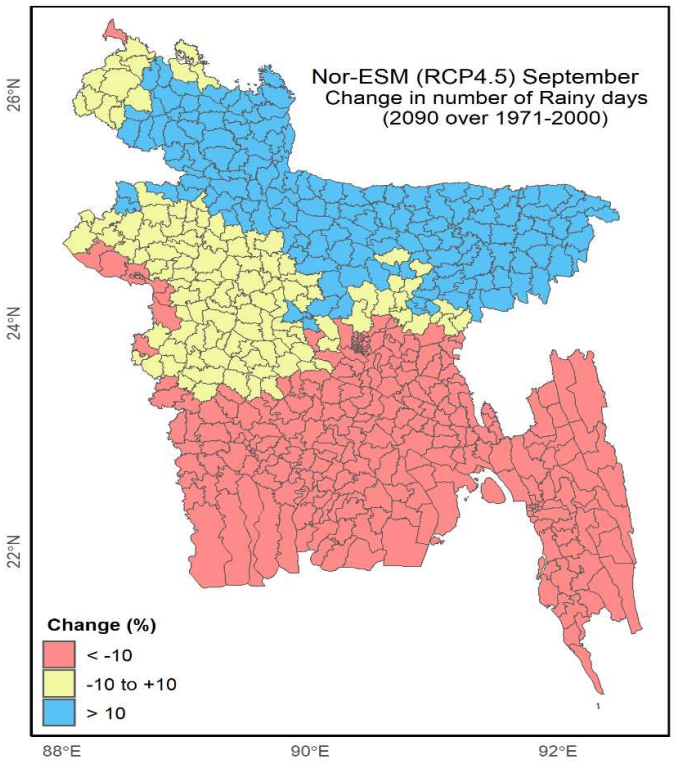


Fig. 7.31: Projected change in number of rainy days relative to 1971-2000 under RCP4.5 for July and August for the year 2090 in Bangladesh.



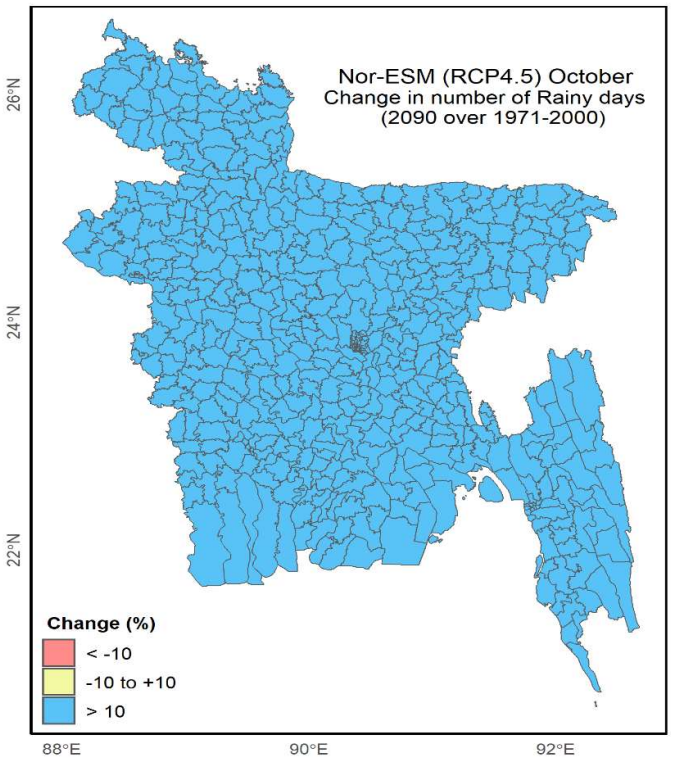
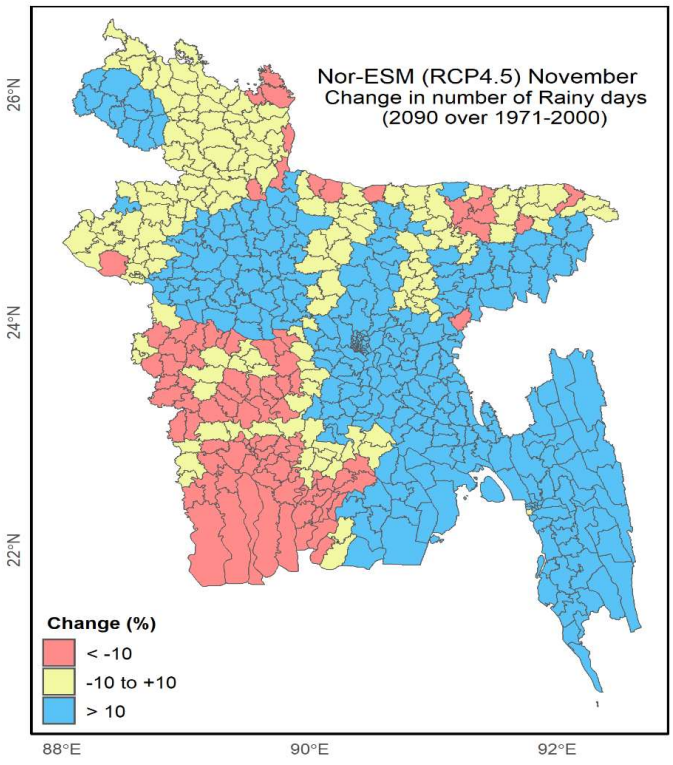


Fig. 7.32: Projected change in number of rainy days relative to 1971-2000 under RCP4.5 for September and October for the year 2090 in Bangladesh.



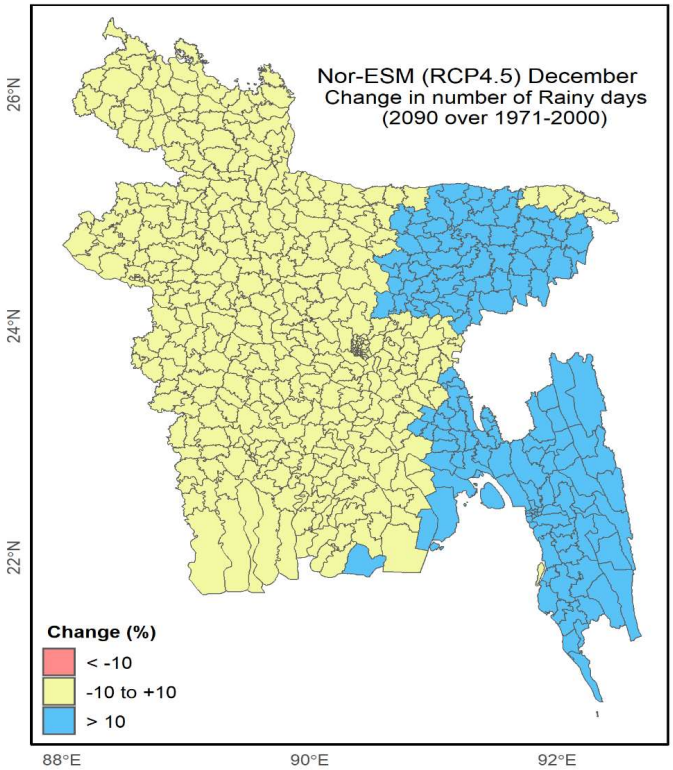
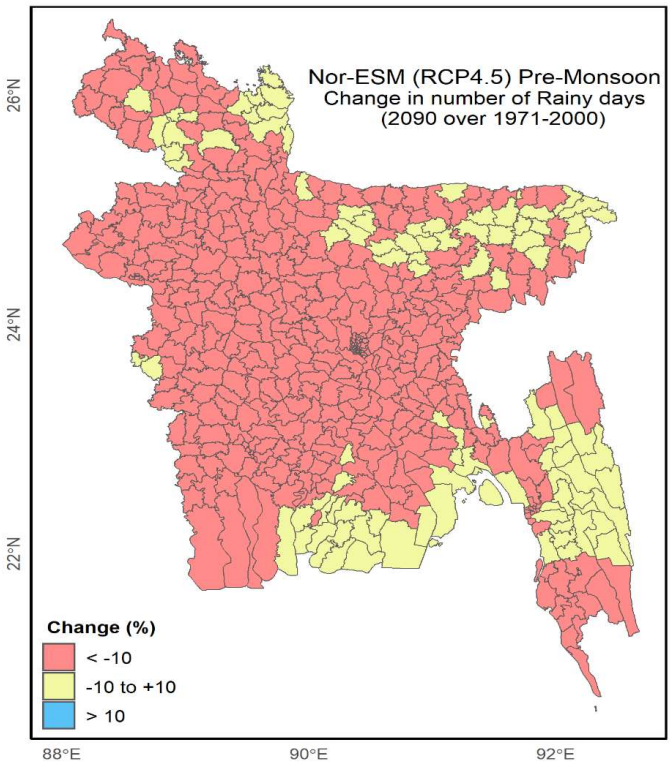


Fig. 7.33: Projected change in number of rainy days relative to 1971-2000 under RCP4.5 for November and December for the year 2090 in Bangladesh.



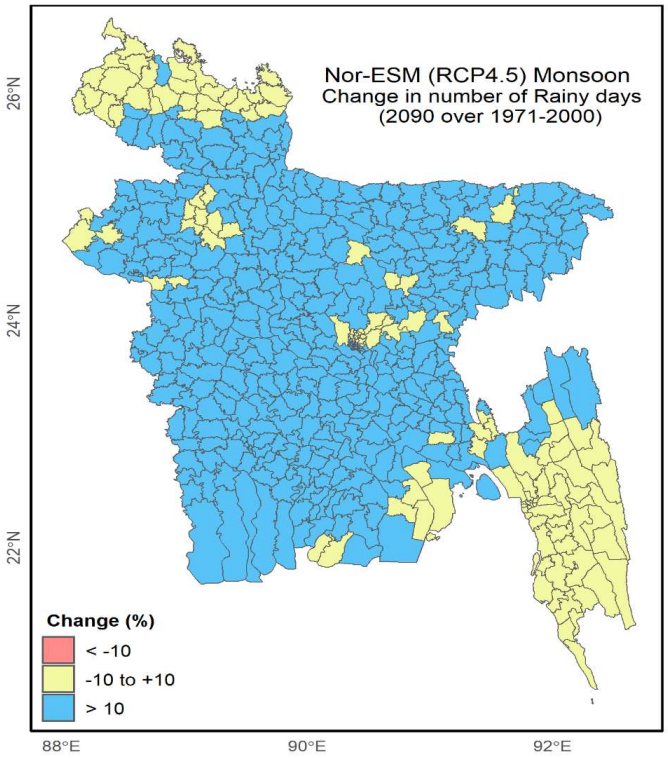
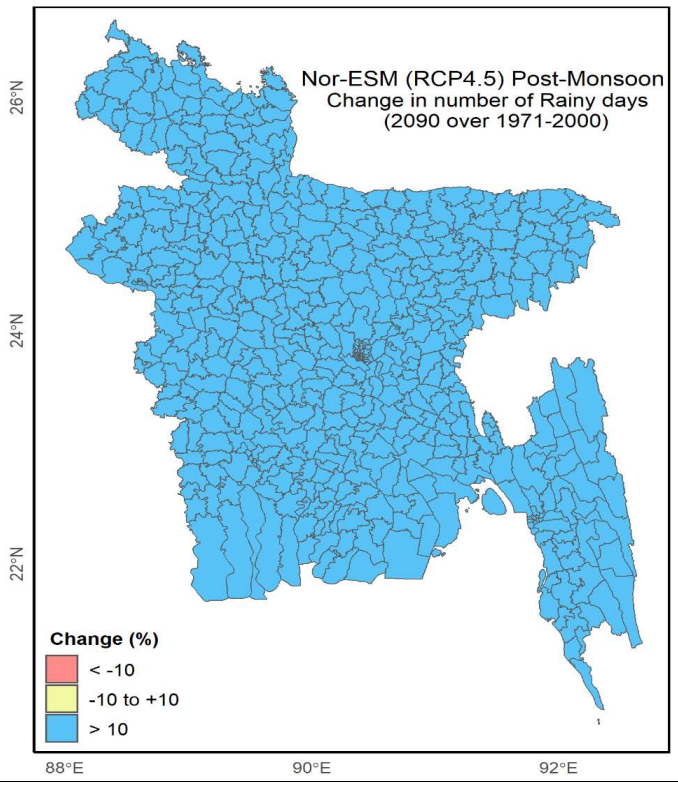


Fig. 7.34: Projected change in number of rainy days relative to 1971-2000 under RCP4.5 for Pre-monsoon and Monsoon season for the year 2090 in Bangladesh.



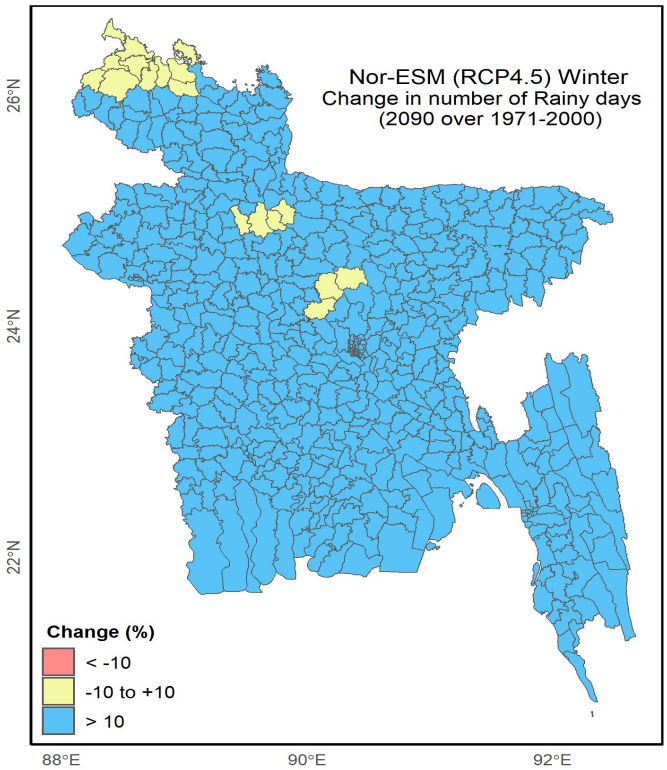


Fig. 7.35: Projected change in number of rainy days relative to 1971-2000 under RCP4.5 for Post-monsoon and Winter season for the year 2090 in Bangladesh.

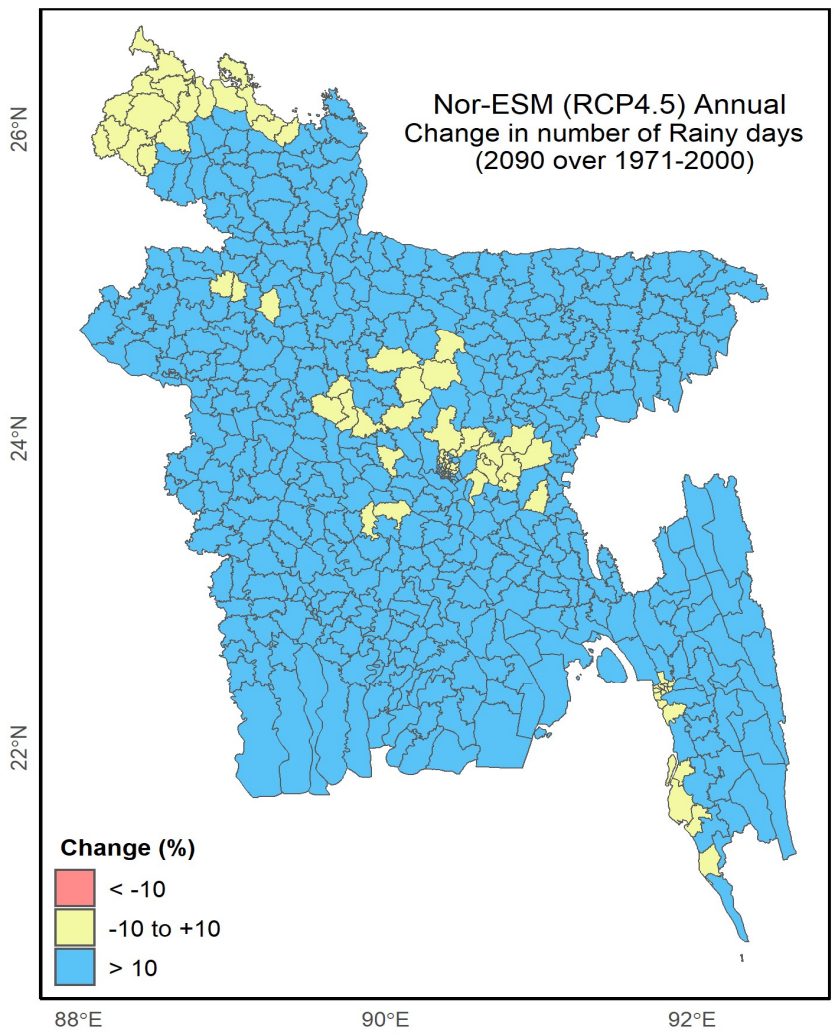
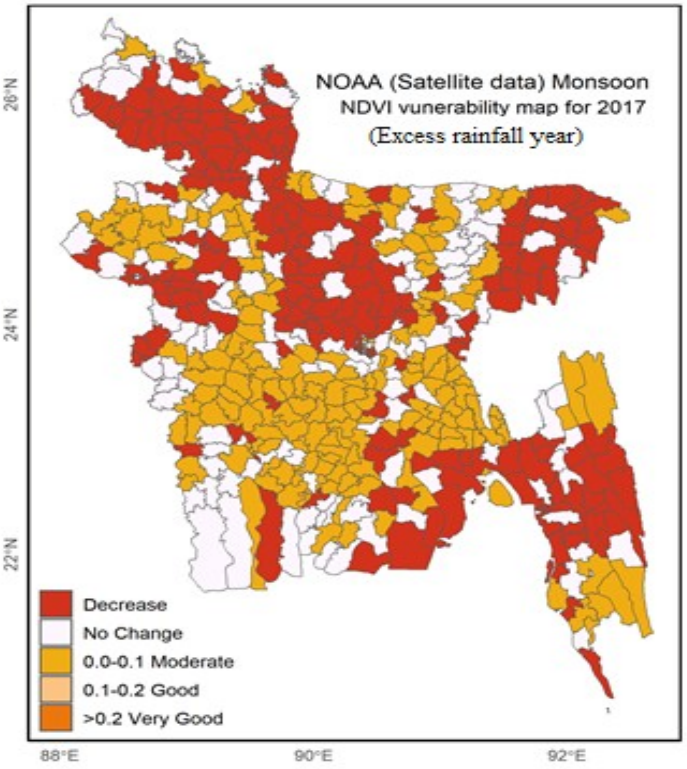


Fig. 7.36: Projected change in number of rainy days relative to 1971-2000 under RCP4.5 for Annual for the year 2090 in Bangladesh.



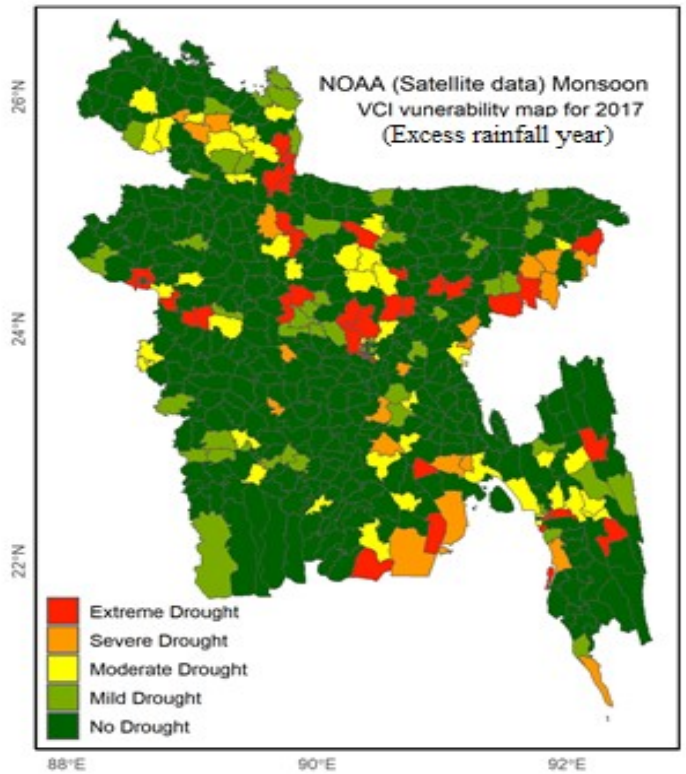
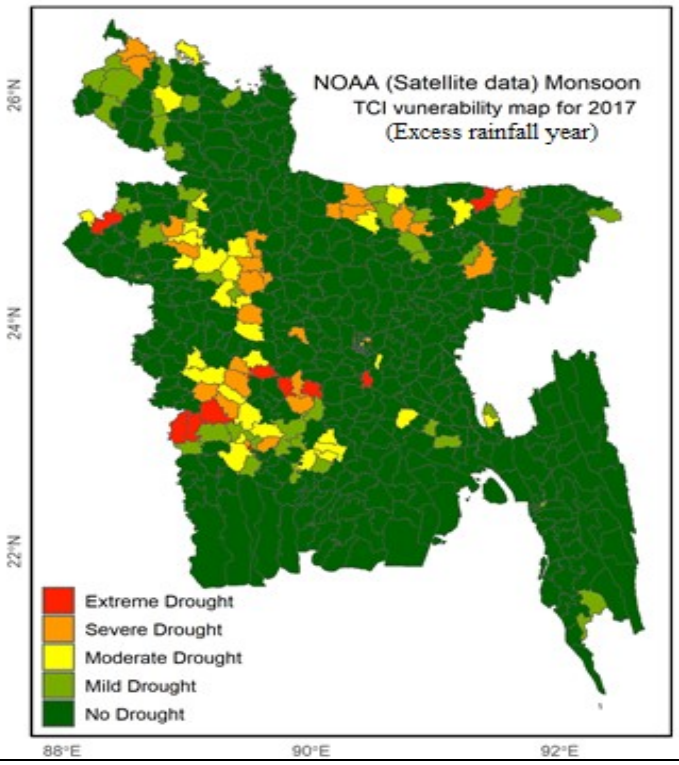


Fig. 8.1: Spatial pattern of normalized difference vegetation index (NDVI) and vegetation condition index (VCI) for excess rainfall year in 2017 for monsoon season.



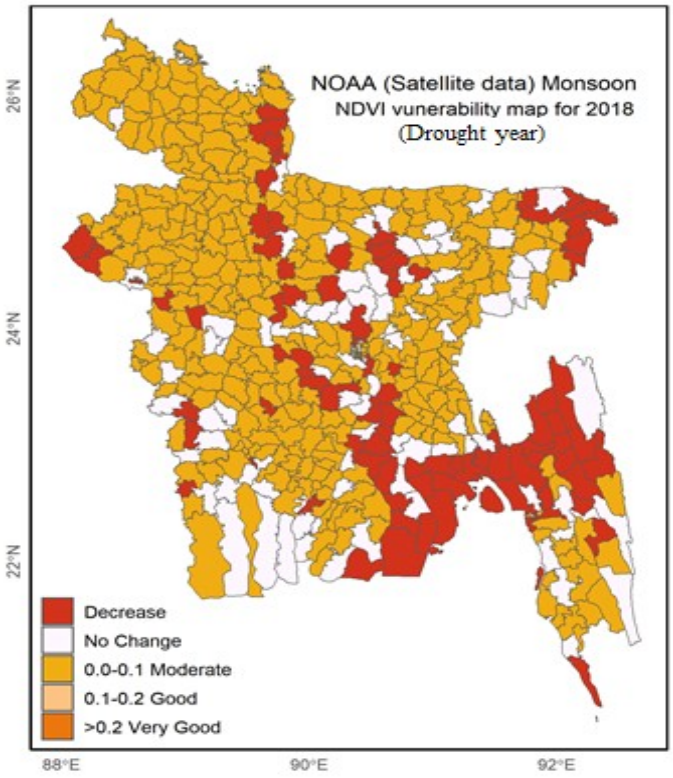
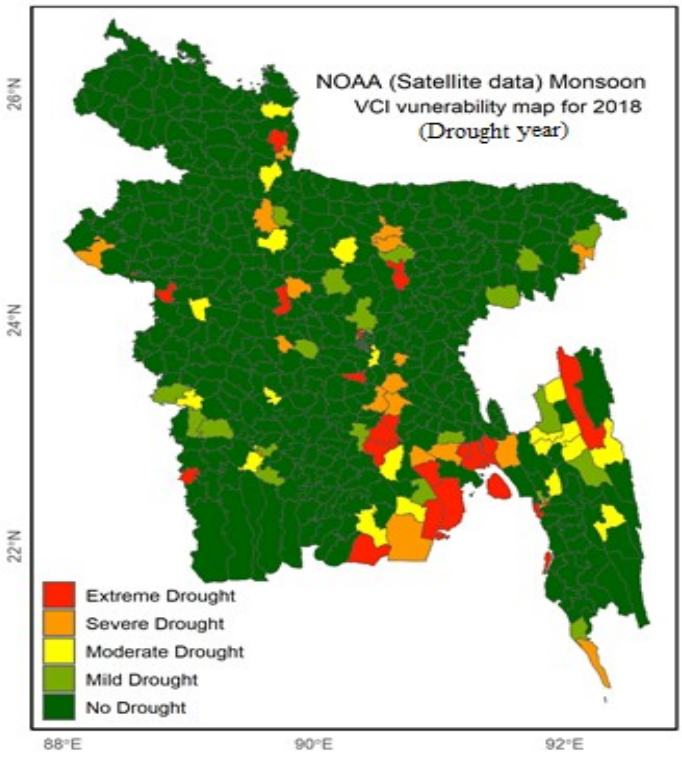


Fig. 8.2: Spatial pattern of temperature condition index (TCI) for excess rainfall year (upper) in 2017 and normalized difference vegetation index (NDVI) for drought year (lower) in 2018 for monsoon season.



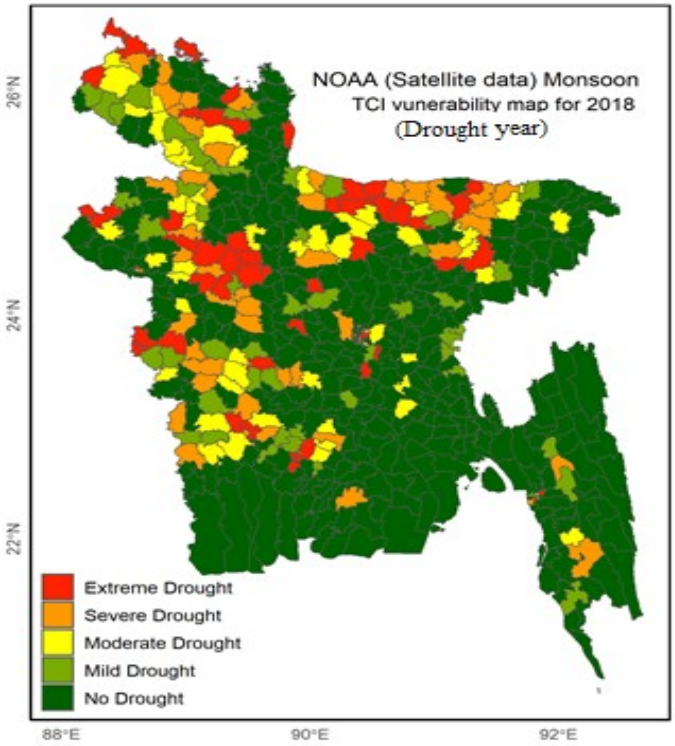
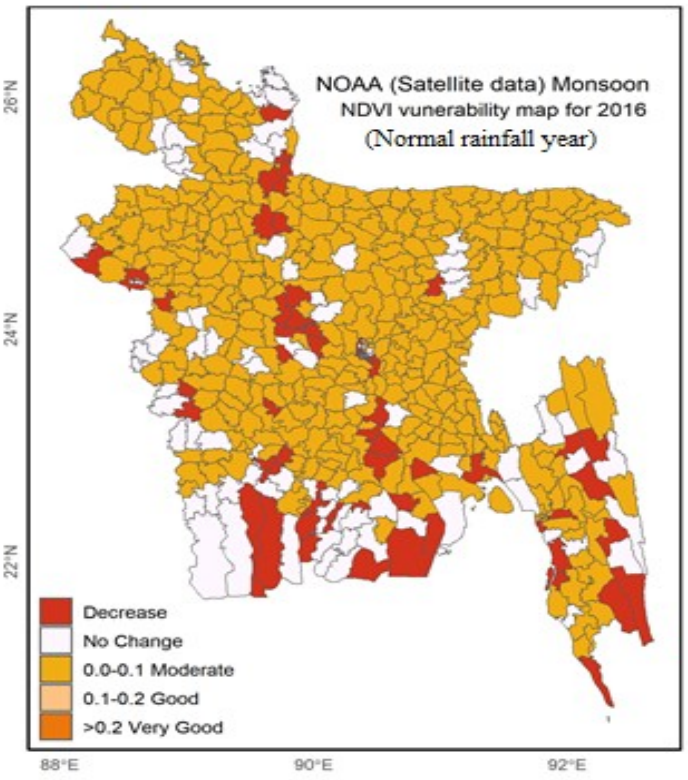


Fig. 8.3: Spatial pattern of vegetation condition index (VCI) and temperature condition index (TCI) for drought year in 2018 for monsoon season.



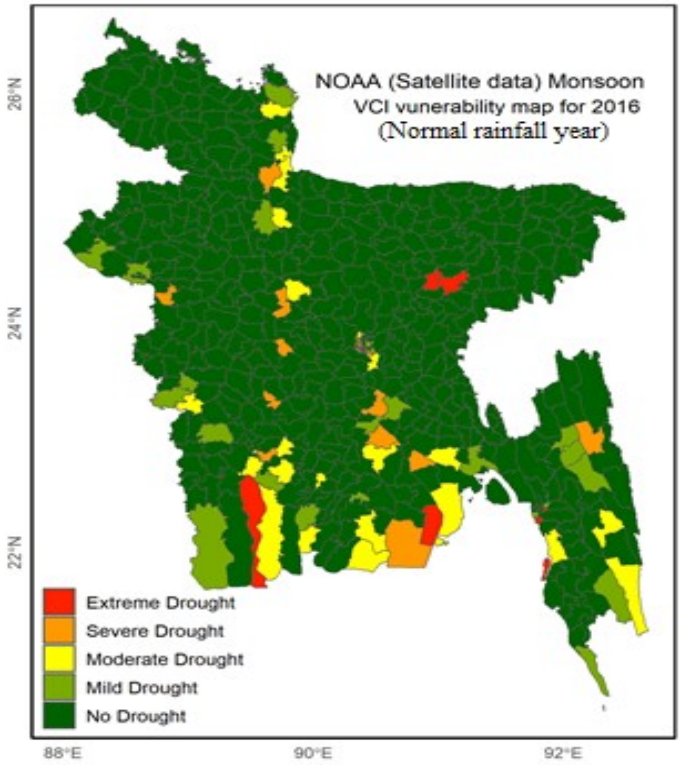


Fig. 8.4: Spatial pattern of normalized difference vegetation index (NDVI) and vegetation condition index (VCI) for normal rainfall year in 2016 for monsoon season.

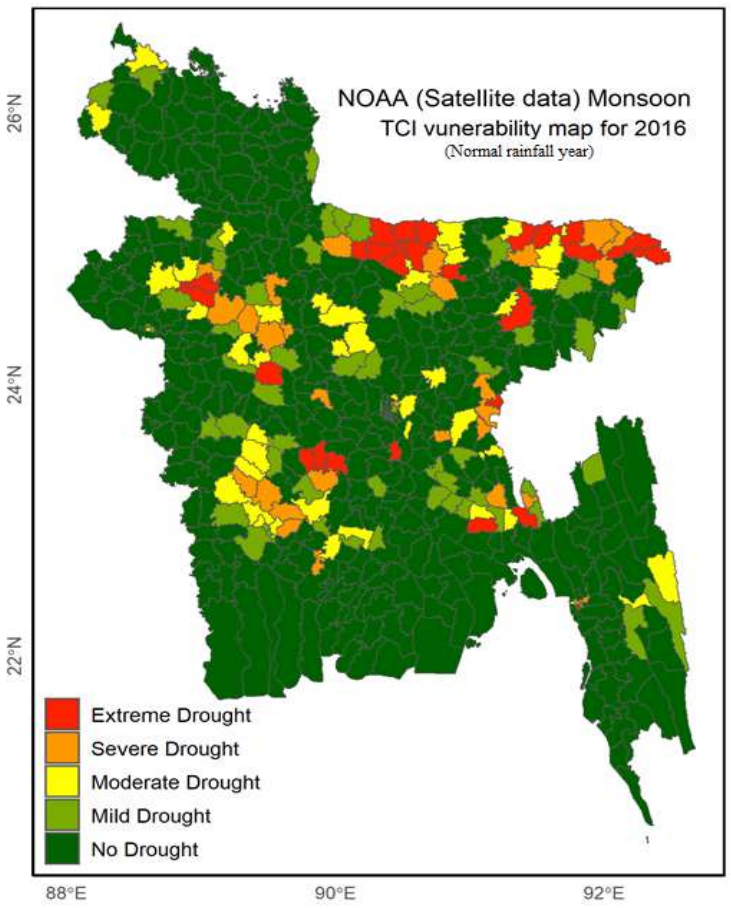
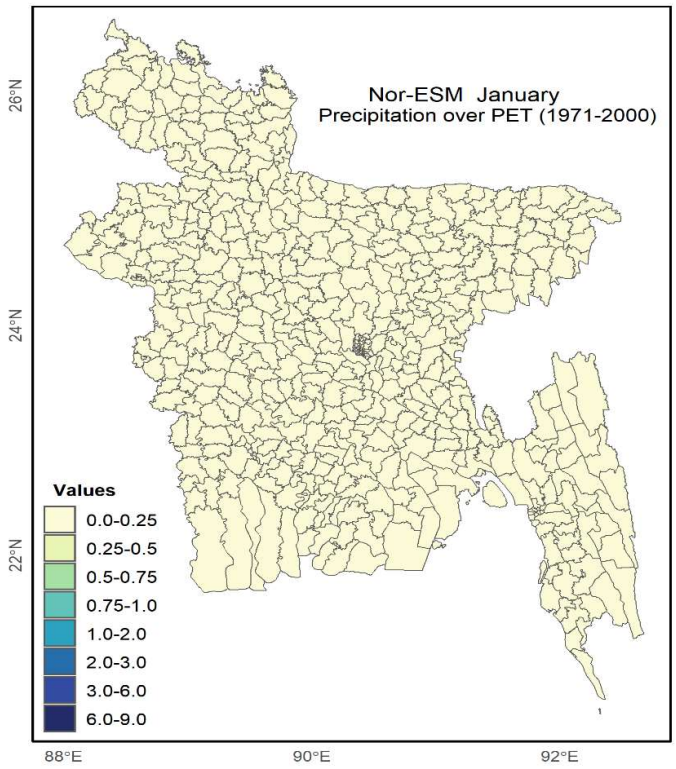


Fig. 8.5: Spatial pattern of temperature condition index (VCI) for normal rainfall year in 2016 for monsoon season.



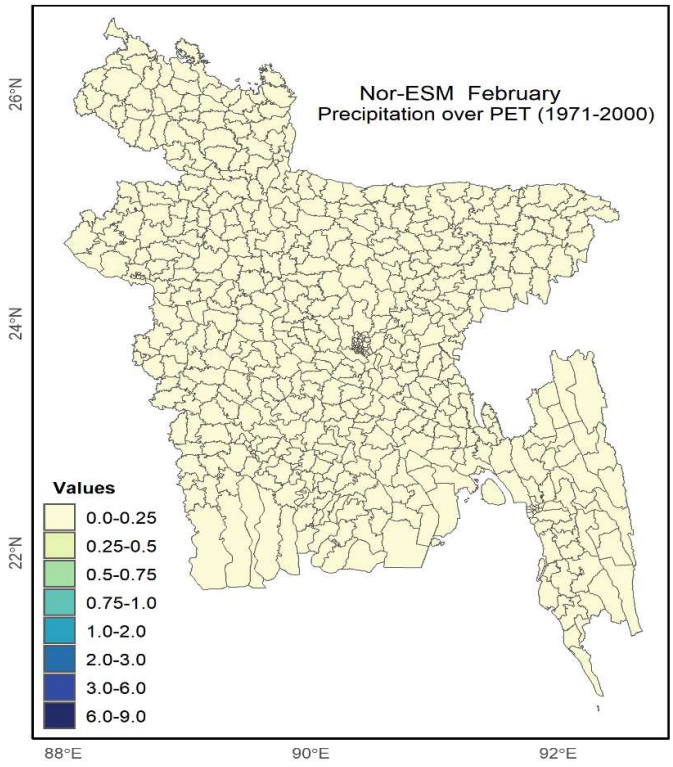
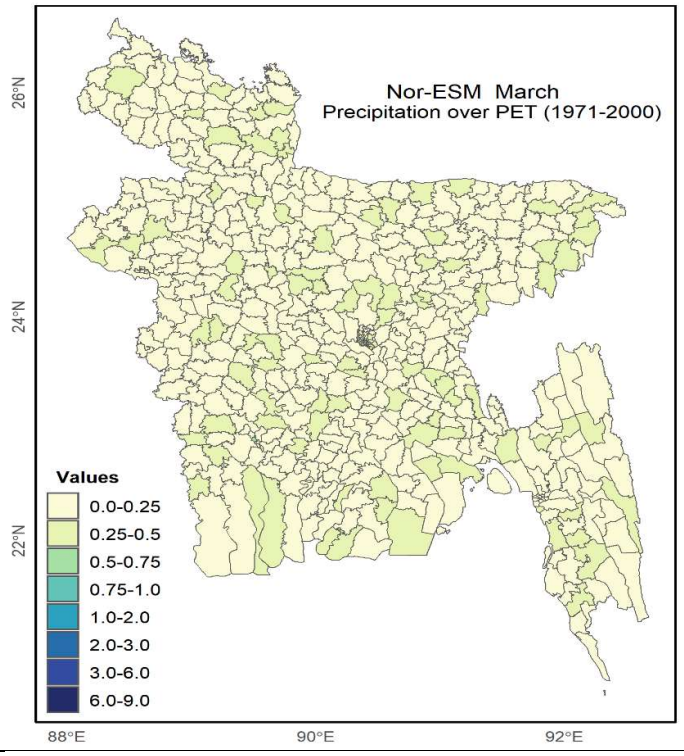


Fig. 9.1: Historical ratio of precipitation (P) to potential evapotranspiration (PET) for January and February in Bangladesh.



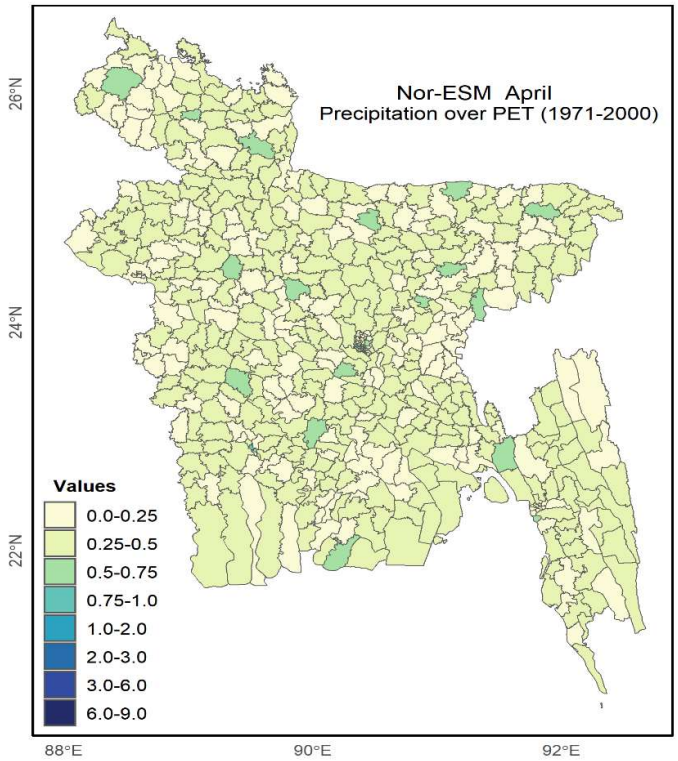
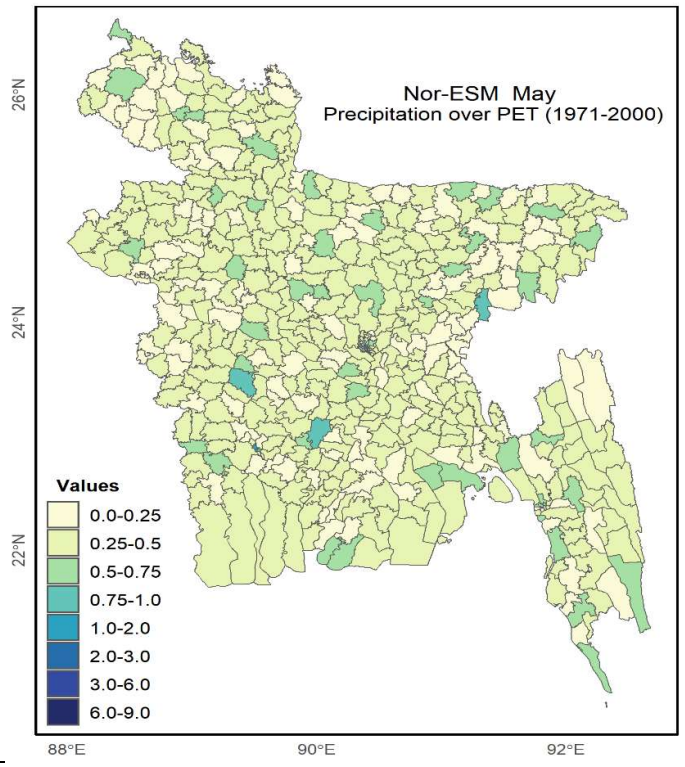


Fig.9.2: Historical ratio of precipitation (P) to potential evapotranspiration (PET) for March and April in Bangladesh.



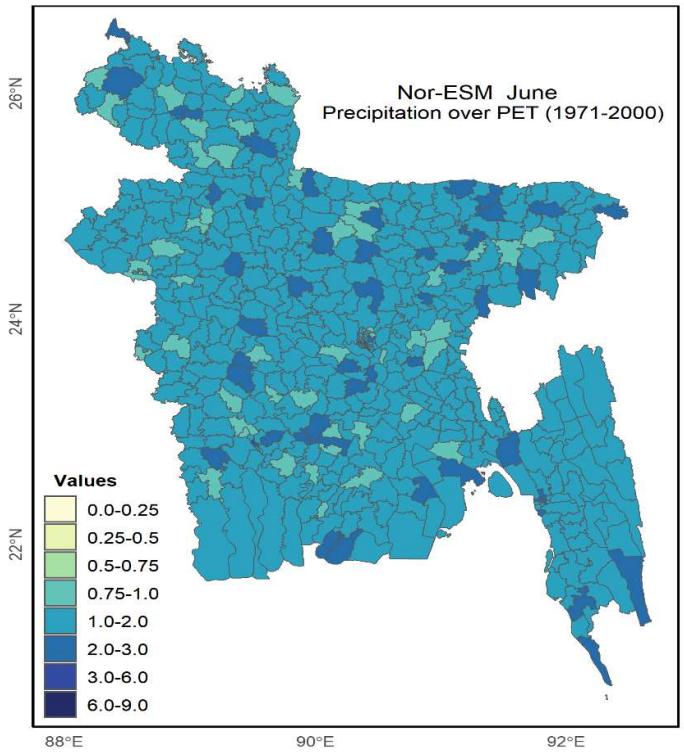
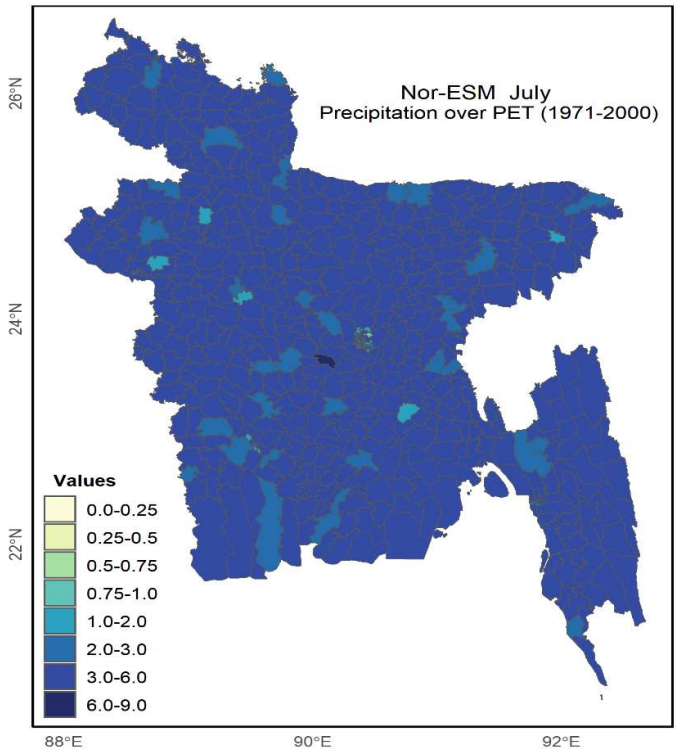


Fig. 9.3: Historical ratio of precipitation (P) to potential evapotranspiration (PET) for May and June in Bangladesh.



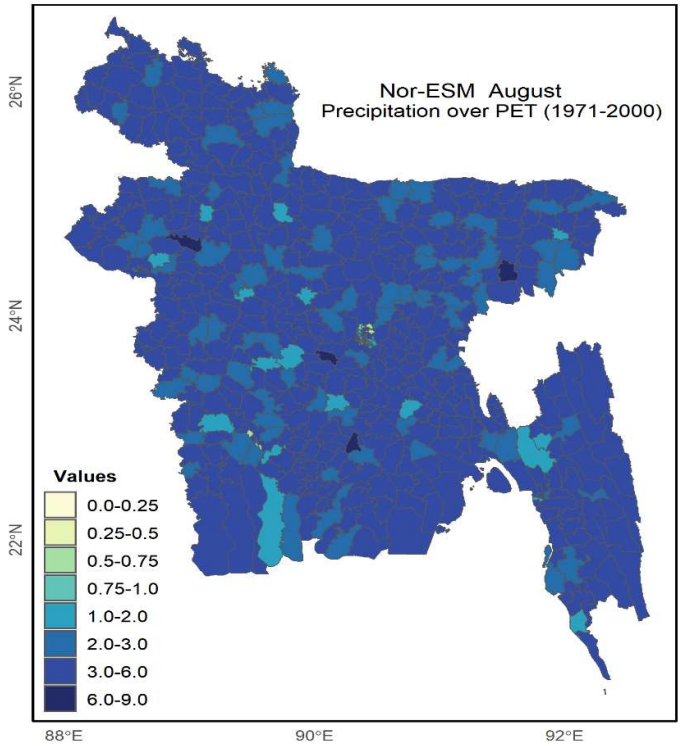
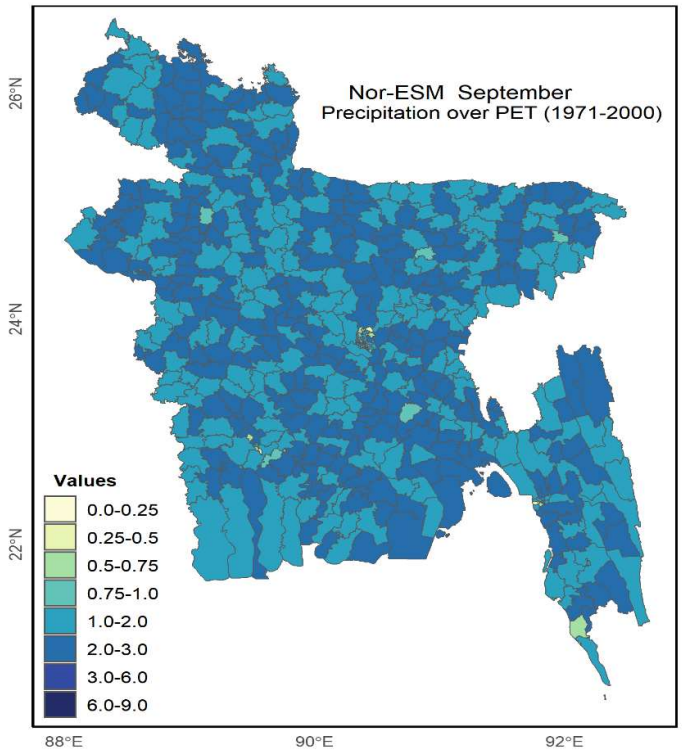


Fig. 9.4: Historical ratio of precipitation (P) to potential evapotranspiration (PET) for July and August in Bangladesh.



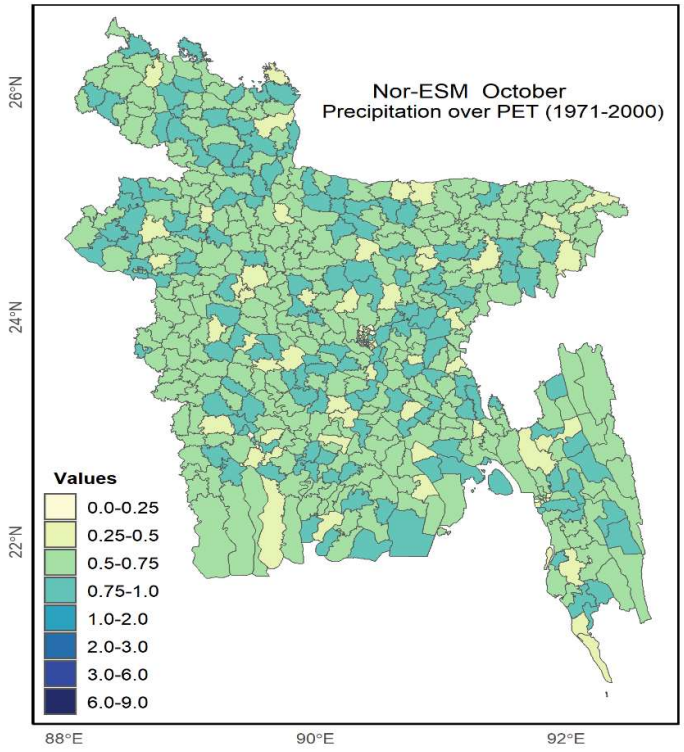
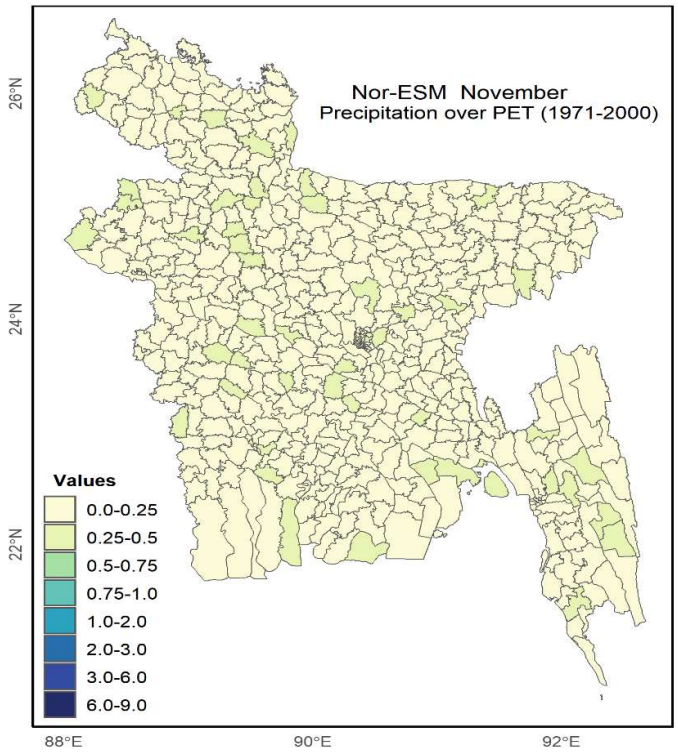


Fig. 9.5: Historical ratio of precipitation (P) to potential evapotranspiration (PET) for September and October in Bangladesh.



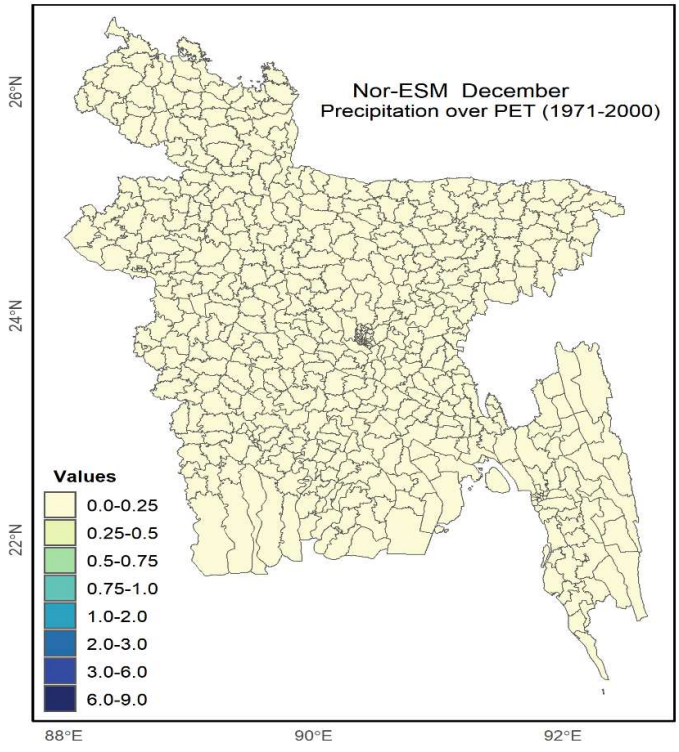
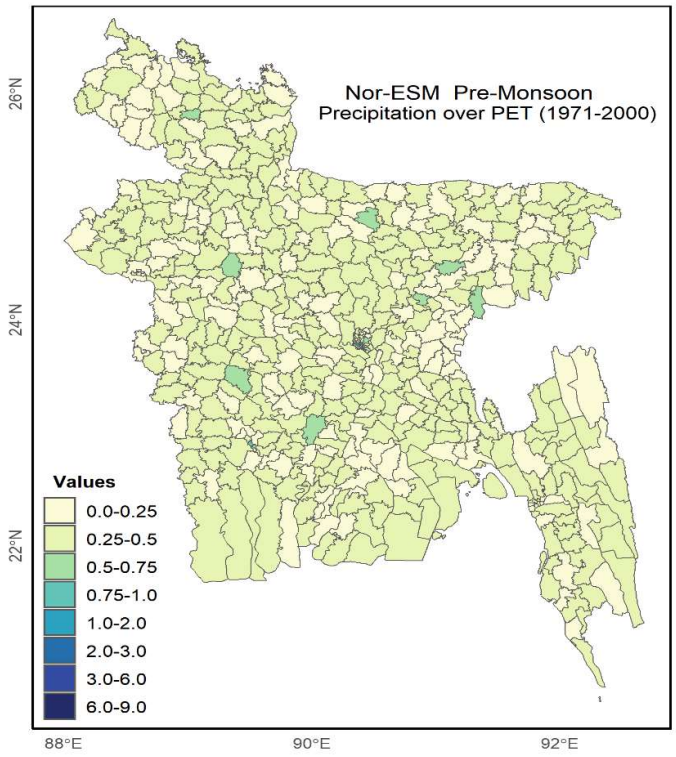


Fig.9.6: Historical ratio of precipitation (P) to potential evapotranspiration (PET) for November and December in Bangladesh.



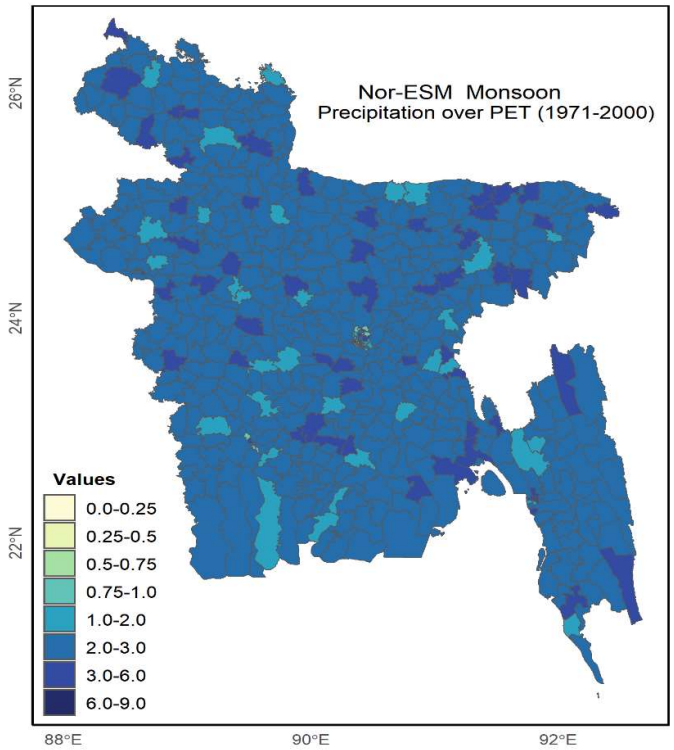
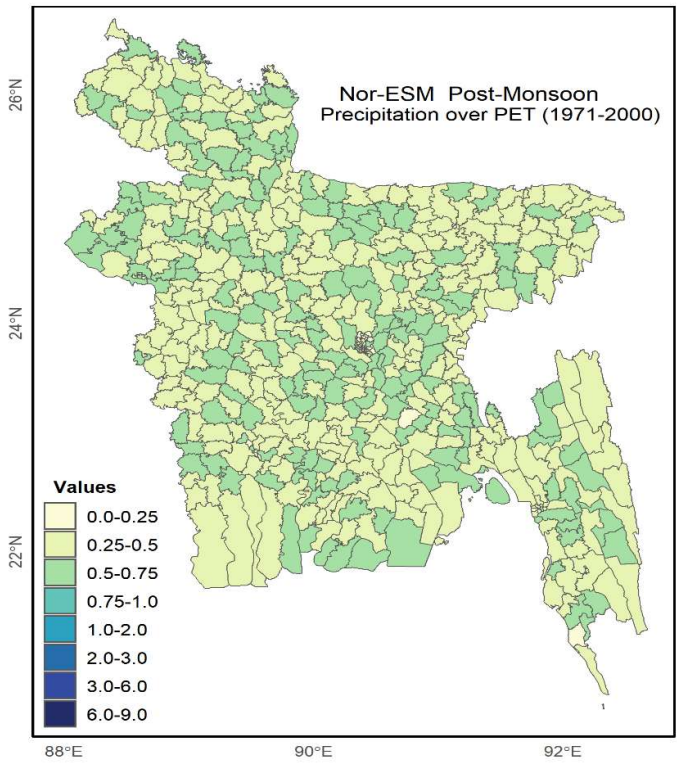


Fig. 9.7: Historical ratio of precipitation (P) to potential evapotranspiration (PET) for Pre-monsoon and Monsoon season in Bangladesh.



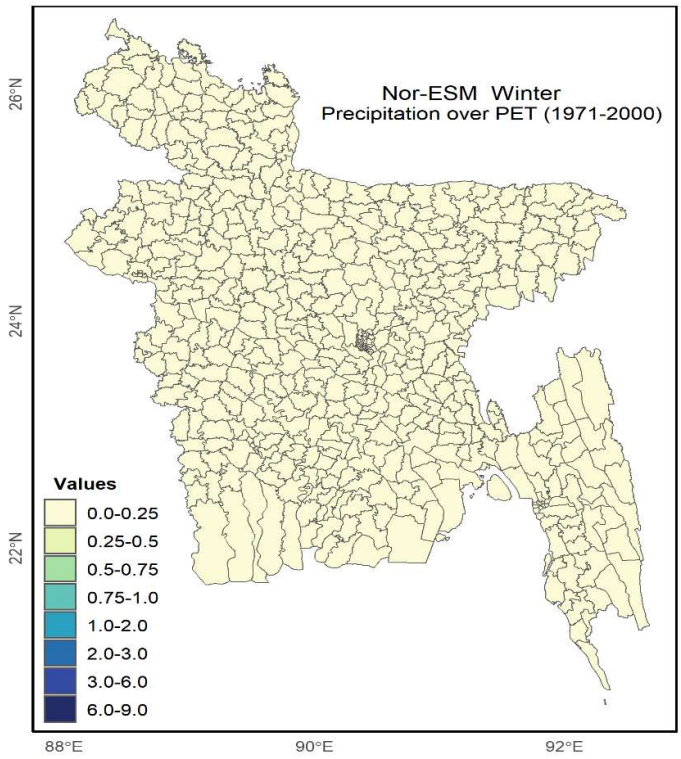


Fig. 9.8: Historical ratio of precipitation (P) to potential evapotranspiration (PET) for Post-monsoon and Winter in Bangladesh.

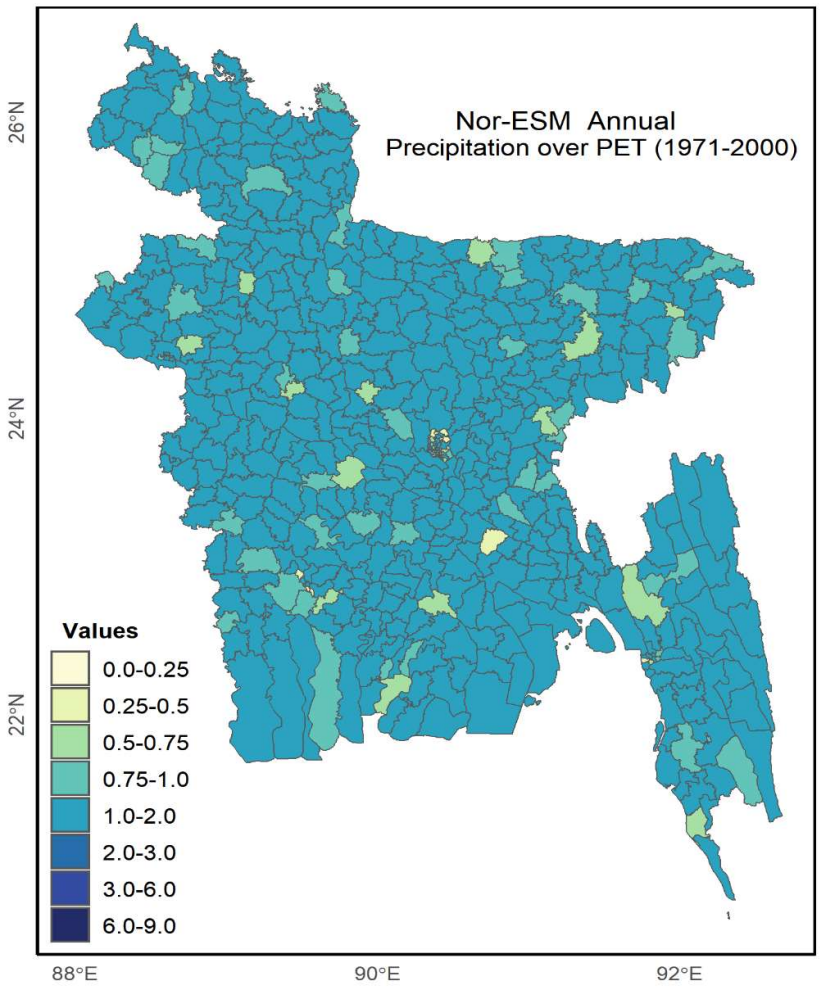
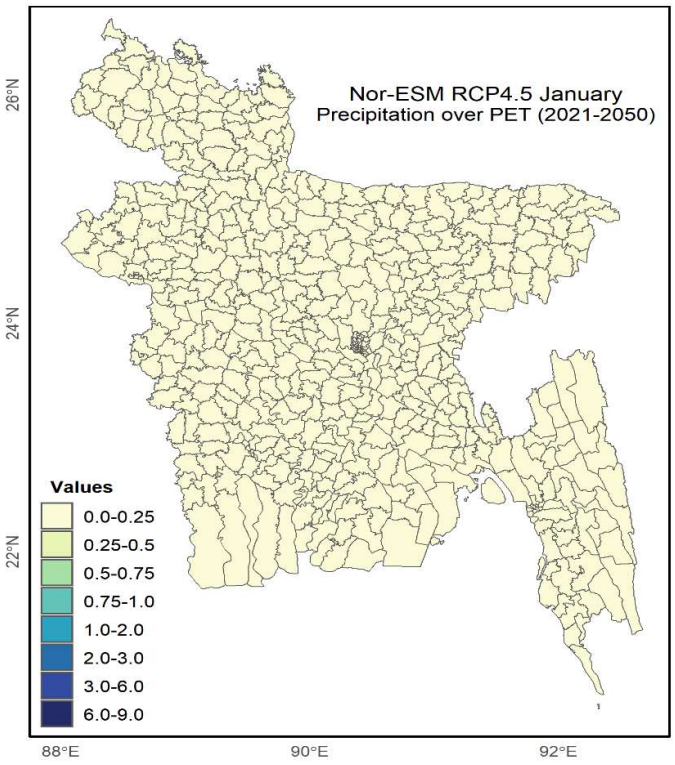


Fig.9.9: Historical ratio of precipitation (P) to potential evapotranspiration (PET) for Annual in Bangladesh.



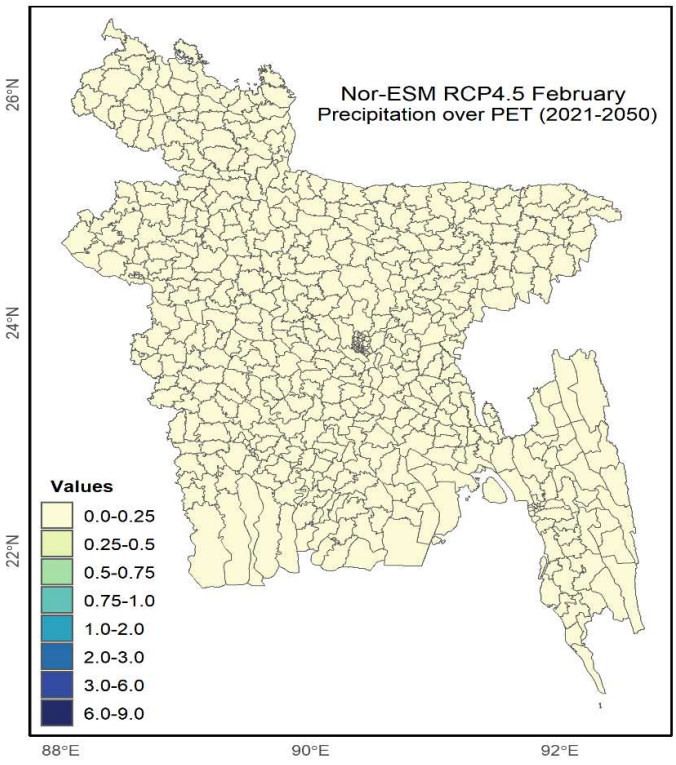
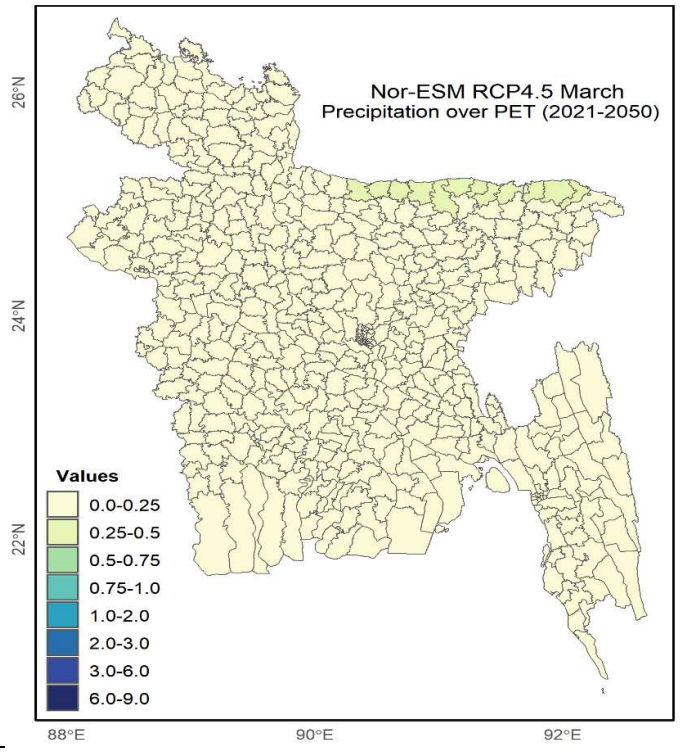


Fig. 9.10: Projected change in ratio of precipitation (P) to potential evapotranspiration (PET) under RCP4.5 for January and February during the mid-century (2021-2050).



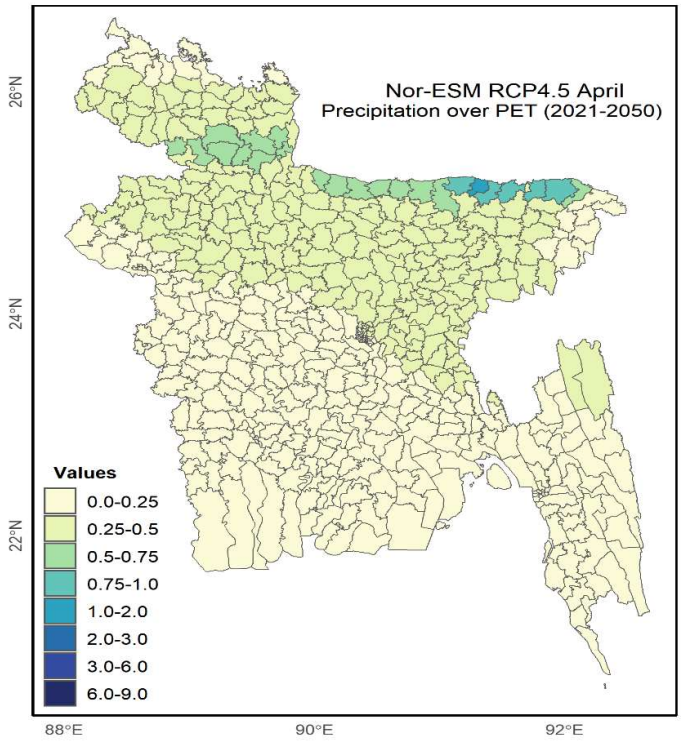
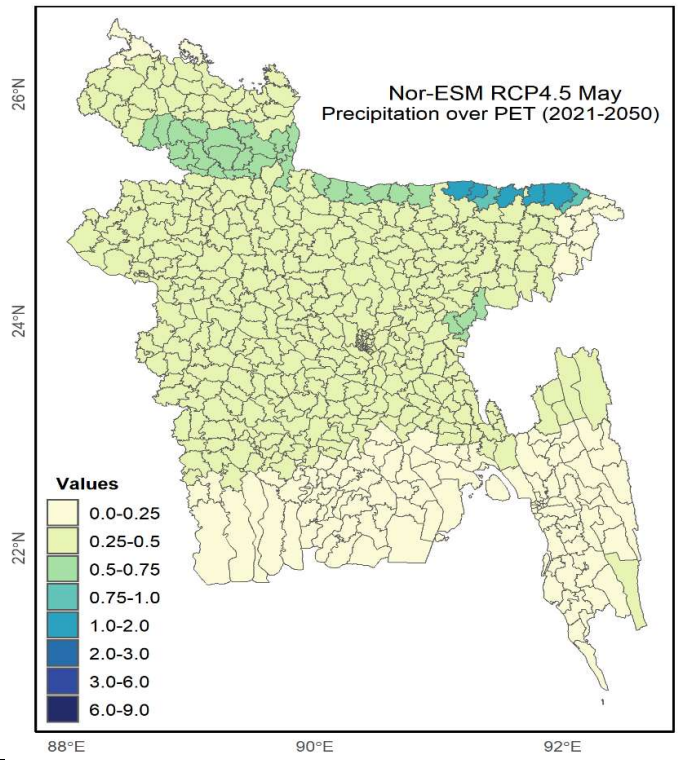


Fig. 9.11: Projected change in ratio of precipitation (P) to potential evapotranspiration (PET) under RCP4.5 for March and April during the mid-century (2021-2050).



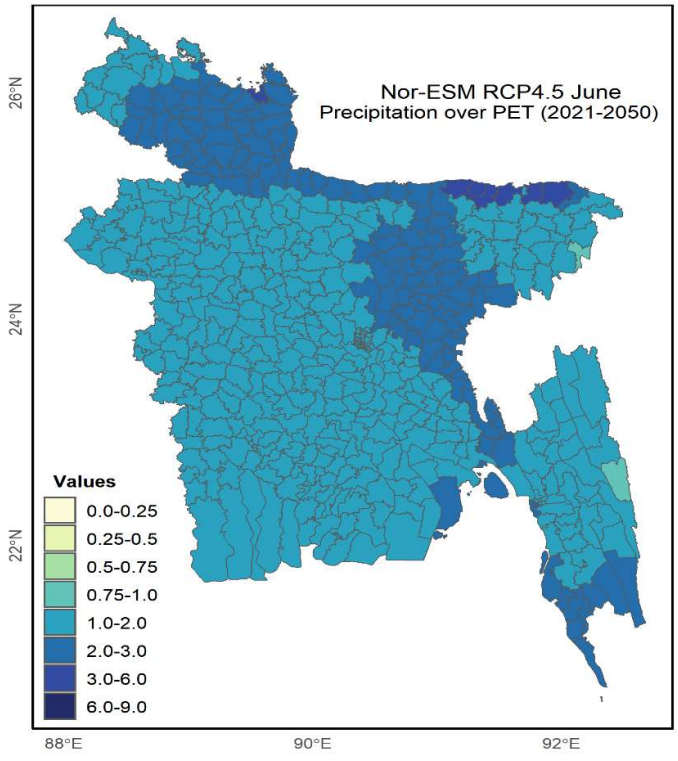
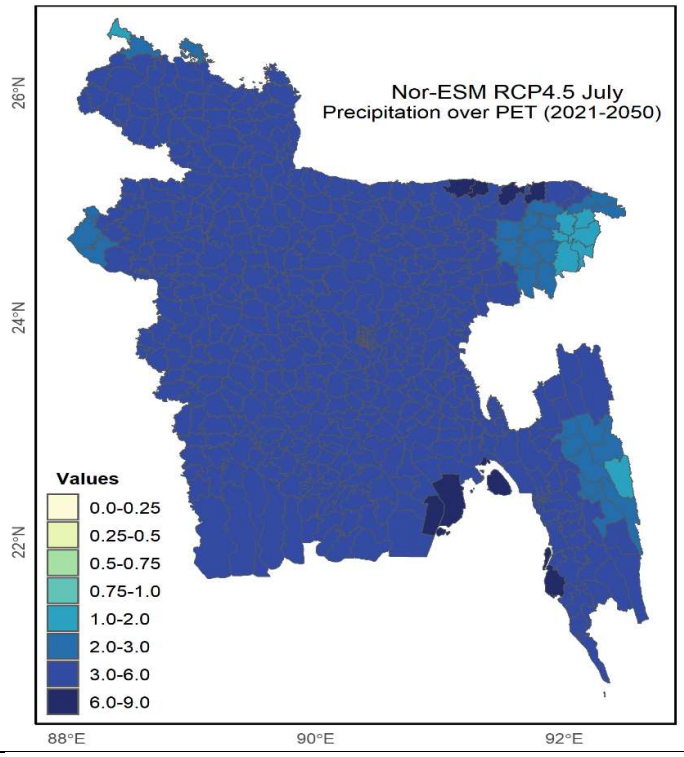


Fig. 9.12: Projected change in ratio of precipitation (P) to potential evapotranspiration (PET) under RCP4.5 for May and June during the mid-century (2021-2050).



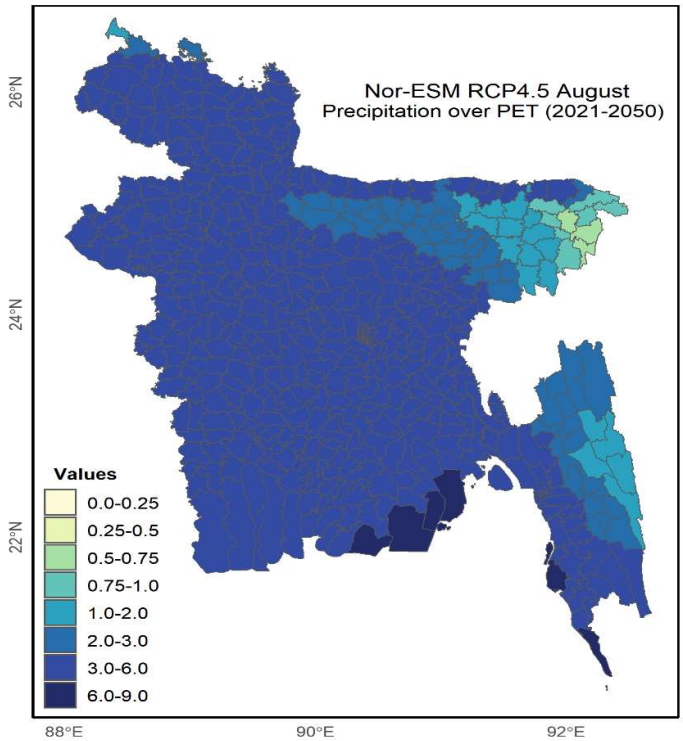
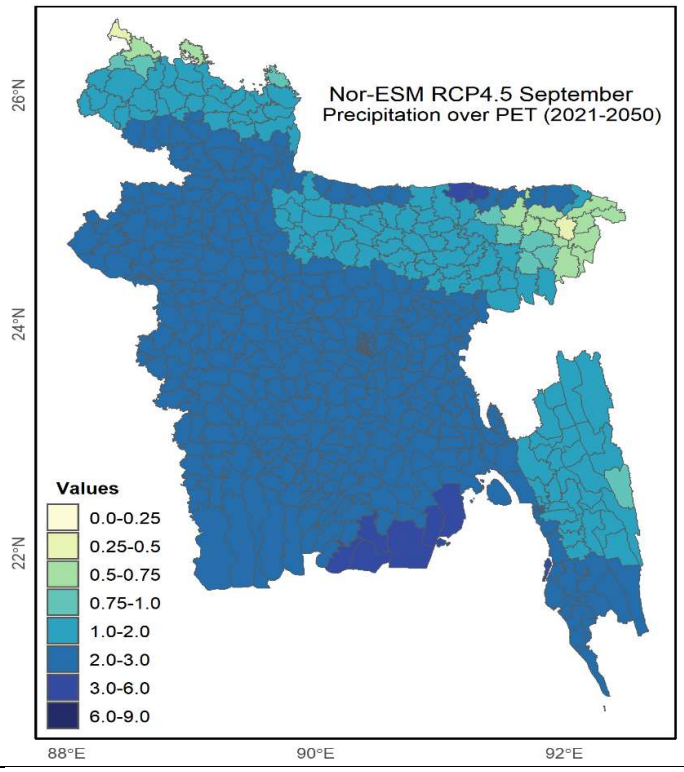


Fig. 9.13: Projected change in ratio of precipitation (P) to potential evapotranspiration (PET) under RCP4.5 for July and August during the mid-century (2021-2050).



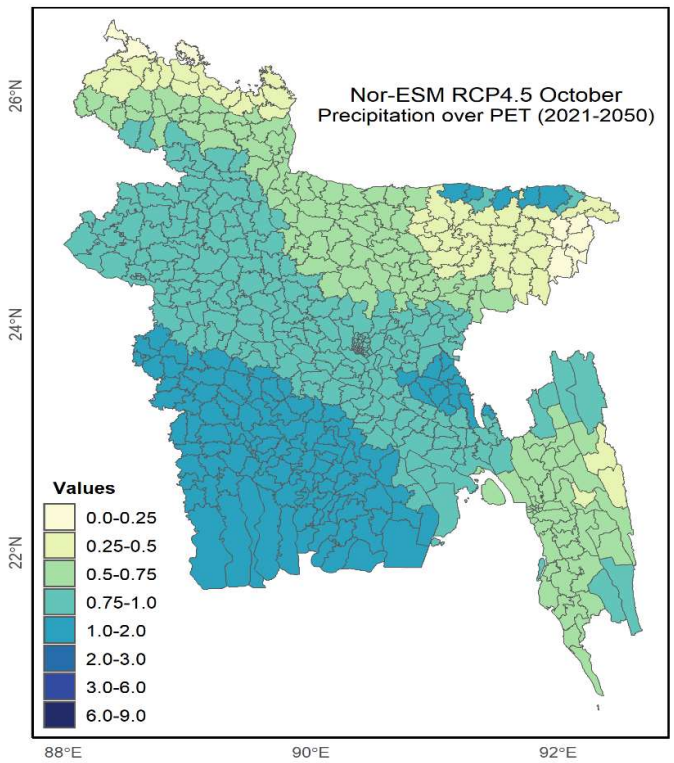
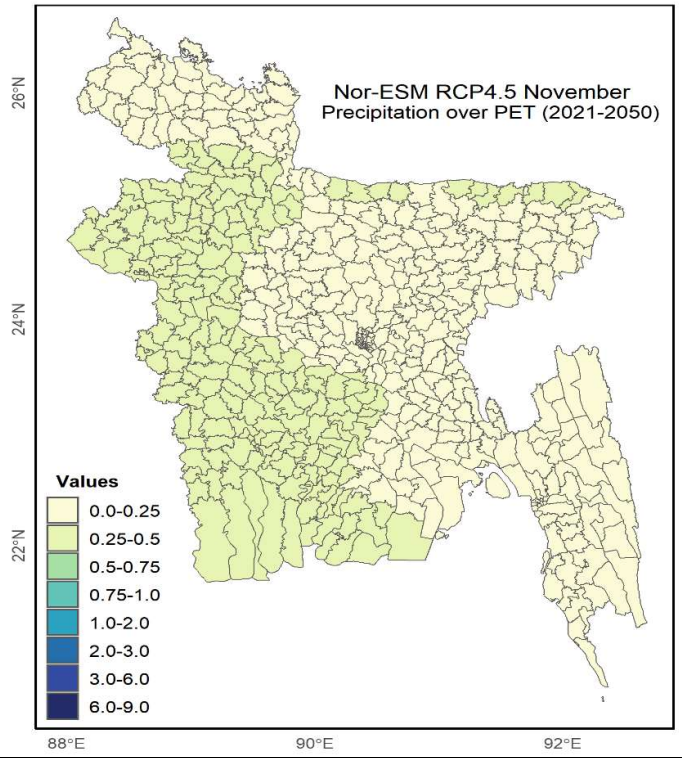


Fig.9.14: Projected change in ratio of precipitation (P) to potential evapotranspiration (PET) under RCP4.5 for September and October during the mid-century (2021-2050).



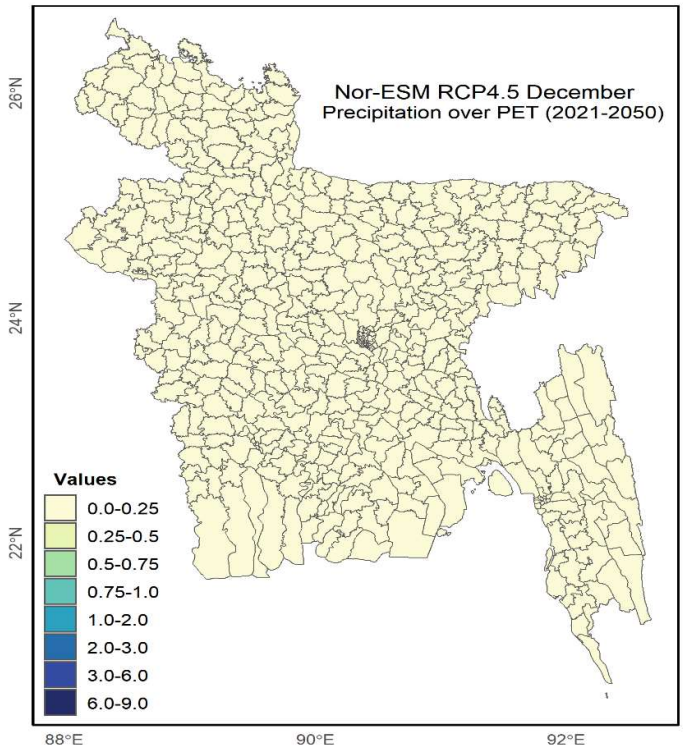
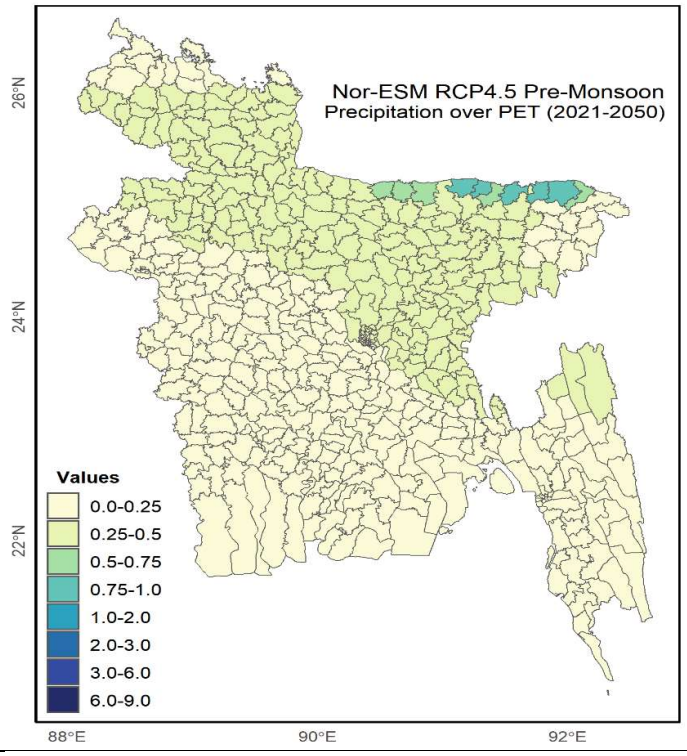


Fig.9.15: Projected change in ratio of precipitation (P) to potential evapotranspiration (PET) under RCP4.5 for November and December during the mid-century (2021-2050).



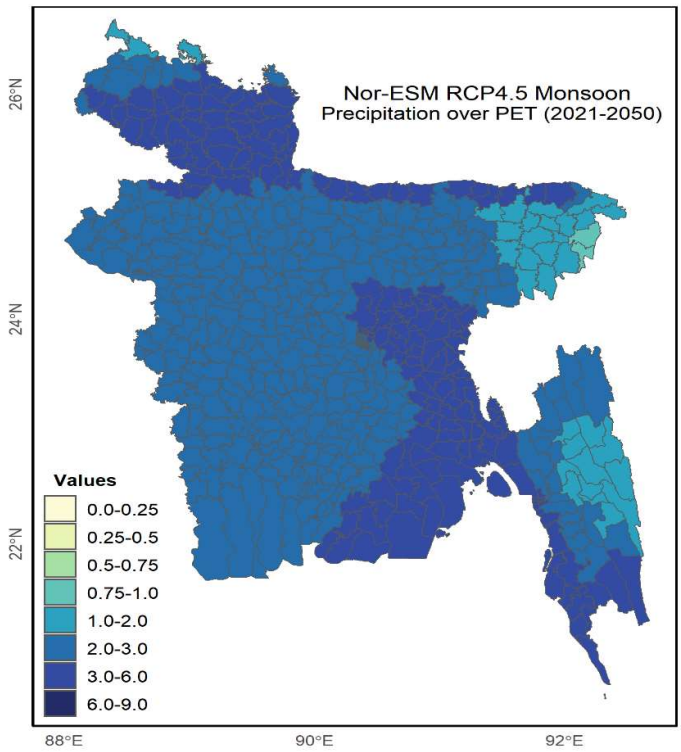
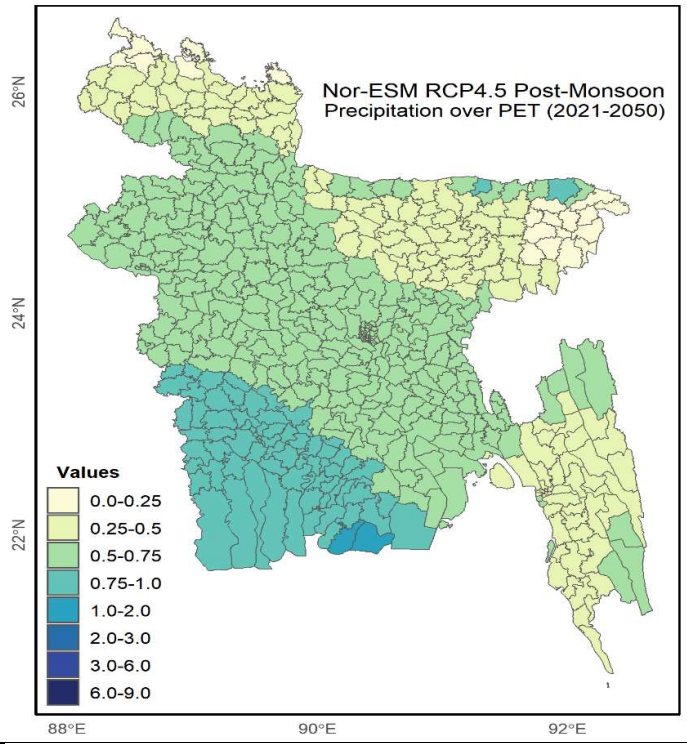


Fig. 9.16: Projected change in ratio of precipitation (P) to potential evapotranspiration (PET) under RCP4.5 for Pre-monsoon and Monsoon season during the mid-century (2021-2050).



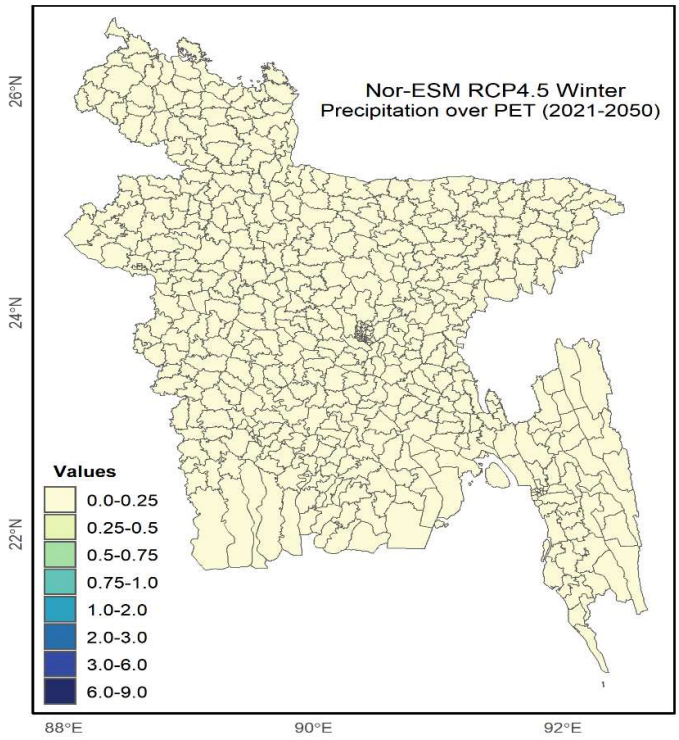


Fig. 9.17: Projected change in ratio of precipitation (P) to potential evapotranspiration (PET) under RCP4.5 for Post-monsoon and Winter season during the mid-century (2021-2050).

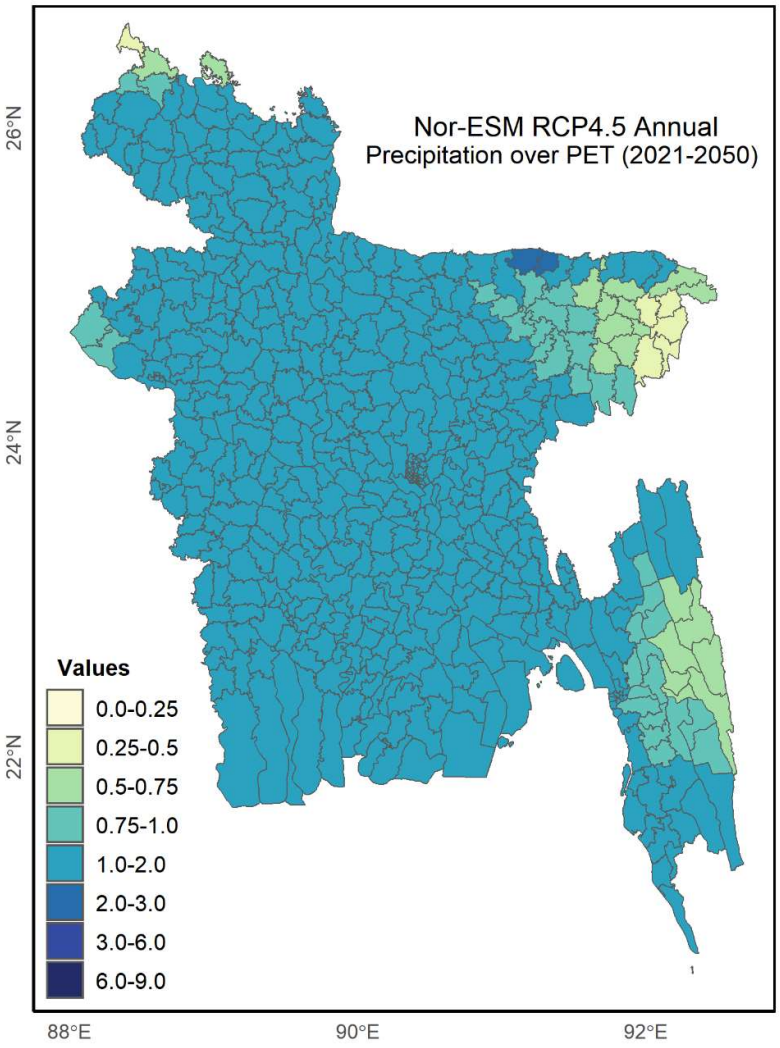
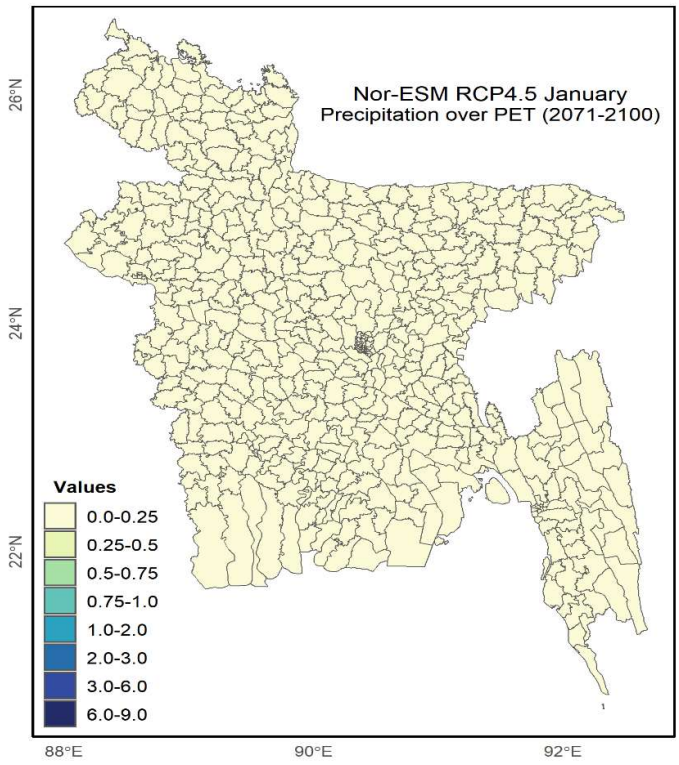


Fig.9.18: Projected change in ratio of precipitation (P) to potential evapotranspiration (PET) under RCP4.5 for Annual during the mid-century (2021-2050).



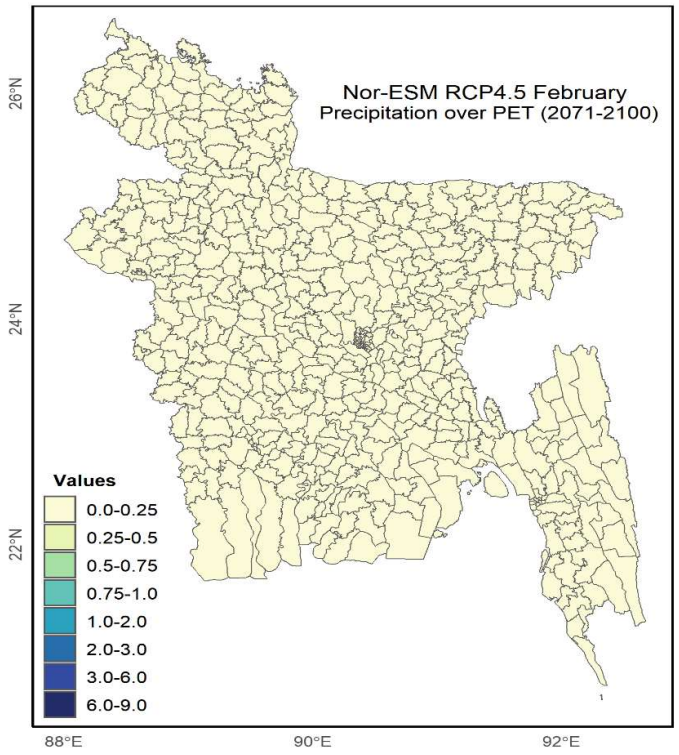
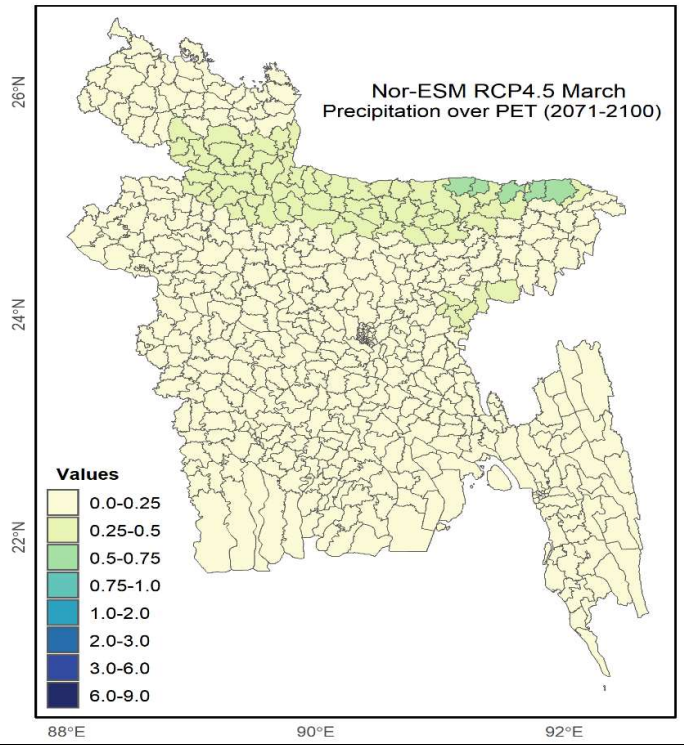


Fig. 9.19: Projected change in ratio of precipitation (P) to potential evapotranspiration (PET) under RCP4.5 for January and February during the last-century (2071-2100).



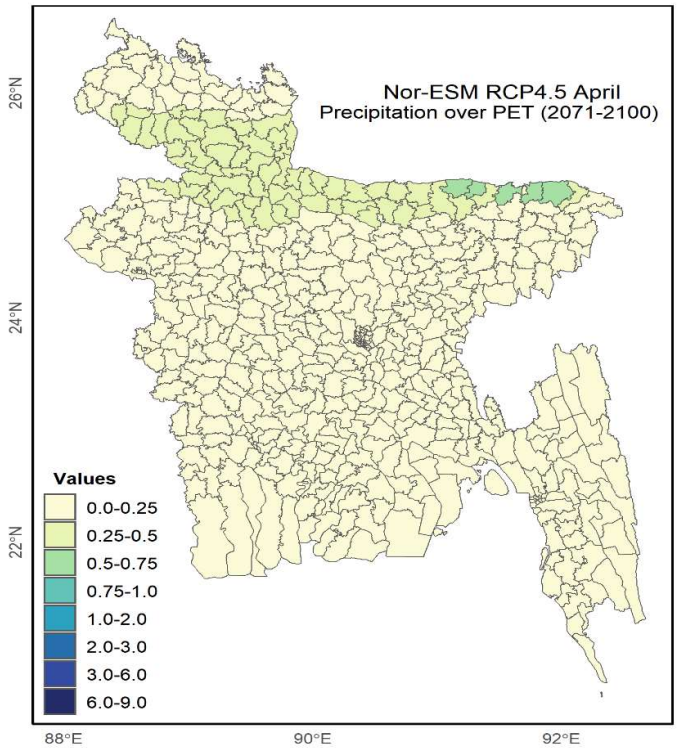
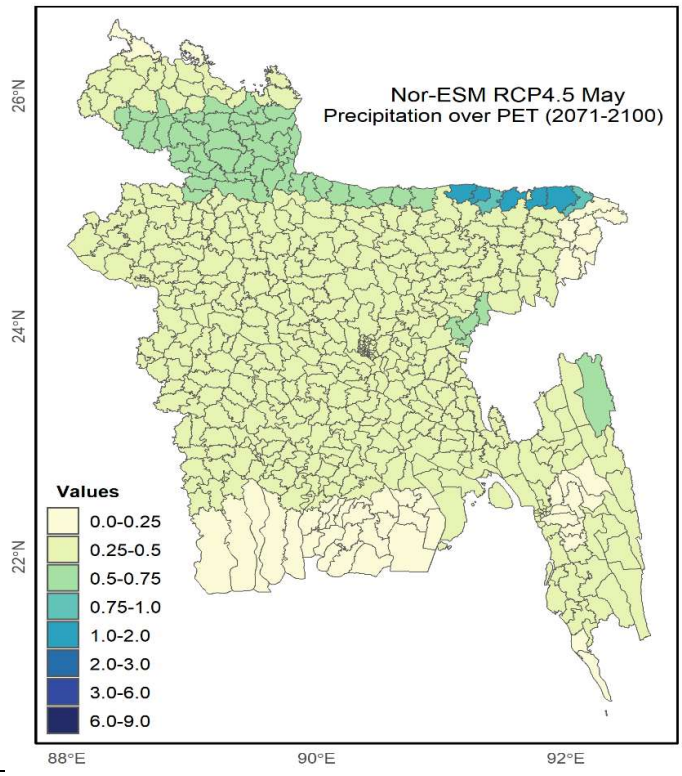


Fig. 9.20: Projected change in ratio of precipitation (P) to potential evapotranspiration (PET) under RCP4.5 for March and April during the last-century (2071-2100).



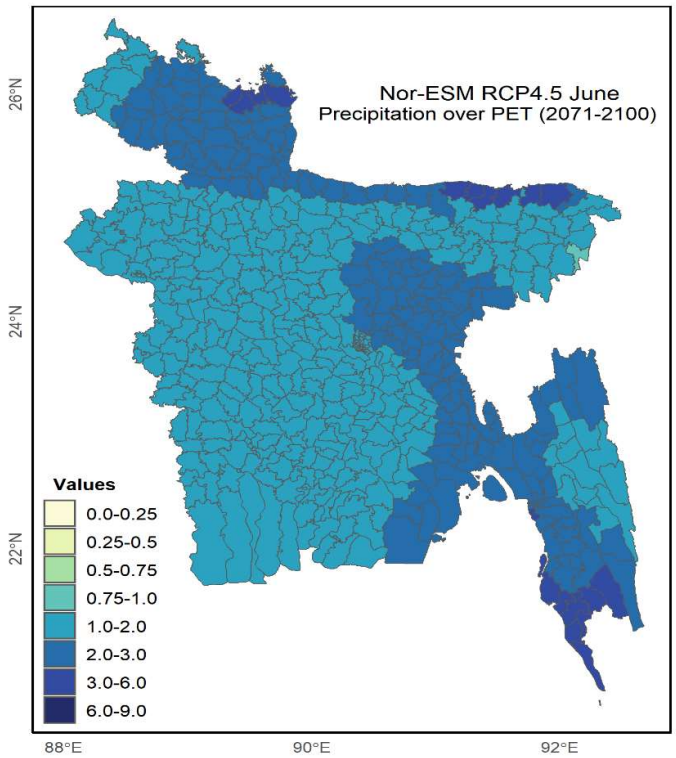
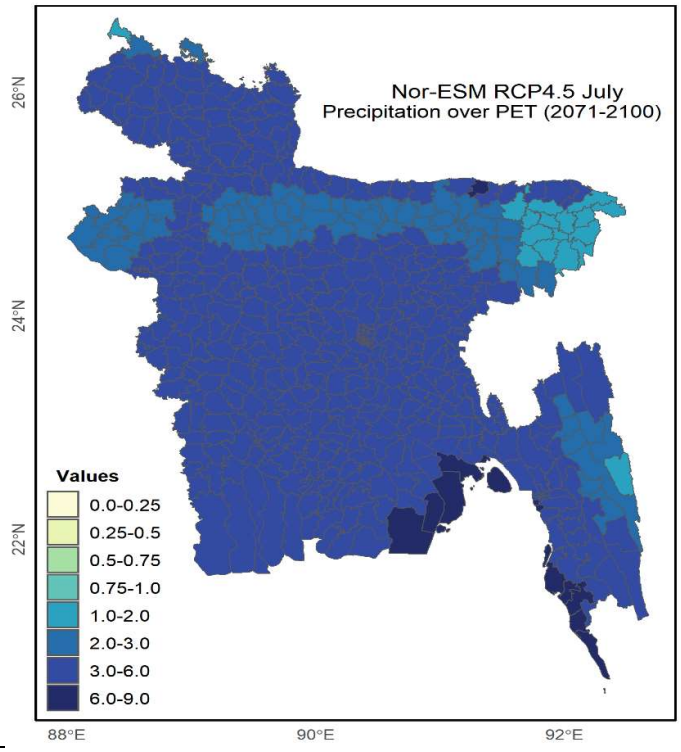


Fig. 9.21: Projected change in ratio of precipitation (P) to potential evapotranspiration (PET) under RCP4.5 for May and June during the last-century (2071-2100).



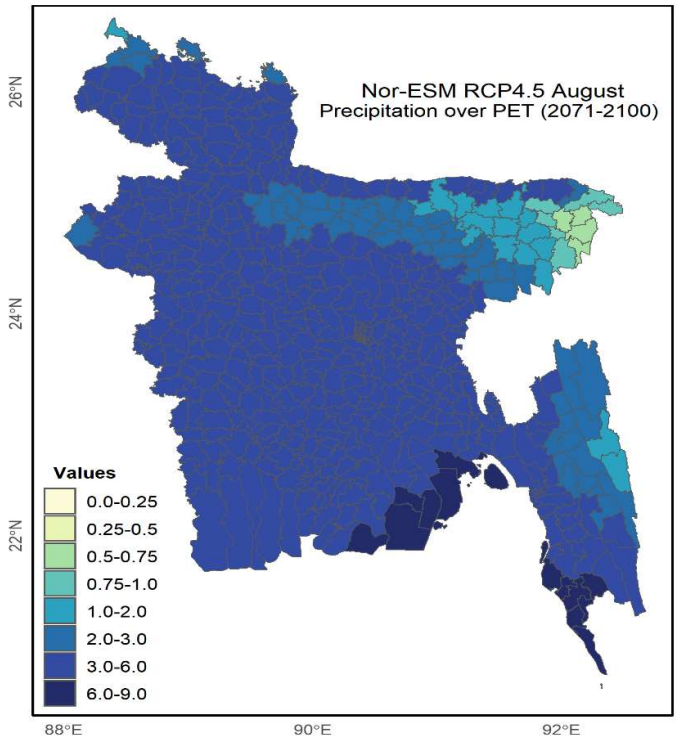
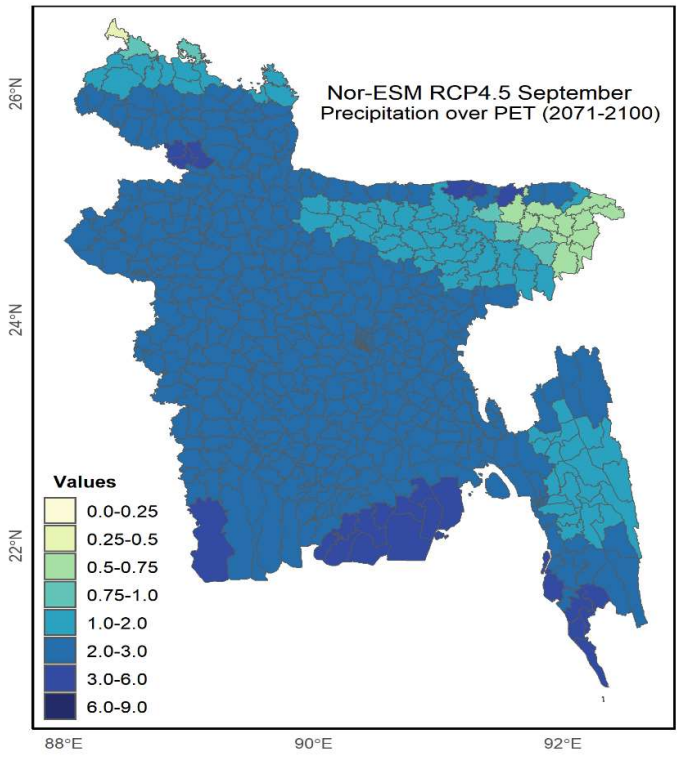


Fig. 9.22: Projected change in ratio of precipitation (P) to potential evapotranspiration (PET) under RCP4.5 for July and August during the last-century (2071-2100).



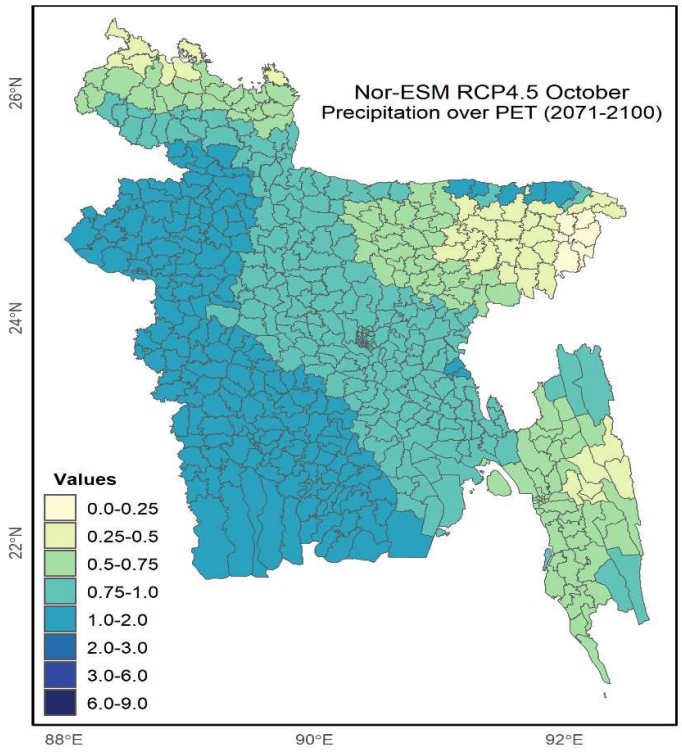
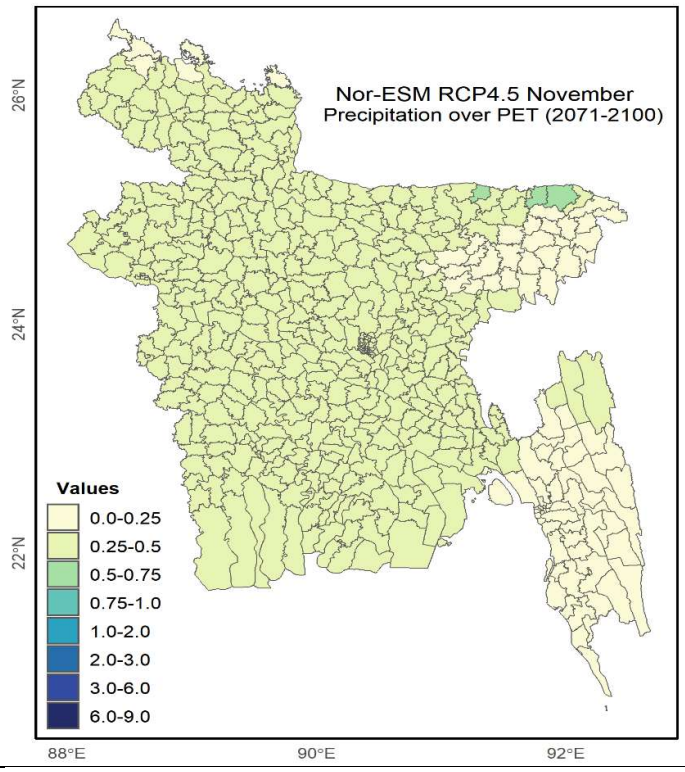


Fig. 9.23: Projected change in ratio of precipitation (P) to potential evapotranspiration (PET) under RCP4.5 for September and October during the last-century (2071-2100).



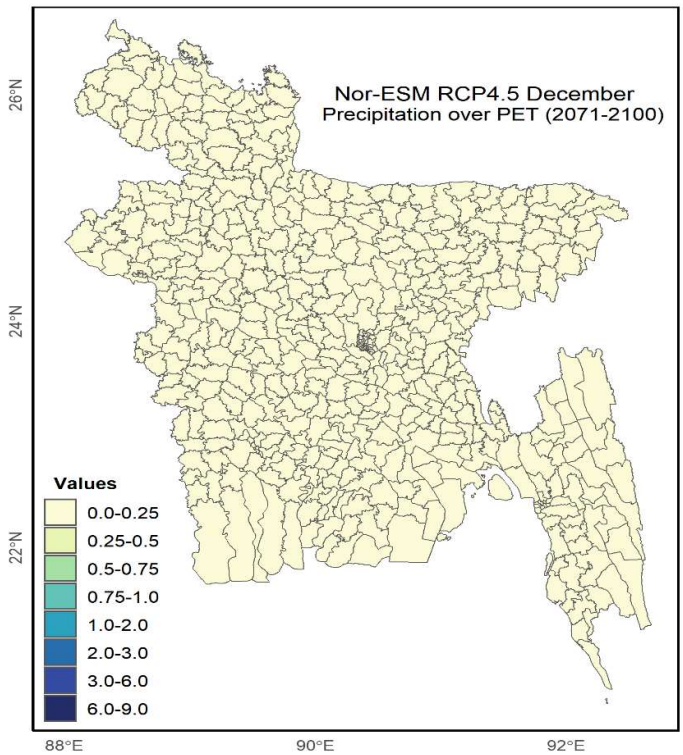
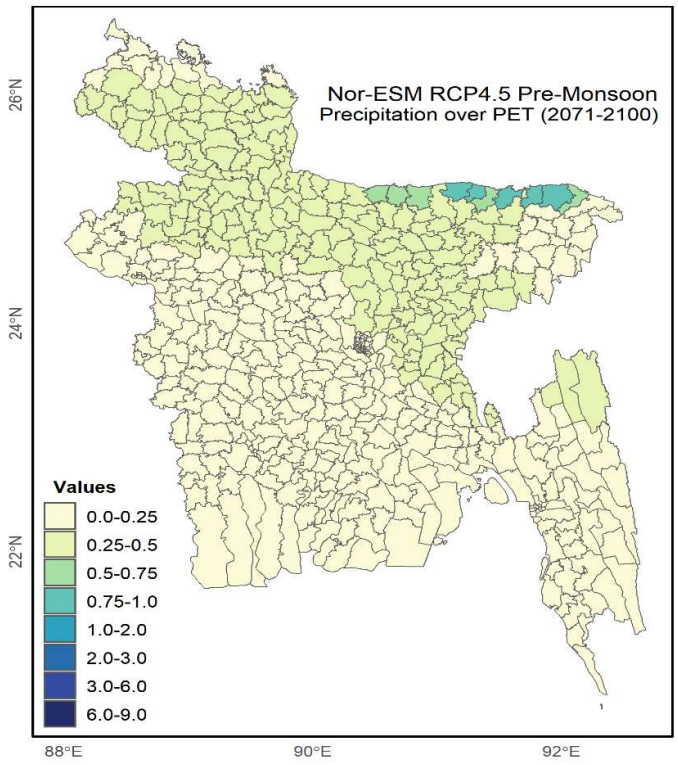


Fig. 9.24: Projected change in ratio of precipitation (P) to potential evapotranspiration (PET) under RCP4.5 for November and December during the last-century (2071-2100).



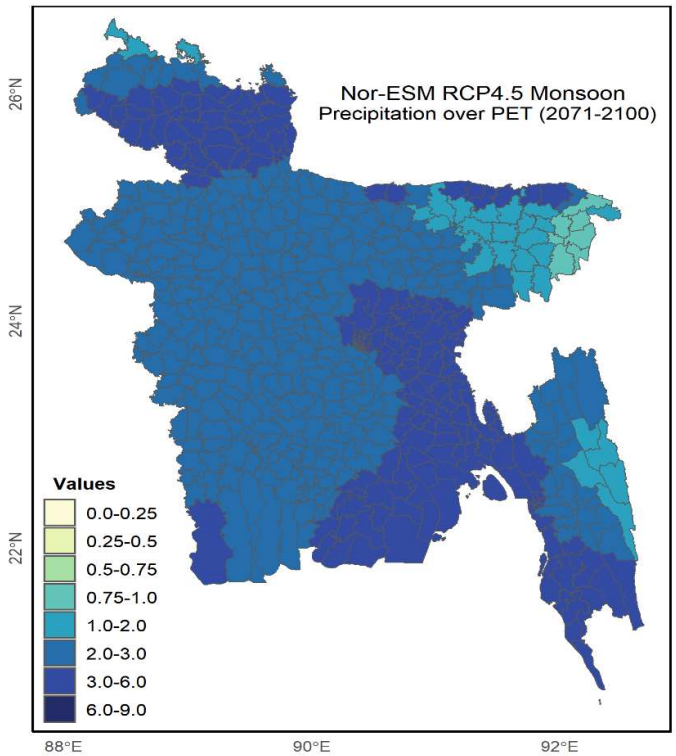
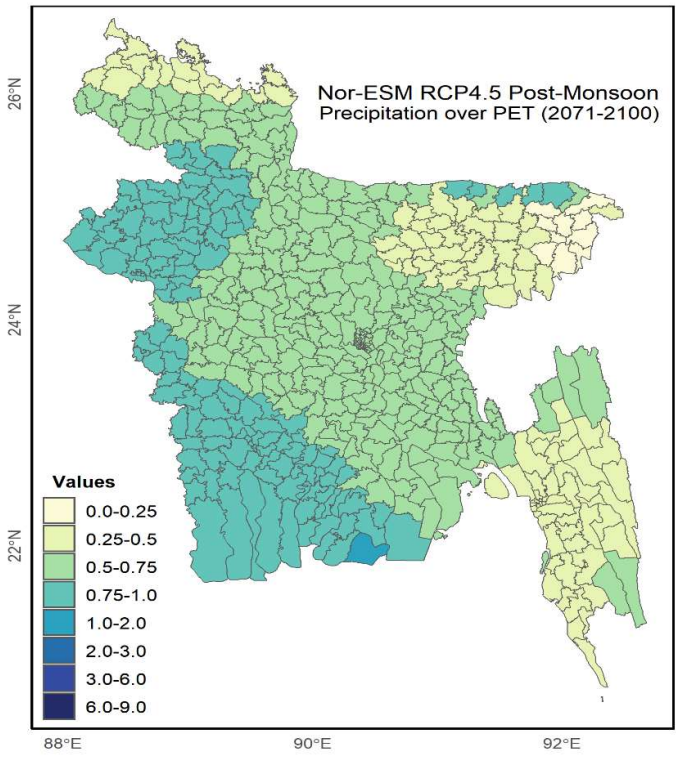


Fig. 9.25: Projected change in ratio of precipitation (P) to potential evapotranspiration (PET) under RCP4.5 for Pre-monsoon and Monsoon during the last-century (2071-2100).



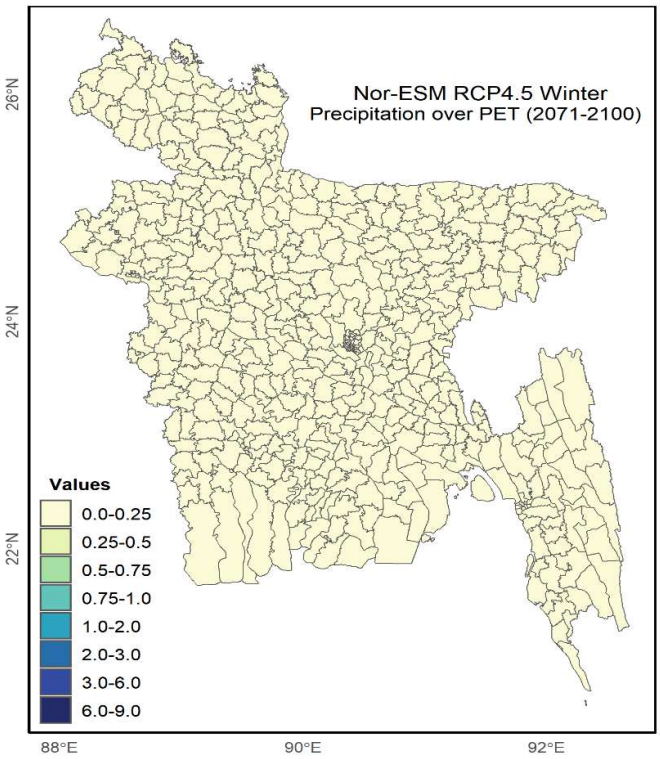


Fig. 9.26: Projected change in ratio of precipitation (P) to potential evapotranspiration (PET) under RCP4.5 for Post-monsoon and Monsoon during the last-century (2071-2100).

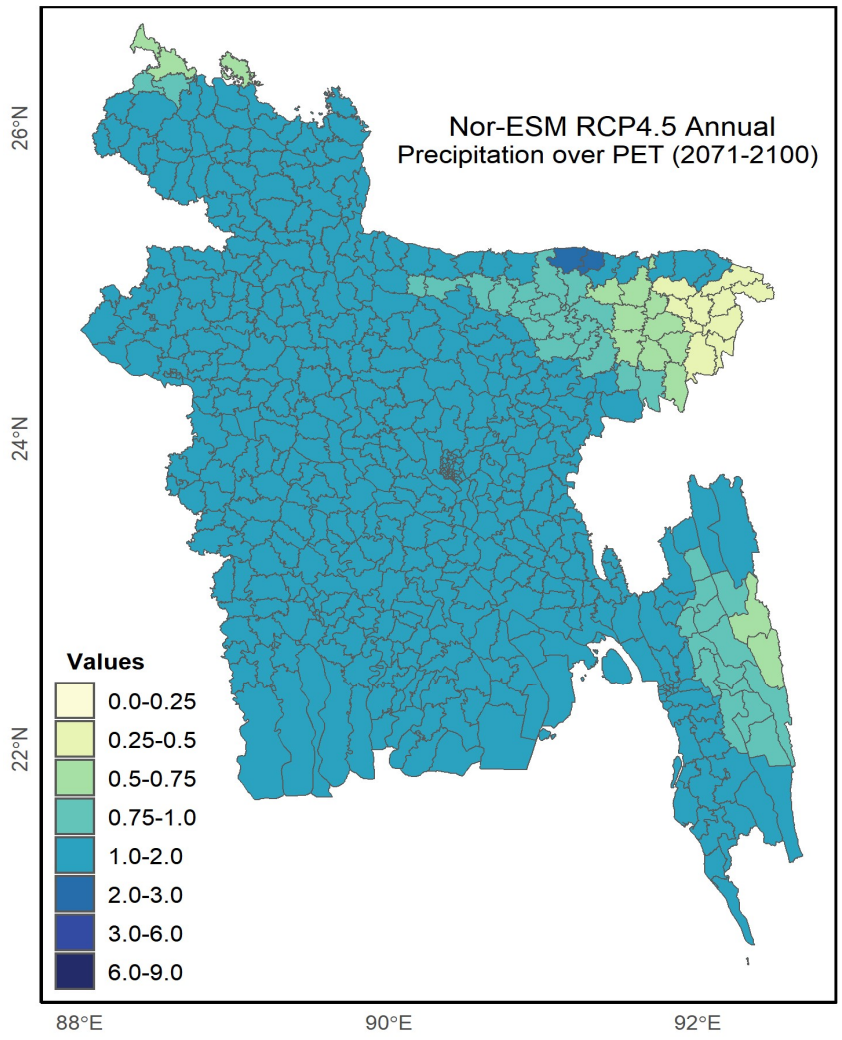


Fig.9.27: Projected change in ratio of precipitation (P) to potential evapotranspiration (PET) under RCP4.5 for Annual during the last-century (2071-2100).

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Table: 3.1 Different natural vulnerable index for cyclone, flash flood, cold wave, heat wave, salinity intrusion, storm surge, riverine flood, one-day maximum rainfall.
(Here 0=No risk, 1=Very low, 2=low, 3=Moderate, 4=High, 5=Very high)

Dist. Name	Upz. Name	Cyclone	Flash Flood	Cold Wave	Heat Wave	Salinity Intrusion	Storm Surge	riverine Flood	Max. Rain CRU	Max. Rain APhr.	Max. Rain Obs.
Bagerhat	Bagerhat Sadar	3	5	2	2	4	5	4	1	2	4
	Chitalmari	4	1	2	2	4	0	3	1	2	4
	Fakirhat	3	1	2	2	4	0	3	1	2	4
	Kachua	3	5	1	3	3	5	5	5	2	4
	Mongla	3	1	2	2	3	2	1	1	2	4
	Mollahat	4	2	2	2	3	0	3	4	2	4
	Morrelganj	3	0	2	2	3	0	3	1	2	4
	Rampal	3	5	2	3	2	5	5	1	2	4
	Sarankhola	3	1	2	3	2	2	3	1	2	4
Bandarban	Alikadam	5	1	1	1	0	2	0	4	1	1
	Bandarban Sad	5	0	2	1	0	2	0	3	1	1
	Lama	5	0	2	1	0	2	0	2	1	1
	Naikhongchhari	5	0	2	1	0	2	0	3	1	1
	Rowangchhari	5	0	2	1	0	2	0	1	1	1
	Ruma	5	0	2	1	0	2	0	3	1	1
	Thanchi	4	0	2	1	0	2	0	4	1	1
Barguna	Amtali	4	5	2	2	5	2	5	3	4	4
	Bamna	4	4	1	1	4	2	4	1	2	4
	Barguna Sadar	4	1	1	1	4	2	3	4	2	4
	Betagi	3	0	2	2	4	2	3	1	2	4
	Patharghata	3	1	2	2	4	0	3	1	4	4
	Taltoli	4	5	2	2	5	2	5	5	2	4
Barisal	Agailjhara	2	0	2	1	4	2	1	1	1	4
	Babuganj	2	1	2	2	4	0	1	1	1	4
	Bakerganj	2	5	2	1	3	5	4	1	1	4
	Banari Para	2	2	2	1	3	2	5	1	1	4
	Barisal Sadar	3	1	2	1	3	2	3	1	1	4
	Gaurnadi	2	1	2	2	3	2	3	2	1	4
	Hizla	3	0	2	1	3	0	3	4	1	4
	Mehendiganj	2	0	2	2	3	0	1	1	1	4
	Muladi	2	0	2	2	3	0	1	2	1	4
	Wazirpur	2	0	2	2	3	0	0	1	1	4
Bhola	Bhola Sadar	4	1	2	1	4	0	4	1	5	5
	Burhanuddin	3	1	2	1	4	0	4	3	5	5
	Char Fasson	5	5	1	1	3	5	5	1	5	5
	Daulatkhan	3	5	2	1	3	5	5	1	5	5
	Lalmohan	3	5	2	1	3	2	5	1	5	5
	Manpura	3	5	2	1	3	0	4	3	5	5
	Tazumuddin	3	1	2	1	3	0	3	1	5	5
Bogra	Adamdighi	0	5	3	3	0	2	5	1	1	1
	Bogra Sadar	0	1	3	4	0	2	3	2	1	1
	Dhunat	0	1	3	4	0	2	3	1	1	1
	Dhupchanchia	0	1	3	4	0	2	3	2	1	1
	Gabtali	0	1	3	4	0	2	3	1	1	1
	Kahaloo	0	1	3	3	0	2	3	2	1	1
	Nandigram	0	1	3	3	0	2	3	3	1	1
	Sariakandi	0	1	3	3	0	2	3	1	1	1
	Shajahanpur	0	1	3	3	0	2	3	3	1	1
	Sherpur	0	0	3	3	0	2	3	1	1	1
	Shibganj	0	0	3	3	0	2	3	1	1	1
	Sonatola	0	0	3	3	0	2	3	3	1	1
Brahamanbaria	Akhaura	0	5	2	2	0	2	5	1	1	3
	Ashuganj	0	5	2	1	0	2	5	1	1	3
	Banchharampu	0	2	3	2	0	2	5	1	1	3
	Bijoynagar	0	2	2	2	0	2	4	5	1	3
	Brahmanbaria S	0	1	2	2	0	2	4	3	1	3
	Kasba	0	1	2	1	0	2	3	2	1	3
	Nabinagar	0	1	2	1	0	2	3	1	1	3
	Nasirnagar	0	0	2	2	0	2	3	3	1	3
	Sarail	0	5	2	2	0	2	5	1	1	3
ChapNawabganj	Bholahat	0	1	4	5	0	2	3	1	1	1
	Nawabganj Sad	0	1	4	5	0	2	3	5	1	1
	Gomastapur	0	1	4	4	0	2	3	3	1	1
	Nachole	0	0	4	4	0	2	3	1	1	1

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	Shibganj	0	0	4	4	0	2	1	1	1	1
Chandpur	Chandpur Sada	2	5	2	1	3	5	4	2	1	3
	Faridganj	2	0	1	1	3	0	0	3	1	3
	Haim Char	2	1	1	1	2	5	4	2	1	3
	Hajiganj	2	0	1	1	2	0	1	3	1	3
	Kachua	2	0	1	1	2	0	0	2	1	3
	Matlab Dakshin	2	1	1	1	1	0	3	1	1	3
	Matlab Uttar	2	0	2	1	1	0	1	1	1	3
	Shahrasti	2	0	2	1	1	0	0	1	1	3
Chittagong	Anowara	4	1	1	1	2	0	3	3	4	3
	Banshkhali	5	0	2	1	2	0	1	2	4	3
	Boalkhali	5	0	2	1	2	0	1	1	4	3
	Chandanaish	5	0	2	1	2	0	0	1	4	3
	Fatikchhari	5	0	2	1	2	0	0	1	4	3
	Hathazari	5	0	1	1	2	0	0	1	4	4
	Lohagara	5	0	1	1	2	0	0	1	4	4
	Mirsharai	4	0	2	1	2	0	0	4	4	4
	Patiya	4	0	2	1	2	0	0	1	4	4
	Rangunia	5	1	1	2	1	5	1	1	4	4
	Raozan	5	1	1	1	1	0	1	1	4	3
	Sandwip	5	0	2	2	1	0	0	1	4	5
	Satkania	5	0	2	1	1	0	0	1	4	3
	Sitakunda	5	0	1	1	1	0	0	1	4	3
Chuadanga	Alamdanga	2	0	5	5	0	2	0	1	1	3
	Chuadanga Sad	2	0	5	5	0	2	0	1	1	3
	Damurhuda	2	0	5	5	0	2	0	1	1	3
	Jiban Nagar	2	0	4	5	0	2	0	5	1	3
Comilla	Barura	0	1	2	2	0	2	4	5	2	3
	Brahman Para	0	1	2	1	0	2	3	1	2	3
	Burichang	0	1	2	1	0	2	3	1	2	3
	Chandina	3	1	2	1	0	2	1	2	2	3
	Chauddagram	2	1	2	1	0	2	1	5	2	3
	Comilla Sadar	2	1	2	1	0	2	1	3	2	3
	Daudkandi	2	1	2	1	0	2	1	2	2	3
	Debidwar	2	1	2	1	0	2	1	4	2	3
	Homna	0	0	2	2	0	2	3	1	2	3
	Laksam	2	0	2	1	0	2	1	3	2	3
	Meghna	2	0	2	1	0	2	1	1	2	3
	Manoharganj	2	0	2	1	0	2	1	1	2	3
	Muradnagar	2	0	2	1	0	2	1	3	2	3
	Nangalkot	2	0	2	1	0	2	1	1	2	3
	Comilla Sadar	0	0	2	1	0	2	1	3	2	3
	Titas	0	0	2	1	0	2	1	1	2	3
Cox'S Bazar	Chakaria	5	1	2	1	5	0	0	2	4	4
	Cox'S Baz Sada	5	5	1	1	4	2	1	1	4	4
	Kutubdia	5	2	2	1	4	2	1	1	4	4
	Maheshkhali	5	1	1	1	4	0	0	1	4	4
	Pekua	5	1	2	1	3	2	1	1	4	4
	Ramu	5	5	2	1	2	5	4	2	4	4
	Teknaf	5	5	2	1	1	5	3	3	4	4
	Ukhia	5	5	2	1	1	2	3	4	4	4
Dhaka	Dhamrai	0	5	2	2	0	2	5	1	1	2
	Dohar	0	4	2	3	0	2	5	1	1	2
	Keraniganj	0	1	2	2	0	2	3	1	1	2
	Nawabganj	0	1	2	2	0	2	3	1	1	2
	Savar	0	0	2	3	0	2	1	1	1	2
Dinajpur	Birampur	0	2	4	3	0	2	1	1	2	4
	Birganj	0	1	4	3	0	2	3	3	2	4
	Biral	0	1	4	3	0	2	2	1	2	4
	Bochaganj	0	1	4	3	0	2	2	1	2	4
	Chirirbandar	0	1	4	3	0	2	2	1	2	4
	Dinajpur Sadar	0	1	4	3	0	2	2	2	2	4
	Fulbari	0	1	3	3	0	2	2	1	2	4
	Ghoraghat	0	1	4	3	0	2	1	3	2	4
	Hakimpur	0	1	4	3	0	2	1	4	2	4
	Kaharole	0	1	4	3	0	2	1	2	2	4
	Khansama	0	0	4	3	0	2	3	1	2	4
	Nawabganj	0	0	3	3	0	2	3	2	2	4
	Parbatipur	0	0	3	3	0	2	2	2	2	4
Faridpur	Alfadanga	2	5	2	3	2	2	4	1	2	2
	Bhanga	2	4	2	3	2	2	3	1	2	2

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	Boalmari	2	1	2	3	2	2	1	1	2	2
	Char Bhadrasa	2	1	2	3	2	2	1	1	2	2
	Faridpur Sadar	2	0	2	3	2	2	1	1	2	2
	Madhukhali	2	0	2	3	2	2	1	1	2	2
	Nagarkanda	2	0	2	3	2	2	0	2	2	2
	Sadarpur	2	0	2	3	2	2	0	4	2	2
	Saltha	2	5	2	3	2	2	4	1	2	2
Feni	Chhagalnaiya	3	1	2	1	2	0	1	1	2	3
	Daganbhuiyan	3	1	2	1	2	0	1	1	2	3
	Feni Sadar	3	0	2	1	2	0	2	1	2	3
	Fulgazi	3	0	2	1	2	0	1	1	2	3
	Parshuram	3	1	2	1	1	0	1	3	2	3
	Sonagazi	3	1	2	1	1	0	1	1	2	3
Gaibandha	Gaibandha Sada	0	5	3	3	0	2	5	1	1	1
	Gobindaganj	0	1	3	3	0	2	3	1	1	1
	Palashbari	0	0	3	3	0	2	3	1	1	1
	Fulchhari	0	0	3	3	0	2	3	1	1	1
	Sadullapur	0	0	3	3	0	2	3	2	1	1
	Saghatta	0	0	3	3	0	2	3	3	1	1
	Sundarganj	0	0	3	3	0	2	3	1	1	1
Gazipur	Gazipur Sadar	0	1	2	2	0	2	3	1	1	2
	Kaliganj	0	1	2	2	0	2	2	1	1	2
	Kaliakair	0	1	2	2	0	2	1	1	1	2
	Kapasia	0	1	2	2	0	2	1	1	1	2
	Sreepur	0	0	2	2	0	2	1	2	1	2
Gopalganj	Gopalganj Sada	2	1	2	2	3	2	1	1	1	1
	Kashiani	2	0	2	2	3	2	0	1	1	1
	Kotali Para	2	1	2	3	2	2	1	1	1	1
	Muksudpur	2	0	2	3	2	2	0	1	1	1
	Tungi Para	2	0	2	3	2	2	0	1	1	1
Habiganj	Ajmiriganj	0	5	3	2	0	2	5	3	1	1
	Bahubal	0	5	3	2	0	2	5	2	1	1
	Baniachong	0	5	3	2	0	2	5	4	1	1
	Chunarughat	0	5	3	2	0	2	3	1	1	1
	Habiganj Sadar	0	4	4	2	0	2	3	1	1	1
	Lakhai	0	2	5	2	0	2	1	1	1	1
	Madhabpur	0	0	3	2	0	2	1	1	1	1
	Nabiganj	0	0	4	2	0	2	0	1	1	1
Jamalpur	Bakshiganj	0	1	3	3	0	2	5	4	1	1
	Dewanganj	0	1	3	3	0	2	4	3	1	2
	Islampur	0	1	3	3	0	2	4	1	1	2
	Jamalpur Sadar	0	1	3	3	0	2	3	1	1	2
	Madarganj	0	1	3	3	0	2	3	4	1	2
	Melandaha	0	1	3	3	0	2	3	1	1	2
	Sharishabari	0	0	3	3	0	2	3	4	1	2
Jessore	Abhaynagar	3	1	3	3	2	0	1	1	1	1
	Bagher Para	3	0	3	4	2	0	1	1	1	1
	Chaugachha	3	0	3	4	2	0	0	3	1	1
	Sadar	3	0	3	4	1	2	1	1	1	1
	Jhikargachha	3	0	3	5	1	0	1	4	1	1
	Keshabpur	2	0	3	4	1	0	1	3	1	1
	Manirampur	3	0	3	5	1	0	0	1	1	1
	Sharsha	3	0	3	4	1	0	0	1	1	1
Jhalokati	Jhalokati Sadar	3	1	2	2	4	0	3	1	1	3
	Kanthalia	3	1	2	2	4	0	3	2	1	3
	Nalchity	3	0	2	2	4	0	1	1	1	3
	Rajapur	3	0	2	2	4	0	1	1	1	3
Jhenaidah	Harinakunda	2	1	3	4	0	2	0	5	1	0
	Jhenaidah Sada	3	0	3	5	0	2	0	1	1	0
	Kaliganj	2	0	4	5	0	2	0	3	1	0
	Kotchandpur	2	0	4	5	0	2	0	2	1	0
	Maheshpur	2	0	3	4	0	2	0	2	1	0
	Shailkupa	2	0	3	4	0	2	0	1	1	0
Joypurhat	Akkelpur	0	1	3	4	0	2	3	1	1	2
	Joypurhat Sada	0	1	3	3	0	2	3	1	1	2
	Kalai	0	1	3	3	0	2	3	1	1	2
	Khetlal	0	0	3	3	0	2	2	3	1	2
	Panchbibi	0	0	3	3	0	2	2	1	1	2
Khagrachhari	Dighinala	4	0	2	1	0	2	0	1	3	1
	Khagrachhari Sa	4	0	2	1	0	2	0	2	3	1
	Lakshmichhari	4	0	2	1	0	2	0	2	3	1
	Mahalchhari	4	0	2	1	0	2	0	2	3	1

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	Manikchhari	4	0	2	1	0	2	0	1	3	1
	Matiranga	3	0	2	1	0	2	0	2	3	1
	Panchhari	3	0	2	1	0	2	0	1	3	1
	Ramgarh	3	0	2	1	0	2	0	1	3	1
Khulna	Batiaghata	4	5	2	3	3	5	5	1	2	3
	Dacope	4	5	2	3	3	5	5	1	2	3
	Dighalia	4	5	1	3	3	5	5	4	2	3
	Dumuria	5	5	2	3	3	2	3	1	2	3
	Koyra	4	1	1	3	3	2	3	1	2	3
	Phultala	3	4	2	3	2	2	5	1	2	3
	Paikgachha	3	2	2	3	2	2	5	1	2	3
	Rupsa	3	1	2	3	2	2	3	2	2	3
	Terokhada	3	1	2	3	2	2	3	4	2	3
Kishoreganj	Austagram	0	5	3	2	0	2	5	2	4	1
	Bajitpur	0	5	3	2	0	2	5	2	4	1
	Bhairab	0	5	3	2	0	2	5	1	2	1
	Hossainpur	0	5	3	2	0	2	5	1	2	1
	Itna	0	5	2	2	0	2	5	4	4	1
	Karimganj	0	5	2	2	0	2	5	3	4	1
	Katiadi	0	5	2	2	0	2	5	4	4	1
	Kishoreganj Sa	0	1	3	2	0	2	3	1	2	1
	Kuliar Char	0	1	2	2	0	2	3	2	4	1
	Mithamain	0	1	2	2	0	2	3	1	2	1
	Nikli	0	1	2	2	0	2	2	1	2	1
	Pakundia	0	1	2	2	0	2	1	4	4	1
	Tarail	0	0	2	2	0	2	1	1	2	1
Kurigram	Bhurungamari	0	5	3	3	0	2	5	5	1	2
	Char Rajibpur	0	5	3	3	0	2	5	1	1	2
	Chilmari	0	1	3	3	0	2	5	1	1	2
	Kurigram Sadar	0	0	3	3	0	2	3	2	1	2
	Nageshwari	0	0	3	3	0	2	3	1	1	2
	Phulbari	0	0	3	3	0	2	3	1	1	2
	Rajarhat	0	0	3	3	0	2	1	2	1	2
	Raumari	0	0	3	3	0	2	1	1	1	2
	Ulipur	0	0	3	3	0	2	1	1	1	2
Kushtia	Bheramara	2	1	4	4	0	2	1	3	1	1
	Daulatpur	2	0	5	5	0	2	1	3	1	1
	Khoksa	2	0	5	5	0	2	1	1	1	1
	Kumarkhali	2	0	4	5	0	2	1	1	1	1
	Kushtia Sadar	2	0	3	4	0	2	1	2	1	1
	Mirpur	2	0	4	5	0	2	0	2	1	1
Lakshmipur	Kamalnagar	3	1	2	1	4	2	3	1	2	4
	Lakshmipur Sa	3	1	2	1	4	0	1	1	2	4
	Roypur	3	5	2	1	3	5	5	1	2	4
	Ramganj	2	1	2	1	3	0	1	1	2	4
	Ramgati	2	0	2	1	3	0	1	2	2	4
Lalmonirhat	Aditmari	0	2	3	3	0	2	1	2	2	0
	Hatibandha	0	1	4	3	0	2	1	1	2	0
	Kaliganj	0	1	3	3	0	2	1	3	2	0
	Lalmonirhat Sa	0	1	3	2	0	2	1	1	2	0
	Patgram	0	1	3	2	0	2	1	1	2	0
Madaripur	Kalkini	2	1	2	2	3	2	1	1	2	1
	Madaripur Sad	2	1	2	2	2	2	3	4	2	1
	Rajoir	2	0	2	2	2	2	1	1	2	1
	Shib Char	2	0	2	2	2	2	1	1	2	1
Magura	Magura Sadar	2	1	3	4	1	2	1	1	2	1
	Mohammadpur	2	1	3	4	1	2	0	2	2	1
	Shalikha	2	1	3	3	1	2	0	1	2	1
	Sreepur	2	0	3	4	1	2	1	1	2	1
Manikganj	Daulatpur	2	5	2	3	0	2	4	4	2	1
	Ghior	0	5	3	3	0	2	4	1	2	1
	Harirampur	0	5	2	3	0	2	4	2	2	1
	Manikganj Sad	0	0	2	3	0	2	3	1	2	1
	Saturia	0	0	3	3	0	2	1	1	2	1
	Shibalaya	0	0	2	3	0	2	1	2	2	1
	Singair	0	0	2	3	0	2	1	1	2	1
Maulvibazar	Barlekha	0	4	3	2	0	2	1	2	4	4
	Juri	0	2	3	1	0	2	1	3	4	4
	Kamalganj	0	1	4	2	0	2	3	1	4	4
	Kulaura	0	1	5	2	0	2	0	1	4	4
	Maulvi Bazar S	0	1	3	2	0	2	0	2	4	4
	Rajnagar	0	1	3	2	0	2	0	1	4	4

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	Sreemangal	0	0	5	2	0	2	0	5	4	4
Meherpur	Gangni	2	0	5	5	0	2	0	1	2	3
	Meherpur Sada	2	0	5	5	0	2	0	1	2	3
	Mujib Nagar	2	0	5	5	0	2	0	1	2	3
Munshiganj	Gazaria	2	4	2	2	0	2	3	1	2	2
	Lohajang	0	1	2	2	0	2	4	1	2	2
	Munshiganj Sad	2	1	2	2	0	2	3	1	2	2
	Serajdikhan	0	1	2	2	0	2	1	1	2	2
	Sreenagar	0	1	2	2	0	2	1	2	2	2
	Tongibari	0	0	2	2	0	2	1	1	2	2
Mymensingh	Bhaluka	0	5	3	2	0	2	5	1	2	4
	Dhobaura	0	5	3	2	0	2	4	1	2	4
	Fulbaria	0	4	3	2	0	2	3	1	2	4
	Gaffargaon	0	1	3	1	0	2	3	5	3	4
	Gauripur	0	1	3	2	0	2	3	2	3	4
	Haluaghat	0	1	3	1	0	2	3	2	3	4
	Ishwarganj	0	1	3	2	0	2	2	1	2	4
	Muktagachha	0	1	3	2	0	2	1	1	2	4
	Mymensingh Sa	0	1	3	2	0	2	1	1	3	4
	Nandail	0	0	3	1	0	2	3	1	3	4
	Phulpur	0	0	2	2	0	2	2	1	2	4
	Tarakanda	0	0	3	2	0	2	1	3	3	4
	Trishal	0	5	3	2	0	2	5	2	3	4
Naogaon	Atrai	0	5	4	4	0	2	4	1	2	0
	Badalgachhi	0	4	4	4	0	2	5	1	2	0
	Dhamoirhat	0	1	4	4	0	2	4	3	2	0
	Manda	0	1	3	4	0	2	4	2	2	0
	Mahadebpur	0	1	4	4	0	2	3	2	2	0
	Naogaon Sadar	0	1	4	4	0	2	3	1	2	0
	Niamatpur	0	1	4	3	0	2	3	3	2	0
	Patnitala	0	1	4	5	0	2	3	1	2	0
	Porsha	0	1	4	4	0	2	2	1	2	0
	Raninagar	0	0	4	4	0	2	3	1	2	0
	Sapahar	0	0	3	4	0	2	1	1	2	0
Narail	Kalia	2	1	2	3	2	0	1	2	2	0
	Lohagara	2	1	2	3	2	0	1	1	2	0
	Narail Sadar	2	0	3	3	1	0	0	1	2	0
Narayanganj	Araihazar	0	4	2	2	0	2	3	1	2	0
	Bandar	0	1	2	2	0	2	3	3	2	2
	Narayanganj Sa	0	1	2	2	0	2	3	1	2	2
	Rupganj	0	1	2	2	0	2	3	3	2	2
	Sonargaon	0	0	2	2	0	2	3	3	2	2
Narsingdi	Belabo	0	2	2	2	0	2	4	2	2	2
	Manohardi	0	2	2	2	0	2	4	1	2	2
	Narsingdi Sada	0	1	2	2	0	2	1	1	2	2
	Palash	0	1	2	2	0	2	1	3	2	2
	Roypura	0	0	2	2	0	2	1	2	2	2
	Shibpur	0	0	2	2	0	2	0	1	2	2
Natore	Bagati Para	0	4	4	4	0	2	4	1	2	0
	Baraigram	2	0	5	5	0	2	1	2	4	0
	Gurudaspur	0	0	4	5	0	2	1	1	2	0
	Lalpur	0	0	4	5	0	2	1	3	4	0
	Naldanga	2	0	5	5	0	2	0	4	2	0
	Natore Sadar	2	0	5	5	0	2	0	1	2	0
	Singra	0	4	4	4	0	2	4	2	2	0
Netrakona	Atpara	0	5	3	2	0	2	5	3	1	2
	Barhatta	0	5	3	2	0	2	5	1	1	2
	Durgapur	0	5	3	2	0	2	5	1	1	2
	Kalmakanda	0	5	3	2	0	2	5	3	1	2
	Kendua	0	5	3	2	0	2	5	3	1	2
	Khaliajuri	0	5	3	2	0	2	5	3	1	2
	Madan	0	5	3	2	0	2	5	1	1	2
	Mohanganj	0	5	3	2	0	2	4	2	1	2
	Netrokona Sad	0	5	3	2	0	2	3	3	1	2
	Purbadhala	0	1	3	2	0	2	3	2	1	2
Nilphamari	Dimla	0	5	4	3	0	2	1	1	1	1
	Domar	0	5	3	3	0	2	1	3	1	1
	Jaldhaka	0	1	4	3	0	2	1	1	1	1
	Kishoreganj	0	1	4	3	0	2	1	2	1	1
	Nilphamari Sad	0	0	4	3	0	2	1	2	1	1
	Saidpur	0	0	4	3	0	2	1	3	1	1
Noakhali	Begumganj	3	5	2	1	3	4	3	1	1	5

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	Chatkhil	5	5	1	1	3	2	4	1	1	5
	Companiganj	3	4	1	1	3	0	3	1	1	5
	Hatiya	3	1	2	1	3	0	3	2	1	5
	Kabirhat	3	1	1	1	3	0	3	1	1	5
	Noakhali Sadar	3	1	1	1	3	0	3	2	1	5
	Senbagh	3	1	2	1	3	0	2	3	1	5
	Sonaimuri	2	1	2	1	3	0	1	1	1	5
	Subarnachar	3	1	2	1	2	0	2	1	1	5
Pabna	Atgharia	2	5	3	4	0	2	3	1	2	0
	Bera	2	4	3	4	0	2	4	1	2	0
	Bhangura	2	1	3	4	0	2	3	1	2	0
	Chatmohar	0	1	3	3	0	2	3	3	2	0
	Faridpur	2	1	4	5	0	2	1	2	2	0
	Ishwardi	2	1	4	4	0	2	1	1	2	0
	Pabna Sadar	2	1	3	4	0	2	1	4	2	0
	Santhia	2	0	5	5	0	2	1	1	2	0
	Sujanagar	2	0	4	4	0	2	1	1	2	0
Panchagarh	Atwari	0	4	4	3	0	2	1	3	1	2
	Boda	0	1	4	3	0	2	1	4	1	2
	Debiganj	0	1	4	3	0	2	1	1	1	2
	Panchagarh Sa	0	0	4	3	0	2	1	3	1	2
	Tentulia	0	0	4	3	0	2	1	1	1	2
Patuakhali	Bauphal	4	5	1	1	5	5	5	2	1	3
	Dashmina	3	1	1	2	4	2	3	1	1	3
	Dumki	3	5	1	1	3	5	5	2	1	3
	Galachipa	3	1	1	1	3	2	4	3	1	3
	Kala Para	3	1	1	2	3	2	3	1	1	3
	Mirzaganj	3	4	2	1	3	0	4	2	1	3
	Patuakhali Sad	3	1	1	2	3	0	3	1	1	3
	Rangabali	4	5	1	1	5	5	5	1	1	3
Pirojpur	Bhandaria	3	1	2	2	4	2	2	1	1	3
	Zianagar	3	1	2	2	4	0	3	2	1	3
	Kawkhali	3	1	2	2	4	0	3	1	1	3
	Mathbaria	3	1	2	2	4	0	3	1	1	3
	Nazirpur	3	0	2	2	4	0	1	2	1	3
	Nesarabad	2	0	2	2	4	0	1	1	1	3
	Pirojpur Sadar	2	0	2	2	3	0	1	1	1	3
	Bhandaria	3	1	2	2	4	2	2	1	1	3
Rajbari	Balia Kandi	2	1	2	3	0	2	3	2	1	2
	Goalandaghat	2	1	3	4	0	2	1	1	1	2
	Kalukhali	2	1	2	3	0	2	1	2	1	2
	Pangsha	2	1	3	3	0	2	0	3	1	2
	Rajbari Sadar	2	1	2	3	0	2	3	1	1	2
Rajshahi	Bagha	0	1	5	5	0	2	3	1	1	1
	Baghmara	0	1	5	5	0	2	3	2	1	1
	Charghat	0	1	4	5	0	2	3	1	1	1
	Durgapur	0	1	4	5	0	2	3	5	1	1
	Godagari	0	1	4	5	0	2	3	1	1	1
	Mohanpur	0	1	4	5	0	2	3	1	1	1
	Paba	0	1	5	5	0	2	1	1	1	1
	Puthia	0	1	5	5	0	2	1	3	1	1
	Tanore	0	0	5	5	0	2	2	3	1	1
Rangamati	Baghai Chhari	4	1	2	2	0	2	1	1	3	3
	Barkal	4	0	2	2	0	2	0	1	3	3
	Belai Chhari	4	0	2	2	0	2	0	2	3	3
	Jurai Chhari	4	0	2	2	0	2	0	2	3	3
	Kaptai	4	0	2	2	0	2	0	1	3	3
	Kawkhali	4	0	2	2	0	2	0	2	3	3
	Langadu	4	0	2	1	0	2	0	2	3	3
	Naniarchar	4	0	2	2	0	2	0	1	3	3
	Rajasthali	4	0	2	1	0	2	0	2	3	3
	Rangamati Sad	3	0	2	1	0	2	0	5	3	5
Rangpur	Badarganj	0	5	4	3	0	2	1	1	1	0
	Gangachara	0	5	3	2	0	2	1	5	1	0
	Kaunia	0	1	4	3	0	2	2	1	1	0
	Mitha Pukur	0	1	3	2	0	2	2	1	1	0
	Pirgachha	0	0	3	3	0	2	3	1	1	0
	Pirganj	0	0	3	2	0	2	3	1	1	0
	Rangpur Sadar	0	0	3	2	0	2	2	1	1	0

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	Taraganj	0	0	3	2	0	2	2	1	1	0
Satkhira	Assasuni	5	5	2	3	4	5	5	1	1	4
	Debhata	5	4	2	3	4	5	5	1	1	4
	Kalaroa	5	4	2	3	4	2	4	2	1	4
	Kaliganj	4	5	3	3	3	5	5	1	1	4
	Satkhira Sadar	4	5	2	3	3	5	5	2	1	4
	Shyamnagar	4	0	3	4	3	2	3	1	1	4
	Tala	3	1	2	3	2	0	3	5	1	4
Shariatpur	Bhedarganj	2	5	2	2	2	2	4	1	1	4
	Damudya	2	0	2	2	2	2	1	1	1	4
	Gosairhat	2	0	2	2	2	2	1	1	1	4
	Naria	2	0	2	1	2	2	1	1	1	4
	Shariatpur Sad	2	0	2	2	2	2	0	1	1	4
	Zanjira	2	5	2	2	1	2	3	1	1	4
Sherpur	Jhenaigati	0	1	3	3	0	2	3	1	1	0
	Nakla	0	1	3	3	0	2	3	3	1	0
	Nalitabari	0	1	3	2	0	2	3	2	1	0
	Sherpur Sadar	0	1	3	2	0	2	3	1	1	0
	Sreebardi	0	1	3	3	0	2	3	1	1	0
Sirajganj	Belkuchi	0	5	3	3	0	2	5	2	1	0
	Chauhali	0	5	3	3	0	2	5	3	1	0
	Kamarkhanda	0	5	3	3	0	2	5	2	1	0
	Kazipur	0	5	3	3	0	2	5	2	1	0
	Royganj	0	1	3	4	0	2	4	3	1	0
	Shahjadpur	0	1	3	4	0	2	4	1	1	0
	Sirajganj Sadar	0	1	3	3	0	2	4	1	1	0
	Tarash	0	1	3	4	0	2	3	3	1	0
	Ullah Para	0	0	3	3	0	2	3	1	1	0
Sunamganj	Bishwambarpur	0	5	3	2	0	2	5	3	5	3
	Chhatak	0	5	3	2	0	2	5	5	5	3
	Derai	0	5	3	2	0	2	5	2	5	3
	Dharampasha	0	5	3	2	0	2	5	1	5	3
	Dowarabazar	0	5	3	2	0	2	5	2	5	3
	Jagannathpur	0	5	3	2	0	2	5	2	5	3
	Jamalganj	0	5	3	2	0	2	5	1	5	3
	Dak.Sunamganj	0	5	3	2	0	2	5	1	5	3
	Sulla	0	5	3	2	0	2	5	2	5	3
	Sunamganj Sad	0	5	2	2	0	2	5	4	5	3
	Tahirpur	0	5	2	2	0	2	5	1	5	3
Sylhet	Balaganj	0	5	2	1	0	2	5	2	5	3
	Beani Bazar	0	5	2	1	0	2	5	1	5	3
	Bishwanath	0	5	2	1	0	2	5	3	5	3
	Companiganj	0	5	2	1	0	2	5	1	5	3
	Dakshin Surma	0	5	3	2	0	2	4	4	5	3
	Fenchuganj	0	5	2	1	0	2	4	1	5	3
	Jaintiapur	0	5	2	1	0	2	3	3	5	3
	Golabganj	0	5	2	1	0	2	3	1	5	3
	Gowainghat	0	5	2	1	0	2	3	1	5	3
	Kanaighat	0	5	2	1	0	2	3	1	5	3
	Sylhet Sadar	0	5	2	1	0	2	3	1	5	3
	Zakiganj	0	4	2	1	0	2	3	5	5	3
Tangail	Basail	0	5	3	3	0	2	5	3	1	0
	Bhuapur	0	4	3	3	0	2	4	2	1	0
	Delduar	0	4	3	3	0	2	3	3	1	0
	Dhanbari	0	4	3	3	0	2	1	5	1	0
	Ghatail	0	1	3	3	0	2	3	1	1	0
	Gopalpur	0	1	3	3	0	2	3	4	1	0
	Kalihati	0	1	3	3	0	2	3	1	1	0
	Mirzapur	0	1	3	3	0	2	2	2	1	0
	Madhupur	0	1	3	3	0	2	1	1	1	0
	Nagarpur	0	1	3	2	0	2	1	2	1	0
	Sakhipur	0	1	3	3	0	2	1	1	1	0
	Tangail Sadar	0	1	3	3	0	2	1	1	1	0
Thakurgaon	Baliadangi	0	1	4	3	0	2	1	1	1	0
	Haripur	0	1	4	3	0	2	1	1	1	0
	Pirganj	0	1	4	3	0	2	1	2	1	0
	Ranisankail	0	1	4	3	0	2	1	1	1	0
	Thakurgaon Sad	0	0	4	3	0	2	1	3	1	0

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Table 6.1: Projected maximum temperature change for 487 upazilas in Bangladesh under RCP4.5 scenarios for the year 2030.

Dist. Name	Upz. Name	Jan(°C)	Feb(°C)	Mar(°C)	Apr(°C)	May(°C)	Jun(°C)	Jul(°C)	Aug(°C)	Sep(°C)	Oct(°C)	Nov(°C)	Dec(°C)	Ann(°C)	Winter	Pre-mon	Mon	Post-mon
Bagerhat	Bagerhat Sadar	1.2	1.6	1.5	1.4	0.9	1.4	1.2	0.9	1.0	0.9	1.3	1.1	1.2	1.3	1.3	1.1	1.1
	Chitalmari	1.3	1.7	1.5	1.4	1.0	1.4	1.2	0.9	1.1	0.9	1.3	1.1	1.2	1.3	1.3	1.2	1.1
	Fakirhat	1.3	1.6	1.5	1.4	1.0	1.4	1.2	0.9	1.0	0.9	1.3	1.1	1.2	1.3	1.3	1.2	1.1
	Kachua	1.2	1.6	1.5	1.3	0.9	1.4	1.2	0.9	1.1	0.9	1.3	1.1	1.2	1.3	1.2	1.1	1.1
	Mongla	1.0	1.2	1.3	1.3	0.5	1.1	1.0	0.8	0.9	0.9	1.2	1.1	1.0	1.1	1.0	0.9	1.0
	Mollahat	1.3	1.7	1.6	1.4	1.1	1.5	1.3	0.9	1.1	0.9	1.3	1.1	1.3	1.4	1.4	1.2	1.1
	Morrelganj	1.2	1.5	1.4	1.3	0.8	1.3	1.1	0.9	1.0	0.9	1.2	1.1	1.1	1.2	1.2	1.1	1.1
	Rampal	1.2	1.5	1.5	1.4	0.9	1.3	1.2	0.9	1.0	0.9	1.3	1.1	1.2	1.3	1.3	1.1	1.1
	Sarankhola	1.0	1.2	1.3	1.2	0.4	1.1	1.0	0.8	0.9	0.9	1.2	1.1	1.0	1.1	1.0	0.9	1.0
Bandarban	Alikadam	0.9	1.5	1.4	0.8	0.8	1.2	1.0	0.7	1.2	0.9	1.3	1.5	1.1	1.3	1.0	1.0	1.1
	Bandarban Sad	1.0	1.6	1.5	0.9	0.9	1.2	1.0	0.7	1.2	0.9	1.2	1.3	1.1	1.3	1.1	1.0	1.1
	Lama	0.9	1.5	1.4	0.9	0.7	1.1	1.0	0.7	1.2	0.9	1.3	1.4	1.1	1.3	1.0	1.0	1.1
	Naikhongchhar	0.9	1.4	1.4	0.8	0.7	1.2	1.0	0.7	1.2	0.9	1.3	1.5	1.1	1.3	1.0	1.0	1.1
	Rowangchhari	1.0	1.6	1.5	0.9	1.0	1.2	1.0	0.7	1.2	0.9	1.3	1.3	1.1	1.3	1.1	1.0	1.1
	Ruma	0.9	1.6	1.5	0.9	0.9	1.2	1.0	0.7	1.3	0.9	1.3	1.4	1.1	1.3	1.1	1.0	1.1
	Thanchi	0.9	1.5	1.4	0.8	0.8	1.2	1.0	0.7	1.3	0.9	1.4	1.5	1.1	1.3	1.0	1.0	1.2
Barguna	Amtali	0.9	1.5	1.4	0.8	0.8	1.2	1.0	0.7	1.2	0.9	1.3	1.5	1.1	1.1	1.0	1.0	1.0
	Bamna	1.0	1.3	1.4	1.2	0.5	1.1	1.0	0.8	1.0	0.9	1.2	1.1	1.0	1.2	1.1	1.0	1.0
	Barguna Sadar	1.0	1.3	1.4	1.2	0.6	1.2	1.0	0.8	1.0	0.9	1.2	1.1	1.1	1.1	1.0	0.9	1.0
	Betagi	1.0	1.3	1.3	1.2	0.5	1.1	1.0	0.8	1.0	0.9	1.2	1.1	1.0	1.2	1.1	1.0	1.1
	Patharghata	1.1	1.4	1.4	1.2	0.6	1.2	1.0	0.8	1.0	0.9	1.2	1.1	1.1	1.1	1.0	0.9	1.0
	Taltoli	1.0	1.2	1.3	1.2	0.4	1.1	1.0	0.8	0.9	0.9	1.2	1.1	1.0	1.1	0.9	0.9	1.0
Barisal	Agailjhara	1.3	1.7	1.6	1.4	1.1	1.5	1.2	0.9	1.1	0.9	1.3	1.0	1.3	1.4	1.4	1.2	1.1
	Babuganj	1.3	1.7	1.6	1.3	1.0	1.5	1.2	0.9	1.1	0.9	1.2	1.1	1.2	1.3	1.3	1.2	1.1
	Bakerganj	1.1	1.5	1.5	1.2	0.8	1.3	1.1	0.8	1.1	0.9	1.2	1.1	1.1	1.3	1.2	1.1	1.0
	Banari Para	1.3	1.7	1.6	1.3	1.0	1.5	1.2	0.9	1.1	0.9	1.3	1.1	1.2	1.3	1.3	1.2	1.1
	Barisal Sadar	1.2	1.6	1.5	1.3	0.9	1.4	1.2	0.9	1.1	0.9	1.2	1.1	1.2	1.3	1.3	1.1	1.1
	Gaurnadi	1.3	1.7	1.6	1.4	1.1	1.5	1.2	0.9	1.2	0.9	1.2	1.0	1.3	1.4	1.4	1.2	1.1
	Hizla	1.3	1.7	1.6	1.3	1.1	1.5	1.2	0.9	1.2	0.9	1.2	1.0	1.2	1.3	1.4	1.2	1.0
	Mehendiganj	1.2	1.7	1.6	1.3	1.0	1.5	1.2	0.9	1.1	0.9	1.2	1.1	1.2	1.3	1.3	1.2	1.0
	Muladi	1.3	1.7	1.6	1.3	1.1	1.5	1.2	0.9	1.2	0.9	1.2	1.0	1.3	1.4	1.4	1.2	1.1
	Wazirpur	1.3	1.7	1.6	1.3	1.0	1.5	1.2	0.9	1.1	0.9	1.3	1.0	1.2	1.3	1.3	1.2	1.1
Bhola	Bhola Sadar	1.2	1.6	1.6	1.2	1.0	1.4	1.1	0.8	1.1	0.9	1.2	1.1	1.2	1.3	1.3	1.1	1.0
	Burhanuddin	1.1	1.5	1.5	1.2	0.8	1.3	1.1	0.8	1.1	0.9	1.2	1.1	1.1	1.2	1.2	1.1	1.0
	Char Fasson	0.9	1.3	1.4	1.1	0.5	1.1	1.0	0.7	1.0	0.9	1.1	1.2	1.0	1.1	1.0	1.0	1.0

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	Daulatkhan	1.1	1.6	1.5	1.2	0.9	1.4	1.1	0.8	1.1	0.9	1.2	1.1	1.2	1.3	1.2	1.1	1.0
	Lalmohan	1.0	1.4	1.4	1.1	0.7	1.3	1.0	0.8	1.1	0.9	1.2	1.1	1.1	1.2	1.1	1.0	1.0
	Manpura	1.0	1.4	1.4	1.1	0.7	1.2	1.0	0.7	1.1	0.9	1.2	1.2	1.1	1.2	1.1	1.0	1.0
	Tazumuddin	1.1	1.5	1.5	1.2	0.8	1.3	1.1	0.8	1.1	0.9	1.2	1.1	1.1	1.2	1.2	1.1	1.0
Bogra	Adamdighi	1.5	1.8	1.8	1.6	1.6	1.4	1.5	1.2	1.4	1.0	1.5	1.4	1.5	1.6	1.7	1.4	1.3
	Bogra Sadar	1.5	1.8	1.8	1.5	1.6	1.3	1.4	1.2	1.4	1.1	1.5	1.4	1.5	1.6	1.6	1.4	1.3
	Dhunat	1.5	1.9	1.8	1.5	1.5	1.4	1.4	1.2	1.4	1.1	1.5	1.4	1.5	1.6	1.6	1.4	1.3
	Dhupchanchia	1.5	1.8	1.8	1.6	1.6	1.3	1.5	1.2	1.4	1.1	1.5	1.4	1.5	1.6	1.7	1.4	1.3
	Gabtali	1.5	1.9	1.8	1.5	1.5	1.3	1.4	1.2	1.4	1.1	1.5	1.4	1.5	1.6	1.6	1.4	1.3
	Kahaloo	1.5	1.8	1.8	1.6	1.6	1.4	1.5	1.2	1.4	1.1	1.5	1.4	1.5	1.6	1.7	1.4	1.3
	Nandigram	1.5	1.9	1.8	1.6	1.6	1.4	1.5	1.2	1.4	1.0	1.5	1.4	1.5	1.6	1.7	1.4	1.3
	Sariakandi	1.5	1.9	1.8	1.5	1.5	1.3	1.4	1.2	1.4	1.1	1.5	1.4	1.5	1.6	1.6	1.4	1.3
	Shajahanpur	1.5	1.9	1.8	1.5	1.6	1.4	1.4	1.2	1.4	1.1	1.5	1.4	1.5	1.6	1.6	1.4	1.3
	Sherpur	1.5	1.9	1.8	1.6	1.6	1.4	1.4	1.2	1.4	1.1	1.5	1.3	1.5	1.6	1.6	1.4	1.3
	Shibganj	1.5	1.8	1.8	1.5	1.6	1.3	1.4	1.2	1.4	1.1	1.6	1.4	1.5	1.6	1.6	1.4	1.3
	Sonatola	1.5	1.9	1.8	1.5	1.5	1.3	1.4	1.2	1.4	1.1	1.5	1.4	1.5	1.6	1.6	1.4	1.3
Brahaman baria	Akhaura	1.3	1.9	1.9	1.4	1.5	1.5	1.3	1.0	1.3	0.9	1.2	1.2	1.4	1.5	1.6	1.3	1.1
	Ashuganj	1.3	2.0	1.9	1.4	1.5	1.5	1.3	1.1	1.4	1.0	1.2	1.2	1.4	1.5	1.6	1.3	1.1
	Banchharampu	1.4	1.9	1.8	1.4	1.4	1.5	1.3	1.0	1.3	0.9	1.2	1.2	1.4	1.5	1.6	1.3	1.1
	Bijoynagar	1.3	2.0	1.9	1.4	1.5	1.5	1.3	1.1	1.4	1.0	1.2	1.2	1.4	1.5	1.6	1.3	1.1
	Brahmanbaria Sa	1.3	1.9	1.9	1.4	1.5	1.5	1.3	1.0	1.4	1.0	1.2	1.2	1.4	1.5	1.6	1.3	1.1
	Kasba	1.3	1.9	1.8	1.4	1.4	1.5	1.3	1.0	1.3	0.9	1.2	1.2	1.4	1.5	1.6	1.3	1.1
	Nabinagar	1.3	1.9	1.9	1.4	1.4	1.5	1.3	1.0	1.3	1.0	1.2	1.2	1.4	1.5	1.6	1.3	1.1
	Nasirnagar	1.3	2.0	1.9	1.4	1.4	1.5	1.3	1.1	1.4	1.0	1.3	1.3	1.4	1.5	1.6	1.3	1.1
	Sarail	1.3	2.0	1.9	1.4	1.5	1.5	1.3	1.1	1.4	1.0	1.2	1.2	1.4	1.5	1.6	1.3	1.1
Chapai Nawabganj	Bholahat	1.6	1.7	1.8	1.8	1.9	1.3	1.6	1.2	1.4	1.0	1.6	1.5	1.5	1.6	1.8	1.4	1.3
	Chapai Nawabganj Sad	1.6	1.8	1.8	1.8	1.9	1.4	1.6	1.2	1.4	1.0	1.6	1.4	1.5	1.6	1.8	1.4	1.3
	Gomastapur	1.6	1.7	1.8	1.7	1.8	1.4	1.5	1.2	1.4	1.0	1.6	1.4	1.5	1.6	1.8	1.4	1.3
	Nachole	1.6	1.8	1.8	1.8	1.8	1.4	1.5	1.2	1.4	1.0	1.6	1.4	1.5	1.6	1.8	1.4	1.3
	Shibganj	1.6	1.7	1.8	1.8	1.9	1.4	1.6	1.2	1.4	1.0	1.6	1.4	1.5	1.6	1.8	1.4	1.3
Chandpur	Chandpur Sadar	1.3	1.8	1.7	1.4	1.3	1.5	1.2	0.9	1.2	0.9	1.2	1.0	1.3	1.4	1.5	1.2	1.0
	Faridganj	1.3	1.8	1.7	1.4	1.3	1.5	1.2	0.9	1.2	0.8	1.2	1.0	1.3	1.4	1.4	1.2	1.0
	Haim Char	1.3	1.8	1.7	1.4	1.2	1.5	1.2	0.9	1.2	0.9	1.2	1.0	1.3	1.4	1.4	1.2	1.0
	Hajiganj	1.3	1.8	1.7	1.4	1.3	1.5	1.2	0.9	1.2	0.8	1.2	1.0	1.3	1.4	1.5	1.2	1.0
	Kachua	1.3	1.9	1.8	1.4	1.4	1.5	1.2	0.9	1.3	0.9	1.2	1.0	1.3	1.4	1.5	1.2	1.0

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	Matlab Dakshin	1.3	1.9	1.8	1.4	1.3	1.5	1.2	0.9	1.2	0.9	1.2	1.1	1.3	1.4	1.5	1.2	1.0
	Matlab Uttar	1.3	1.9	1.8	1.4	1.4	1.5	1.2	1.0	1.3	0.9	1.2	1.1	1.3	1.4	1.5	1.2	1.0
	Shahrasti	1.2	1.8	1.7	1.3	1.3	1.5	1.2	0.9	1.2	0.8	1.2	1.0	1.3	1.4	1.5	1.2	1.0
Chittagon	Anowara	1.0	1.5	1.5	1.0	0.9	1.2	1.0	0.7	1.2	0.8	1.2	1.3	1.1	1.3	1.1	1.0	1.0
	Banshkhali	0.9	1.5	1.5	0.9	0.8	1.1	1.0	0.7	1.2	0.9	1.2	1.3	1.1	1.2	1.1	1.0	1.0
	Boalkhali	1.0	1.6	1.5	1.0	1.0	1.2	1.0	0.7	1.2	0.8	1.2	1.2	1.1	1.3	1.2	1.0	1.0
	Chandanaish	1.0	1.6	1.5	1.0	0.9	1.2	1.0	0.7	1.2	0.9	1.2	1.3	1.1	1.3	1.1	1.0	1.0
	Fatikchhari	1.1	1.7	1.6	1.1	1.2	1.3	1.0	0.8	1.2	0.8	1.1	1.1	1.2	1.3	1.3	1.1	1.0
	Hathazari	1.0	1.6	1.6	1.1	1.0	1.3	1.0	0.7	1.2	0.8	1.2	1.2	1.1	1.3	1.2	1.1	1.0
	Lohagara	0.9	1.5	1.5	0.9	0.8	1.1	1.0	0.7	1.2	0.9	1.2	1.3	1.1	1.3	1.1	1.0	1.1
	Mirsharai	1.1	1.7	1.6	1.1	1.2	1.4	1.1	0.8	1.2	0.8	1.1	1.1	1.2	1.3	1.3	1.1	1.0
	Patiya	1.0	1.6	1.5	1.0	0.9	1.2	1.0	0.7	1.2	0.8	1.2	1.3	1.1	1.3	1.1	1.0	1.0
	Rangunia	1.0	1.6	1.6	1.0	1.1	1.2	1.0	0.7	1.2	0.8	1.2	1.2	1.1	1.3	1.2	1.1	1.0
	Raozan	1.0	1.6	1.6	1.0	1.1	1.3	1.0	0.7	1.2	0.8	1.2	1.2	1.1	1.3	1.2	1.1	1.0
	Sandwip	1.0	1.6	1.5	1.1	1.0	1.3	1.0	0.8	1.2	0.8	1.1	1.1	1.1	1.3	1.2	1.1	1.0
	Satkania	0.9	1.5	1.5	0.9	0.9	1.2	1.0	0.7	1.2	0.9	1.2	1.3	1.1	1.3	1.1	1.0	1.0
	Sitakunda	1.0	1.5	1.5	1.0	0.9	1.2	1.0	0.7	1.2	0.8	1.2	1.3	1.1	1.3	1.2	1.1	1.0
Chuadanga	Alamdanga	1.5	1.8	1.8	1.8	1.6	1.5	1.5	1.1	1.2	0.9	1.4	1.2	1.4	1.5	1.8	1.3	1.1
	Chuadanga Sadar	1.5	1.8	1.8	1.8	1.6	1.5	1.5	1.1	1.2	0.9	1.3	1.2	1.4	1.5	1.7	1.3	1.1
	Damurhuda	1.5	1.8	1.8	1.9	1.6	1.5	1.5	1.1	1.2	0.9	1.3	1.2	1.4	1.5	1.8	1.3	1.1
	Jiban Nagar	1.5	1.8	1.8	1.9	1.6	1.5	1.5	1.0	1.2	0.9	1.3	1.1	1.4	1.5	1.7	1.3	1.1
Comilla	Barura	1.3	1.9	1.8	1.4	1.4	1.5	1.2	0.9	1.3	0.8	1.2	1.0	1.3	1.4	1.5	1.2	1.0
	Brahman Para	1.3	1.9	1.8	1.4	1.4	1.5	1.2	1.0	1.3	0.9	1.2	1.1	1.3	1.4	1.5	1.3	1.0
	Burichang	1.3	1.9	1.8	1.4	1.4	1.5	1.2	1.0	1.3	0.9	1.2	1.1	1.3	1.4	1.5	1.3	1.0
	Chandina	1.3	1.9	1.8	1.4	1.4	1.5	1.2	0.9	1.3	0.9	1.2	1.1	1.3	1.4	1.5	1.2	1.0
	Chauddagram	1.2	1.8	1.7	1.3	1.4	1.5	1.1	0.9	1.3	0.8	1.1	1.0	1.3	1.4	1.5	1.2	1.0
	Comilla Adarsha Sadar	1.3	1.9	1.8	1.3	1.4	1.5	1.2	0.9	1.3	0.9	1.2	1.1	1.3	1.4	1.5	1.2	1.0
	Daudkandi	1.3	1.9	1.8	1.4	1.4	1.5	1.2	1.0	1.3	0.9	1.2	1.1	1.3	1.4	1.5	1.3	1.0
	Debidwar	1.3	1.9	1.8	1.4	1.4	1.5	1.2	1.0	1.3	0.9	1.2	1.1	1.3	1.4	1.5	1.3	1.0
	Homna	1.4	1.9	1.8	1.4	1.4	1.5	1.3	1.0	1.3	0.9	1.2	1.1	1.4	1.5	1.6	1.3	1.1
	Laksam	1.2	1.8	1.7	1.3	1.3	1.5	1.2	0.9	1.2	0.8	1.1	1.0	1.3	1.4	1.5	1.2	1.0
	Meghna	1.4	1.9	1.8	1.4	1.4	1.5	1.3	1.0	1.3	0.9	1.2	1.1	1.4	1.5	1.5	1.3	1.1
	Manoharganj	1.2	1.8	1.7	1.3	1.3	1.5	1.2	0.9	1.2	0.8	1.1	1.0	1.3	1.3	1.4	1.2	1.0
	Muradnagar	1.3	1.9	1.8	1.4	1.4	1.5	1.3	1.0	1.3	0.9	1.2	1.1	1.4	1.5	1.5	1.3	1.1
	Nangalkot	1.2	1.8	1.7	1.3	1.3	1.5	1.1	0.9	1.2	0.8	1.1	1.0	1.3	1.3	1.4	1.2	1.0
	Comilla Sadar Dak	1.2	1.9	1.8	1.3	1.4	1.5	1.2	0.9	1.3	0.8	1.1	1.0	1.3	1.4	1.5	1.2	1.0

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	Titas	1.3	1.9	1.8	1.4	1.4	1.5	1.3	1.0	1.3	0.9	1.2	1.1	1.3	1.5	1.5	1.3	1.1
Cox'sBazar	Chakaria	0.9	1.4	1.4	0.9	0.7	1.1	0.9	0.7	1.2	0.9	1.2	1.4	1.1	1.2	1.0	1.0	1.1
	Cox'S Bazar Sa	0.9	1.4	1.4	0.8	0.6	1.1	0.9	0.7	1.2	0.9	1.3	1.4	1.0	1.2	0.9	1.0	1.1
	Kutubdia	0.9	1.4	1.4	0.9	0.7	1.1	0.9	0.7	1.2	0.9	1.2	1.3	1.0	1.2	1.0	1.0	1.0
	Maheshkhali	0.9	1.4	1.4	0.9	0.6	1.1	0.9	0.7	1.1	0.9	1.2	1.4	1.0	1.2	0.9	1.0	1.1
	Pekua	0.9	1.4	1.4	0.9	0.7	1.1	0.9	0.7	1.2	0.9	1.2	1.3	1.1	1.2	1.0	1.0	1.0
	Ramu	0.9	1.4	1.4	0.8	0.7	1.1	1.0	0.7	1.2	0.9	1.3	1.5	1.1	1.2	0.9	1.0	1.1
	Teknaf	0.9	1.3	1.2	0.7	0.8	1.2	1.0	0.7	1.2	0.9	1.4	1.5	1.1	1.2	0.9	1.0	1.2
	Ukhia	0.9	1.4	1.3	0.7	0.7	1.2	1.0	0.7	1.2	0.9	1.3	1.5	1.1	1.2	0.9	1.0	1.1
Dhaka	Dhamrai	1.5	2.0	1.8	1.5	1.4	1.5	1.4	1.1	1.3	1.0	1.3	1.2	1.4	1.6	1.6	1.3	1.2
	Dohar	1.5	2.0	1.8	1.5	1.3	1.5	1.3	1.0	1.3	1.0	1.3	1.1	1.4	1.5	1.5	1.3	1.1
	Keraniganj	1.4	2.0	1.8	1.5	1.4	1.5	1.3	1.0	1.3	1.0	1.3	1.2	1.4	1.5	1.6	1.3	1.1
	Nawabganj	1.5	2.0	1.8	1.5	1.3	1.5	1.3	1.0	1.3	1.0	1.3	1.1	1.4	1.5	1.6	1.3	1.1
	Savar	1.5	2.0	1.8	1.5	1.4	1.5	1.3	1.1	1.3	1.0	1.3	1.2	1.4	1.5	1.6	1.3	1.1
Dinajpur	Birampur	1.5	1.7	1.8	1.5	1.7	1.2	1.4	1.2	1.4	1.1	1.6	1.5	1.5	1.6	1.7	1.3	1.3
	Birganj	1.4	1.5	1.7	1.5	1.8	1.2	1.5	1.2	1.4	1.0	1.7	1.7	1.5	1.5	1.7	1.3	1.4
	Biral	1.5	1.6	1.7	1.6	1.8	1.2	1.5	1.2	1.4	1.0	1.7	1.6	1.5	1.6	1.7	1.3	1.4
	Bochaganj	1.5	1.5	1.7	1.6	1.8	1.2	1.5	1.2	1.4	1.0	1.7	1.7	1.5	1.6	1.7	1.3	1.4
	Chirirbandar	1.5	1.6	1.7	1.5	1.7	1.2	1.5	1.2	1.4	1.1	1.6	1.6	1.5	1.6	1.7	1.3	1.3
	Dinajpur Sadar	1.5	1.6	1.7	1.6	1.7	1.2	1.5	1.2	1.4	1.0	1.7	1.6	1.5	1.6	1.7	1.3	1.3
	Fulbari	1.5	1.7	1.8	1.5	1.7	1.2	1.5	1.2	1.4	1.1	1.6	1.6	1.5	1.6	1.7	1.3	1.3
	Ghoraghat	1.5	1.8	1.8	1.5	1.6	1.2	1.4	1.2	1.4	1.1	1.6	1.5	1.5	1.6	1.6	1.3	1.3
	Hakimpur	1.5	1.8	1.8	1.5	1.6	1.2	1.4	1.2	1.4	1.1	1.6	1.5	1.5	1.6	1.7	1.3	1.3
	Kaharole	1.5	1.5	1.7	1.5	1.8	1.2	1.5	1.2	1.4	1.0	1.7	1.7	1.5	1.6	1.7	1.3	1.4
	Khansama	1.4	1.5	1.7	1.5	1.7	1.2	1.5	1.2	1.5	1.0	1.6	1.7	1.5	1.6	1.6	1.3	1.3
	Nawabganj	1.5	1.7	1.8	1.5	1.6	1.2	1.4	1.2	1.4	1.1	1.6	1.5	1.5	1.6	1.6	1.3	1.3
	Parbatipur	1.5	1.6	1.7	1.5	1.7	1.2	1.4	1.2	1.4	1.1	1.6	1.6	1.5	1.6	1.6	1.3	1.3
Faridpur	Alfadanga	1.4	1.8	1.7	1.6	1.3	1.5	1.3	1.0	1.2	0.9	1.3	1.1	1.3	1.4	1.5	1.3	1.1
	Bhanga	1.4	1.9	1.8	1.5	1.3	1.5	1.3	1.0	1.2	0.9	1.3	1.1	1.4	1.5	1.5	1.3	1.1
	Boalmari	1.4	1.9	1.8	1.6	1.4	1.5	1.4	1.0	1.2	0.9	1.3	1.1	1.4	1.5	1.6	1.3	1.1
	Char Bhadrasan	1.5	1.9	1.8	1.5	1.3	1.5	1.3	1.0	1.2	1.0	1.3	1.1	1.4	1.5	1.6	1.3	1.1
	Faridpur Sadar	1.5	1.9	1.8	1.6	1.4	1.5	1.4	1.0	1.2	1.0	1.3	1.1	1.4	1.5	1.6	1.3	1.1
	Madhukhali	1.5	1.9	1.8	1.6	1.4	1.5	1.4	1.0	1.2	0.9	1.3	1.1	1.4	1.5	1.6	1.3	1.1
	Nagarkanda	1.4	1.9	1.8	1.5	1.3	1.5	1.3	1.0	1.2	0.9	1.3	1.1	1.4	1.5	1.5	1.3	1.1
	Sadarpur	1.4	1.9	1.8	1.5	1.3	1.5	1.3	1.0	1.2	0.9	1.3	1.1	1.4	1.5	1.5	1.3	1.1
	Saltha	1.4	1.9	1.8	1.6	1.3	1.5	1.3	1.0	1.2	0.9	1.3	1.1	1.4	1.5	1.6	1.3	1.1
Feni	Chhagalnaiya	1.2	1.8	1.7	1.2	1.3	1.4	1.1	0.8	1.2	0.8	1.1	1.1	1.2	1.3	1.4	1.2	1.0
	Daganbhuiyan	1.2	1.7	1.7	1.2	1.2	1.5	1.1	0.8	1.2	0.8	1.1	1.1	1.2	1.3	1.4	1.2	1.0

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	Feni Sadar	1.2	1.7	1.7	1.2	1.3	1.5	1.1	0.8	1.2	0.8	1.1	1.1	1.2	1.3	1.4	1.2	1.0
	Fulgazi	1.2	1.8	1.7	1.2	1.3	1.5	1.1	0.8	1.2	0.8	1.1	1.0	1.2	1.3	1.4	1.2	1.0
	Parshuram	1.2	1.8	1.7	1.3	1.4	1.5	1.1	0.9	1.3	0.8	1.1	1.0	1.3	1.3	1.5	1.2	1.0
	Sonagazi	1.1	1.7	1.6	1.2	1.2	1.4	1.1	0.8	1.2	0.8	1.1	1.1	1.2	1.3	1.3	1.1	1.0
Gaibandha	Gaibandha Sadar	1.5	1.8	1.8	1.4	1.5	1.2	1.4	1.3	1.5	1.1	1.6	1.5	1.5	1.6	1.6	1.3	1.3
	Gobindaganj	1.5	1.8	1.8	1.5	1.6	1.3	1.4	1.3	1.5	1.1	1.6	1.5	1.5	1.6	1.6	1.4	1.3
	Palashbari	1.5	1.8	1.8	1.4	1.6	1.2	1.4	1.3	1.5	1.1	1.6	1.5	1.5	1.6	1.6	1.3	1.3
	Fulchhari	1.5	1.8	1.8	1.4	1.5	1.2	1.4	1.3	1.5	1.1	1.5	1.5	1.5	1.6	1.6	1.3	1.3
	Sadullapur	1.5	1.8	1.8	1.4	1.5	1.2	1.4	1.3	1.5	1.1	1.6	1.5	1.5	1.6	1.6	1.3	1.3
	Saghatta	1.5	1.8	1.8	1.4	1.5	1.3	1.4	1.3	1.5	1.1	1.6	1.4	1.5	1.6	1.6	1.4	1.3
	Sundarganj	1.4	1.7	1.8	1.4	1.5	1.2	1.4	1.3	1.5	1.1	1.6	1.6	1.5	1.6	1.6	1.3	1.3
Gazipur	Gazipur Sadar	1.4	2.0	1.8	1.5	1.4	1.5	1.4	1.1	1.3	1.0	1.3	1.2	1.4	1.6	1.6	1.3	1.2
	Kaliganj	1.4	2.0	1.8	1.4	1.4	1.5	1.3	1.1	1.3	1.0	1.3	1.2	1.4	1.5	1.6	1.3	1.1
	Kaliakair	1.5	2.0	1.8	1.5	1.4	1.5	1.4	1.1	1.3	1.0	1.3	1.2	1.4	1.6	1.6	1.3	1.2
	Kapasia	1.4	2.0	1.9	1.4	1.4	1.5	1.3	1.1	1.4	1.0	1.3	1.3	1.4	1.6	1.6	1.3	1.2
	Sreepur	1.4	2.0	1.9	1.4	1.4	1.5	1.4	1.1	1.4	1.0	1.3	1.3	1.4	1.6	1.6	1.3	1.2
Gopalganj	Gopalganj Sadar	1.4	1.8	1.6	1.5	1.2	1.5	1.3	1.0	1.1	0.9	1.3	1.1	1.3	1.4	1.4	1.2	1.1
	Kashiani	1.4	1.8	1.7	1.5	1.2	1.5	1.3	1.0	1.2	0.9	1.3	1.1	1.3	1.4	1.5	1.2	1.1
	Kotali Para	1.3	1.7	1.6	1.4	1.1	1.5	1.3	0.9	1.1	0.9	1.3	1.0	1.3	1.4	1.4	1.2	1.1
	Muksudpur	1.4	1.9	1.7	1.5	1.3	1.5	1.3	1.0	1.2	0.9	1.3	1.1	1.3	1.4	1.5	1.2	1.1
	Tungi Para	1.3	1.7	1.6	1.4	1.1	1.5	1.3	0.9	1.1	0.9	1.3	1.1	1.3	1.4	1.4	1.2	1.1
Habiganj	Ajmiriganj	1.3	2.0	1.9	1.3	1.4	1.4	1.3	1.2	1.5	1.1	1.3	1.4	1.4	1.6	1.5	1.3	1.2
	Bahubal	1.3	2.0	1.9	1.3	1.4	1.4	1.3	1.1	1.4	1.1	1.3	1.3	1.4	1.5	1.5	1.3	1.2
	Baniachong	1.3	2.0	1.9	1.3	1.4	1.4	1.3	1.2	1.4	1.1	1.3	1.4	1.4	1.6	1.5	1.3	1.2
	Chunarughat	1.3	2.0	1.9	1.3	1.5	1.5	1.3	1.1	1.4	1.0	1.3	1.3	1.4	1.5	1.5	1.3	1.1
	Habiganj Sadar	1.3	2.0	1.9	1.3	1.4	1.5	1.3	1.1	1.4	1.1	1.3	1.3	1.4	1.5	1.5	1.3	1.2
	Lakhai	1.3	2.0	1.9	1.3	1.4	1.5	1.3	1.1	1.4	1.0	1.3	1.3	1.4	1.5	1.6	1.3	1.2
	Madhabpur	1.3	2.0	1.9	1.4	1.5	1.5	1.3	1.1	1.4	1.0	1.2	1.2	1.4	1.5	1.6	1.3	1.1
	Nabiganj	1.3	2.0	1.9	1.3	1.4	1.4	1.3	1.2	1.5	1.1	1.4	1.4	1.4	1.6	1.5	1.3	1.2
Jamalpur	Bakshiganj	1.5	1.9	1.8	1.3	1.4	1.2	1.4	1.3	1.5	1.2	1.5	1.5	1.5	1.6	1.5	1.3	1.3
	Dewanganj	1.5	1.8	1.8	1.4	1.5	1.2	1.4	1.3	1.5	1.1	1.5	1.5	1.5	1.6	1.5	1.3	1.3
	Islampur	1.5	1.9	1.8	1.4	1.5	1.3	1.4	1.3	1.5	1.1	1.5	1.4	1.5	1.6	1.6	1.4	1.3
	Jamalpur Sadar	1.5	1.9	1.8	1.4	1.4	1.3	1.4	1.2	1.4	1.1	1.5	1.4	1.5	1.6	1.5	1.3	1.3
	Madarganj	1.5	1.9	1.8	1.4	1.5	1.3	1.4	1.2	1.4	1.1	1.5	1.4	1.5	1.6	1.6	1.4	1.3
	Melandaha	1.5	1.9	1.8	1.4	1.4	1.3	1.4	1.3	1.5	1.1	1.5	1.4	1.5	1.6	1.6	1.4	1.3
	Sharishabari	1.5	1.9	1.8	1.4	1.4	1.4	1.4	1.2	1.4	1.1	1.5	1.4	1.5	1.6	1.6	1.3	1.3
Jessore	Abhaynagar	1.4	1.7	1.6	1.6	1.2	1.5	1.3	1.0	1.1	0.9	1.3	1.1	1.3	1.4	1.5	1.2	1.1
	Bagher Para	1.4	1.8	1.7	1.7	1.4	1.5	1.4	1.0	1.1	0.9	1.3	1.1	1.4	1.4	1.6	1.3	1.1

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	Chaugachha	1.4	1.8	1.7	1.8	1.5	1.5	1.4	1.0	1.1	0.9	1.3	1.1	1.4	1.4	1.7	1.3	1.1
	Sadar	1.4	1.8	1.7	1.7	1.4	1.5	1.4	1.0	1.1	0.9	1.3	1.1	1.3	1.4	1.6	1.2	1.1
	Jhikargachha	1.4	1.7	1.7	1.7	1.4	1.5	1.4	1.0	1.1	0.9	1.3	1.1	1.3	1.4	1.6	1.2	1.1
	Keshabpur	1.3	1.6	1.6	1.6	1.2	1.5	1.3	1.0	1.0	0.9	1.3	1.1	1.3	1.4	1.5	1.2	1.1
	Manirampur	1.4	1.7	1.6	1.6	1.3	1.5	1.4	1.0	1.1	0.9	1.3	1.1	1.3	1.4	1.5	1.2	1.1
	Sharsha	1.4	1.7	1.7	1.7	1.4	1.5	1.4	1.0	1.0	0.9	1.3	1.1	1.3	1.4	1.6	1.2	1.1
Jhalokati	Jhalokati Sadar	1.2	1.6	1.5	1.3	0.9	1.4	1.2	0.9	1.1	0.9	1.2	1.1	1.2	1.3	1.2	1.1	1.1
	Kanthalia	1.1	1.4	1.4	1.3	0.7	1.3	1.1	0.8	1.0	0.9	1.2	1.1	1.1	1.2	1.1	1.0	1.1
	Nalchity	1.2	1.6	1.5	1.3	0.8	1.4	1.1	0.8	1.1	0.9	1.2	1.1	1.2	1.3	1.2	1.1	1.1
	Rajapur	1.2	1.5	1.5	1.3	0.8	1.3	1.1	0.8	1.1	0.9	1.2	1.1	1.1	1.3	1.2	1.1	1.1
Jhenaidah	Harinakunda	1.5	1.9	1.8	1.8	1.6	1.5	1.5	1.1	1.2	0.9	1.3	1.2	1.4	1.5	1.7	1.3	1.1
	Jhenaidah Sadar	1.5	1.8	1.8	1.8	1.5	1.5	1.4	1.0	1.2	0.9	1.3	1.1	1.4	1.5	1.7	1.3	1.1
	Kaliganj	1.4	1.8	1.8	1.8	1.5	1.5	1.4	1.0	1.2	0.9	1.3	1.1	1.4	1.5	1.7	1.3	1.1
	Kotchandpur	1.5	1.8	1.8	1.8	1.5	1.5	1.5	1.0	1.2	0.9	1.3	1.1	1.4	1.5	1.7	1.3	1.1
	Maheshpur	1.4	1.8	1.7	1.8	1.5	1.5	1.5	1.0	1.1	0.9	1.3	1.1	1.4	1.4	1.7	1.3	1.1
	Shailkupa	1.5	1.9	1.8	1.7	1.5	1.5	1.5	1.1	1.2	0.9	1.3	1.2	1.4	1.5	1.7	1.3	1.1
Joypurhat	Akkelpur	1.5	1.8	1.8	1.6	1.6	1.3	1.5	1.2	1.4	1.1	1.6	1.4	1.5	1.6	1.7	1.4	1.3
	Joypurhat Sadar	1.5	1.8	1.8	1.6	1.7	1.3	1.5	1.2	1.4	1.1	1.6	1.4	1.5	1.6	1.7	1.4	1.3
	Kalai	1.5	1.8	1.8	1.5	1.6	1.3	1.5	1.2	1.4	1.1	1.6	1.4	1.5	1.6	1.6	1.4	1.3
	Khetlal	1.5	1.8	1.8	1.5	1.6	1.3	1.5	1.2	1.4	1.1	1.6	1.4	1.5	1.6	1.7	1.4	1.3
	Panchbibi	1.5	1.8	1.8	1.5	1.6	1.3	1.5	1.2	1.4	1.1	1.6	1.5	1.5	1.6	1.7	1.3	1.3
Khagrachhari	Dighinala	1.2	1.9	1.8	1.2	1.5	1.4	1.1	0.9	1.3	0.8	1.2	1.1	1.3	1.4	1.5	1.2	1.0
	Khagrachhari Sa	1.1	1.8	1.7	1.2	1.4	1.4	1.1	0.8	1.3	0.8	1.1	1.1	1.2	1.4	1.4	1.1	1.0
	Lakshmichhari	1.1	1.7	1.6	1.1	1.2	1.3	1.0	0.8	1.2	0.8	1.1	1.2	1.2	1.3	1.3	1.1	1.0
	Mahalchhari	1.1	1.8	1.7	1.1	1.3	1.3	1.1	0.8	1.3	0.8	1.1	1.1	1.2	1.3	1.4	1.1	1.0
	Manikchhari	1.1	1.7	1.6	1.1	1.2	1.3	1.1	0.8	1.2	0.8	1.1	1.1	1.2	1.3	1.3	1.1	1.0
	Matiranga	1.2	1.8	1.7	1.2	1.4	1.4	1.1	0.8	1.3	0.8	1.1	1.1	1.2	1.3	1.4	1.1	1.0
	Panchhari	1.2	1.9	1.8	1.2	1.5	1.4	1.1	0.9	1.3	0.8	1.1	1.1	1.3	1.4	1.5	1.2	1.0
	Ramgarh	1.1	1.7	1.7	1.1	1.3	1.4	1.1	0.8	1.2	0.8	1.1	1.1	1.2	1.3	1.4	1.1	1.0
Khulna	Batiaghata	1.3	1.6	1.5	1.5	1.0	1.4	1.3	0.9	1.0	0.9	1.3	1.1	1.2	1.3	1.3	1.1	1.1
	Dacope	1.1	1.3	1.4	1.3	0.6	1.1	1.1	0.8	0.9	0.9	1.2	1.1	1.1	1.2	1.1	1.0	1.1
	Dighalia	1.3	1.7	1.6	1.5	1.1	1.5	1.3	1.0	1.1	0.9	1.3	1.1	1.3	1.4	1.4	1.2	1.1
	Dumuria	1.3	1.6	1.6	1.5	1.1	1.4	1.3	0.9	1.0	0.9	1.3	1.1	1.3	1.3	1.4	1.2	1.1
	Koyra	1.0	1.2	1.3	1.3	0.5	1.0	1.0	0.8	0.8	0.9	1.2	1.1	1.0	1.1	1.1	0.9	1.0
	Phultala	1.3	1.7	1.6	1.6	1.2	1.5	1.3	1.0	1.1	0.9	1.3	1.1	1.3	1.4	1.5	1.2	1.1
	Paikgachha	1.2	1.5	1.5	1.5	1.0	1.3	1.2	0.9	1.0	0.9	1.3	1.1	1.2	1.3	1.3	1.1	1.1
	Rupsa	1.3	1.6	1.6	1.5	1.1	1.4	1.3	0.9	1.1	0.9	1.3	1.1	1.2	1.3	1.4	1.2	1.1
	Terokhada	1.3	1.7	1.6	1.5	1.1	1.5	1.3	0.9	1.1	0.9	1.3	1.1	1.3	1.4	1.4	1.2	1.1

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Kishoreganj	Austagram	1.3	2.0	1.9	1.4	1.4	1.5	1.3	1.1	1.4	1.0	1.3	1.3	1.4	1.5	1.6	1.3	1.2
	Bajitpur	1.4	2.0	1.9	1.4	1.4	1.5	1.3	1.1	1.4	1.0	1.3	1.3	1.4	1.5	1.6	1.3	1.2
	Bhairab	1.4	2.0	1.9	1.4	1.5	1.5	1.3	1.1	1.4	1.0	1.3	1.2	1.4	1.5	1.6	1.3	1.1
	Hossainpur	1.4	2.0	1.9	1.4	1.4	1.4	1.4	1.2	1.4	1.1	1.4	1.3	1.4	1.6	1.6	1.3	1.2
	Itna	1.4	2.0	1.9	1.3	1.4	1.4	1.3	1.2	1.4	1.1	1.3	1.4	1.4	1.6	1.5	1.3	1.2
	Karimganj	1.4	2.0	1.9	1.4	1.4	1.4	1.3	1.2	1.4	1.1	1.3	1.3	1.4	1.6	1.5	1.3	1.2
	Katiadi	1.4	2.0	1.9	1.4	1.4	1.5	1.3	1.1	1.4	1.1	1.3	1.3	1.4	1.6	1.6	1.3	1.2
	Kishoreganj Sad	1.4	2.0	1.9	1.4	1.4	1.4	1.3	1.2	1.4	1.1	1.3	1.3	1.4	1.6	1.6	1.3	1.2
	Kuliar Char	1.4	2.0	1.9	1.4	1.4	1.5	1.3	1.1	1.4	1.0	1.3	1.3	1.4	1.5	1.6	1.3	1.1
	Mithamain	1.4	2.0	1.9	1.3	1.4	1.4	1.3	1.2	1.4	1.1	1.3	1.3	1.4	1.6	1.5	1.3	1.2
	Nikli	1.4	2.0	1.9	1.4	1.4	1.5	1.3	1.1	1.4	1.1	1.3	1.3	1.4	1.5	1.6	1.3	1.2
	Pakundia	1.4	2.0	1.9	1.4	1.4	1.5	1.3	1.1	1.4	1.1	1.3	1.3	1.4	1.6	1.6	1.3	1.2
	Tarail	1.4	2.0	1.9	1.4	1.4	1.4	1.3	1.2	1.4	1.1	1.4	1.4	1.4	1.6	1.5	1.3	1.2
Kurigram	Bhurungamari	1.3	1.5	1.7	1.3	1.5	1.2	1.4	1.3	1.5	1.1	1.6	1.8	1.4	1.5	1.5	1.3	1.4
	Char Rajibpur	1.4	1.8	1.8	1.3	1.5	1.2	1.4	1.3	1.5	1.1	1.5	1.6	1.4	1.6	1.5	1.3	1.3
	Chilmari	1.4	1.7	1.8	1.4	1.5	1.2	1.4	1.3	1.5	1.1	1.6	1.6	1.4	1.6	1.5	1.3	1.3
	Kurigram Sada	1.4	1.6	1.7	1.4	1.5	1.2	1.4	1.3	1.5	1.1	1.6	1.7	1.4	1.6	1.5	1.3	1.4
	Nageshwari	1.4	1.6	1.7	1.3	1.5	1.2	1.4	1.3	1.5	1.1	1.6	1.7	1.4	1.6	1.5	1.3	1.4
	Phulbari	1.4	1.6	1.7	1.4	1.5	1.2	1.4	1.3	1.5	1.1	1.6	1.7	1.4	1.5	1.5	1.3	1.4
	Rajarhat	1.4	1.6	1.7	1.4	1.5	1.2	1.4	1.3	1.5	1.1	1.6	1.7	1.4	1.6	1.5	1.3	1.3
	Raumari	1.4	1.7	1.8	1.3	1.4	1.2	1.4	1.3	1.5	1.1	1.5	1.6	1.4	1.6	1.5	1.3	1.3
	Ulipur	1.4	1.7	1.7	1.4	1.5	1.2	1.4	1.3	1.5	1.1	1.6	1.6	1.4	1.6	1.5	1.3	1.3
Kushtia	Bheramara	1.5	1.9	1.8	1.8	1.7	1.5	1.5	1.1	1.3	1.0	1.4	1.2	1.5	1.5	1.8	1.4	1.2
	Daulatpur	1.5	1.9	1.8	1.8	1.7	1.5	1.5	1.1	1.3	0.9	1.4	1.2	1.5	1.5	1.8	1.4	1.2
	Khoksa	1.5	1.9	1.8	1.7	1.5	1.5	1.5	1.1	1.3	1.0	1.3	1.2	1.4	1.5	1.7	1.3	1.1
	Kumarkhali	1.5	1.9	1.8	1.7	1.6	1.5	1.5	1.1	1.3	0.9	1.4	1.2	1.4	1.5	1.7	1.3	1.2
	Kushtia Sadar	1.5	1.9	1.8	1.8	1.6	1.5	1.5	1.1	1.3	0.9	1.4	1.2	1.4	1.5	1.7	1.3	1.1
	Mirpur	1.5	1.9	1.8	1.8	1.6	1.5	1.5	1.1	1.3	0.9	1.4	1.2	1.5	1.5	1.8	1.3	1.2
Lakshmipur	Kamalnagar	1.2	1.7	1.6	1.2	1.0	1.4	1.1	0.8	1.2	0.8	1.2	1.1	1.2	1.3	1.3	1.1	1.0
	Lakshmipur Sad	1.2	1.7	1.6	1.3	1.1	1.5	1.2	0.9	1.2	0.8	1.2	1.0	1.2	1.3	1.3	1.2	1.0
	Roypur	1.2	1.7	1.7	1.3	1.2	1.5	1.2	0.9	1.2	0.9	1.2	1.0	1.2	1.3	1.4	1.2	1.0
	Ramganj	1.2	1.8	1.7	1.3	1.3	1.5	1.2	0.9	1.2	0.8	1.2	1.0	1.3	1.3	1.4	1.2	1.0
	Ramgati	1.1	1.6	1.5	1.2	1.0	1.4	1.1	0.8	1.1	0.8	1.2	1.1	1.2	1.3	1.2	1.1	1.0
Lalmonirhat	Aditmari	1.4	1.6	1.7	1.4	1.6	1.2	1.4	1.3	1.5	1.1	1.6	1.7	1.4	1.5	1.6	1.3	1.4
	Hatibandha	1.4	1.5	1.7	1.4	1.6	1.1	1.4	1.3	1.5	1.1	1.6	1.7	1.4	1.5	1.6	1.3	1.4
	Kaliganj	1.4	1.5	1.7	1.4	1.6	1.2	1.4	1.3	1.5	1.1	1.6	1.7	1.4	1.5	1.6	1.3	1.3
	Lalmonirhat Sad	1.4	1.6	1.7	1.4	1.6	1.2	1.4	1.3	1.5	1.1	1.6	1.7	1.4	1.6	1.6	1.3	1.3
	Patgram	1.4	1.4	1.6	1.4	1.7	1.1	1.4	1.3	1.5	1.1	1.6	1.8	1.4	1.5	1.6	1.3	1.4

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Madaripur	Kalkini	1.3	1.8	1.7	1.4	1.2	1.5	1.2	0.9	1.2	0.9	1.2	1.0	1.3	1.4	1.4	1.2	1.1
	Madaripur Sad	1.4	1.8	1.7	1.4	1.2	1.5	1.3	1.0	1.2	0.9	1.3	1.0	1.3	1.4	1.4	1.2	1.1
	Rajoir	1.4	1.8	1.7	1.5	1.2	1.5	1.3	1.0	1.2	0.9	1.3	1.1	1.3	1.4	1.5	1.2	1.1
	Shib Char	1.4	1.9	1.8	1.5	1.3	1.5	1.3	1.0	1.2	0.9	1.3	1.1	1.3	1.5	1.5	1.3	1.1
Magura	Magura Sadar	1.5	1.9	1.8	1.7	1.4	1.5	1.4	1.0	1.2	0.9	1.3	1.1	1.4	1.5	1.6	1.3	1.1
	Mohammadpur	1.4	1.9	1.8	1.6	1.4	1.5	1.4	1.0	1.2	0.9	1.3	1.1	1.4	1.5	1.6	1.3	1.1
	Shalikha	1.4	1.8	1.7	1.7	1.4	1.5	1.4	1.0	1.2	0.9	1.3	1.1	1.4	1.5	1.6	1.3	1.1
	Sreepur	1.5	1.9	1.8	1.7	1.5	1.5	1.4	1.1	1.2	0.9	1.3	1.1	1.4	1.5	1.7	1.3	1.1
Manikganj	Daulatpur	1.5	2.0	1.8	1.6	1.4	1.5	1.4	1.1	1.3	1.0	1.3	1.2	1.4	1.6	1.6	1.3	1.2
	Ghior	1.5	2.0	1.8	1.5	1.4	1.5	1.4	1.1	1.3	1.0	1.3	1.2	1.4	1.6	1.6	1.3	1.2
	Harirampur	1.5	2.0	1.8	1.5	1.4	1.5	1.4	1.1	1.3	1.0	1.3	1.2	1.4	1.5	1.6	1.3	1.1
	Manikganj Sad	1.5	2.0	1.8	1.5	1.4	1.5	1.4	1.1	1.3	1.0	1.3	1.2	1.4	1.6	1.6	1.3	1.2
	Saturia	1.5	2.0	1.8	1.5	1.4	1.5	1.4	1.1	1.3	1.0	1.3	1.2	1.4	1.6	1.6	1.3	1.2
	Shibalaya	1.5	2.0	1.8	1.6	1.4	1.5	1.4	1.1	1.3	1.0	1.3	1.2	1.4	1.6	1.6	1.3	1.2
	Singair	1.5	2.0	1.8	1.5	1.4	1.5	1.3	1.1	1.3	1.0	1.3	1.2	1.4	1.5	1.6	1.3	1.1
Maulvibazar	Barlekha	1.3	2.1	1.9	1.2	1.3	1.3	1.3	1.3	1.5	1.2	1.5	1.5	1.4	1.6	1.5	1.3	1.3
	Juri	1.3	2.1	1.9	1.2	1.3	1.4	1.3	1.2	1.5	1.2	1.4	1.4	1.4	1.6	1.5	1.3	1.3
	Kamalganj	1.3	2.0	1.9	1.3	1.4	1.4	1.3	1.1	1.4	1.1	1.3	1.3	1.4	1.6	1.5	1.3	1.2
	Kulaura	1.3	2.0	1.9	1.2	1.4	1.4	1.3	1.2	1.5	1.1	1.4	1.4	1.4	1.6	1.5	1.3	1.3
	Maulvi Bazar Sa	1.3	2.0	1.9	1.3	1.4	1.4	1.3	1.2	1.5	1.1	1.3	1.4	1.4	1.6	1.5	1.3	1.2
	Rajnagar	1.3	2.0	1.9	1.2	1.3	1.4	1.3	1.2	1.5	1.1	1.4	1.4	1.4	1.6	1.5	1.3	1.3
	Sreemangal	1.3	2.0	1.9	1.3	1.4	1.4	1.3	1.1	1.4	1.1	1.3	1.3	1.4	1.5	1.5	1.3	1.2
Meherpur	Gangni	1.5	1.8	1.8	1.9	1.7	1.5	1.5	1.1	1.3	0.9	1.4	1.2	1.5	1.5	1.8	1.4	1.1
	Meherpur Sadar	1.5	1.8	1.8	1.9	1.7	1.5	1.5	1.1	1.2	0.9	1.4	1.2	1.5	1.5	1.8	1.3	1.1
	Mujib Nagar	1.5	1.8	1.8	1.9	1.7	1.5	1.5	1.1	1.2	0.9	1.4	1.2	1.5	1.5	1.8	1.3	1.1
Munshiganj	Gazaria	1.4	1.9	1.8	1.4	1.4	1.5	1.3	1.0	1.3	0.9	1.2	1.1	1.3	1.5	1.5	1.3	1.1
	Lohajang	1.4	1.9	1.8	1.5	1.3	1.5	1.3	1.0	1.2	0.9	1.2	1.1	1.3	1.5	1.5	1.3	1.1
	Munshiganj Sada	1.4	1.9	1.8	1.4	1.4	1.5	1.3	1.0	1.3	0.9	1.2	1.1	1.3	1.5	1.5	1.3	1.1
	Serajdikhan	1.4	1.9	1.8	1.5	1.4	1.5	1.3	1.0	1.3	0.9	1.3	1.1	1.4	1.5	1.5	1.3	1.1
	Sreenagar	1.4	1.9	1.8	1.5	1.3	1.5	1.3	1.0	1.3	0.9	1.3	1.1	1.4	1.5	1.5	1.3	1.1
	Tongibari	1.4	1.9	1.8	1.5	1.3	1.5	1.3	1.0	1.2	0.9	1.2	1.1	1.3	1.5	1.5	1.3	1.1
Mymensingh	Bhaluka	1.5	2.0	1.9	1.4	1.4	1.4	1.4	1.2	1.4	1.1	1.4	1.3	1.4	1.6	1.6	1.3	1.2
	Dhobaura	1.4	1.9	1.9	1.3	1.3	1.2	1.4	1.3	1.5	1.2	1.5	1.5	1.5	1.6	1.5	1.4	1.3
	Fulbaria	1.5	2.0	1.8	1.4	1.4	1.4	1.4	1.2	1.4	1.1	1.4	1.4	1.4	1.6	1.5	1.3	1.3
	Gaffargaon	1.4	2.0	1.9	1.4	1.4	1.4	1.4	1.2	1.4	1.1	1.4	1.3	1.4	1.6	1.6	1.3	1.2
	Gauripur	1.4	1.9	1.9	1.3	1.4	1.3	1.4	1.2	1.5	1.1	1.4	1.4	1.4	1.6	1.5	1.3	1.3
	Haluaghat	1.5	1.9	1.9	1.3	1.4	1.3	1.4	1.3	1.5	1.2	1.5	1.5	1.5	1.6	1.5	1.4	1.3
	Ishwarganj	1.4	1.9	1.9	1.4	1.4	1.4	1.4	1.2	1.4	1.1	1.4	1.4	1.4	1.6	1.5	1.3	1.3
	Muktagachha	1.5	1.9	1.8	1.4	1.4	1.3	1.4	1.2	1.4	1.1	1.4	1.4	1.4	1.6	1.5	1.3	1.3

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	Mymensingh Sad	1.5	1.9	1.9	1.4	1.4	1.3	1.4	1.2	1.5	1.1	1.4	1.4	1.4	1.6	1.5	1.3	1.3
	Nandail	1.4	2.0	1.9	1.4	1.4	1.4	1.4	1.2	1.4	1.1	1.4	1.4	1.4	1.6	1.5	1.3	1.2
	Phulpur	1.5	1.9	1.9	1.3	1.4	1.3	1.4	1.3	1.5	1.2	1.5	1.4	1.5	1.6	1.5	1.4	1.3
	Tarakanda	1.4	1.9	1.9	1.3	1.4	1.3	1.4	1.2	1.5	1.2	1.4	1.4	1.4	1.6	1.5	1.3	1.3
	Trishal	1.4	2.0	1.9	1.4	1.4	1.4	1.4	1.2	1.4	1.1	1.4	1.4	1.4	1.6	1.5	1.3	1.3
Naogaon	Atrai	1.5	1.8	1.8	1.7	1.7	1.4	1.5	1.2	1.4	1.0	1.5	1.3	1.5	1.6	1.7	1.4	1.3
	Badalgachhi	1.5	1.8	1.8	1.6	1.7	1.3	1.5	1.2	1.4	1.0	1.6	1.4	1.5	1.6	1.7	1.4	1.3
	Dhamoirhat	1.6	1.8	1.8	1.6	1.7	1.3	1.5	1.2	1.4	1.0	1.6	1.4	1.5	1.6	1.7	1.4	1.3
	Manda	1.5	1.8	1.8	1.7	1.7	1.4	1.5	1.2	1.4	1.0	1.6	1.4	1.5	1.6	1.8	1.4	1.3
	Mahadebpur	1.5	1.8	1.8	1.7	1.7	1.4	1.5	1.2	1.4	1.0	1.6	1.4	1.5	1.6	1.7	1.4	1.3
	Naogaon Sadar	1.5	1.8	1.8	1.7	1.7	1.4	1.5	1.2	1.4	1.0	1.5	1.4	1.5	1.6	1.7	1.4	1.3
	Niamatpur	1.6	1.8	1.8	1.7	1.8	1.4	1.5	1.2	1.4	1.0	1.6	1.4	1.5	1.6	1.8	1.4	1.3
	Patnitala	1.6	1.8	1.8	1.6	1.7	1.3	1.5	1.2	1.4	1.0	1.6	1.4	1.5	1.6	1.7	1.4	1.3
	Porsha	1.6	1.8	1.8	1.7	1.8	1.3	1.5	1.2	1.4	1.0	1.6	1.4	1.5	1.6	1.8	1.4	1.3
	Raninagar	1.5	1.8	1.8	1.6	1.7	1.4	1.5	1.2	1.4	1.0	1.5	1.4	1.5	1.6	1.7	1.4	1.3
	Sapahar	1.6	1.7	1.8	1.6	1.8	1.3	1.5	1.2	1.4	1.0	1.7	1.5	1.5	1.6	1.7	1.4	1.3
Narail	Kalia	1.4	1.7	1.6	1.5	1.2	1.5	1.3	1.0	1.1	0.9	1.3	1.1	1.3	1.4	1.4	1.2	1.1
	Lohagara	1.4	1.8	1.7	1.6	1.3	1.5	1.3	1.0	1.2	0.9	1.3	1.1	1.3	1.4	1.5	1.2	1.1
	Narail Sadar	1.4	1.8	1.7	1.6	1.3	1.5	1.3	1.0	1.1	0.9	1.3	1.1	1.3	1.4	1.5	1.2	1.1
Narayanganj	Araihazar	1.4	1.9	1.8	1.4	1.4	1.5	1.3	1.0	1.3	1.0	1.2	1.2	1.4	1.5	1.6	1.3	1.1
	Bandar	1.4	1.9	1.8	1.4	1.4	1.5	1.3	1.0	1.3	0.9	1.2	1.1	1.4	1.5	1.5	1.3	1.1
	Narayanganj Sa	1.4	1.9	1.8	1.4	1.4	1.5	1.3	1.0	1.3	0.9	1.2	1.1	1.4	1.5	1.5	1.3	1.1
	Rupganj	1.4	2.0	1.8	1.4	1.4	1.5	1.3	1.0	1.3	1.0	1.3	1.2	1.4	1.5	1.6	1.3	1.1
	Sonargaon	1.4	1.9	1.8	1.4	1.4	1.5	1.3	1.0	1.3	0.9	1.2	1.1	1.4	1.5	1.6	1.3	1.1
Narsingdi	Belabo	1.4	2.0	1.9	1.4	1.4	1.5	1.3	1.1	1.4	1.0	1.3	1.2	1.4	1.5	1.6	1.3	1.1
	Manohardi	1.4	2.0	1.9	1.4	1.4	1.5	1.3	1.1	1.4	1.0	1.3	1.3	1.4	1.5	1.6	1.3	1.2
	Narsingdi Sada	1.4	2.0	1.8	1.4	1.4	1.5	1.3	1.0	1.3	1.0	1.3	1.2	1.4	1.5	1.6	1.3	1.1
	Palash	1.4	2.0	1.8	1.4	1.4	1.5	1.3	1.1	1.3	1.0	1.3	1.2	1.4	1.5	1.6	1.3	1.1
	Roypura	1.4	2.0	1.9	1.4	1.4	1.5	1.3	1.1	1.3	1.0	1.3	1.2	1.4	1.5	1.6	1.3	1.1
	Shibpur	1.4	2.0	1.9	1.4	1.4	1.5	1.3	1.1	1.3	1.0	1.3	1.2	1.4	1.5	1.6	1.3	1.1
Natore	Bagati Para	1.5	1.9	1.8	1.8	1.7	1.5	1.5	1.2	1.3	1.0	1.4	1.3	1.5	1.6	1.8	1.4	1.2
	Baraigram	1.5	1.9	1.8	1.7	1.6	1.5	1.5	1.1	1.3	1.0	1.4	1.3	1.5	1.6	1.7	1.4	1.2
	Gurudaspur	1.5	1.9	1.8	1.7	1.6	1.5	1.5	1.2	1.4	1.0	1.4	1.3	1.5	1.6	1.7	1.4	1.2
	Lalpur	1.5	1.9	1.8	1.8	1.7	1.5	1.5	1.1	1.3	1.0	1.4	1.3	1.5	1.5	1.8	1.4	1.2
	Naldanga	1.5	1.8	1.8	1.7	1.7	1.4	1.5	1.2	1.4	1.0	1.5	1.3	1.5	1.6	1.7	1.4	1.2
	Natore Sadar	1.5	1.9	1.8	1.7	1.7	1.5	1.5	1.2	1.4	1.0	1.5	1.3	1.5	1.6	1.7	1.4	1.2
	Singra	1.5	1.9	1.8	1.6	1.6	1.4	1.5	1.2	1.4	1.0	1.5	1.3	1.5	1.6	1.7	1.4	1.2
Netrakona	Atpara	1.4	1.9	1.9	1.3	1.3	1.3	1.3	1.2	1.5	1.2	1.4	1.4	1.4	1.6	1.5	1.3	1.3

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	Barhatta	1.4	1.9	1.9	1.3	1.3	1.3	1.4	1.3	1.5	1.2	1.4	1.5	1.4	1.6	1.5	1.3	1.3
	Durgapur	1.4	1.9	1.9	1.3	1.3	1.2	1.4	1.3	1.5	1.2	1.5	1.5	1.5	1.6	1.5	1.4	1.3
	Kalmakanda	1.4	1.9	1.9	1.3	1.3	1.2	1.4	1.3	1.5	1.2	1.5	1.5	1.5	1.6	1.5	1.4	1.3
	Kendua	1.4	1.9	1.9	1.3	1.4	1.4	1.3	1.2	1.5	1.1	1.4	1.4	1.4	1.6	1.5	1.3	1.3
	Khaliajuri	1.4	2.0	1.9	1.3	1.3	1.3	1.3	1.2	1.5	1.1	1.4	1.4	1.4	1.6	1.5	1.3	1.3
	Madan	1.4	1.9	1.9	1.3	1.4	1.4	1.3	1.2	1.5	1.1	1.4	1.4	1.4	1.6	1.5	1.3	1.3
	Mohanganj	1.4	1.9	1.9	1.3	1.3	1.3	1.3	1.2	1.5	1.2	1.4	1.5	1.4	1.6	1.5	1.3	1.3
	Netrokona Sada	1.4	1.9	1.9	1.3	1.3	1.3	1.4	1.3	1.5	1.2	1.4	1.5	1.4	1.6	1.5	1.3	1.3
	Purbadhala	1.4	1.9	1.9	1.3	1.3	1.3	1.4	1.3	1.5	1.2	1.5	1.5	1.5	1.6	1.5	1.4	1.3
Nilphamari	Dimla	1.4	1.5	1.6	1.4	1.7	1.1	1.4	1.2	1.5	1.1	1.6	1.7	1.4	1.5	1.6	1.3	1.4
	Domar	1.4	1.4	1.6	1.5	1.7	1.1	1.4	1.2	1.5	1.0	1.7	1.7	1.4	1.5	1.6	1.3	1.4
	Jaldhaka	1.4	1.5	1.7	1.5	1.7	1.2	1.4	1.3	1.5	1.1	1.6	1.7	1.5	1.5	1.6	1.3	1.3
	Kishoreganj	1.4	1.6	1.7	1.5	1.7	1.2	1.4	1.3	1.5	1.1	1.6	1.7	1.5	1.6	1.6	1.3	1.3
	Nilphamari Sada	1.4	1.5	1.7	1.5	1.7	1.2	1.4	1.2	1.5	1.1	1.6	1.7	1.5	1.5	1.6	1.3	1.3
	Saidpur	1.4	1.6	1.7	1.5	1.7	1.2	1.4	1.2	1.5	1.1	1.6	1.7	1.5	1.6	1.6	1.3	1.3
Noakhali	Begumganj	1.2	1.7	1.6	1.2	1.2	1.5	1.1	0.8	1.2	0.8	1.2	1.0	1.2	1.3	1.4	1.2	1.0
	Chatkhil	1.2	1.8	1.7	1.3	1.2	1.5	1.2	0.9	1.2	0.8	1.2	1.0	1.2	1.3	1.4	1.2	1.0
	Companiganj	1.1	1.7	1.6	1.2	1.1	1.4	1.1	0.8	1.2	0.8	1.1	1.1	1.2	1.3	1.3	1.1	1.0
	Hatiya	1.0	1.5	1.5	1.1	0.8	1.3	1.0	0.7	1.1	0.8	1.2	1.1	1.1	1.2	1.1	1.0	1.0
	Kabirhat	1.1	1.7	1.6	1.2	1.1	1.4	1.1	0.8	1.2	0.8	1.2	1.1	1.2	1.3	1.3	1.1	1.0
	Noakhali Sadar	1.2	1.7	1.6	1.2	1.1	1.5	1.1	0.8	1.2	0.8	1.2	1.1	1.2	1.3	1.3	1.1	1.0
	Senbagh	1.2	1.7	1.7	1.2	1.2	1.5	1.1	0.8	1.2	0.8	1.1	1.0	1.2	1.3	1.4	1.2	1.0
	Sonaimuri	1.2	1.8	1.7	1.3	1.2	1.5	1.1	0.9	1.2	0.8	1.2	1.0	1.2	1.3	1.4	1.2	1.0
	Subarnachar	1.1	1.6	1.6	1.2	1.0	1.4	1.1	0.8	1.2	0.8	1.2	1.1	1.2	1.3	1.2	1.1	1.0
Pabna	Atgharia	1.5	1.9	1.8	1.7	1.6	1.5	1.5	1.1	1.3	1.0	1.4	1.2	1.5	1.6	1.7	1.4	1.2
	Bera	1.5	1.9	1.8	1.6	1.5	1.5	1.4	1.1	1.3	1.0	1.3	1.2	1.4	1.6	1.6	1.3	1.2
	Bhangura	1.5	1.9	1.8	1.7	1.6	1.5	1.5	1.1	1.3	1.0	1.4	1.3	1.5	1.6	1.7	1.4	1.2
	Chatmohar	1.5	1.9	1.8	1.7	1.6	1.5	1.5	1.1	1.3	1.0	1.4	1.3	1.5	1.6	1.7	1.4	1.2
	Faridpur	1.5	1.9	1.8	1.7	1.6	1.5	1.5	1.1	1.3	1.0	1.4	1.3	1.5	1.6	1.7	1.4	1.2
	Ishwardi	1.5	1.9	1.8	1.8	1.6	1.5	1.5	1.1	1.3	1.0	1.4	1.2	1.5	1.5	1.7	1.4	1.2
	Pabna Sadar	1.5	1.9	1.8	1.7	1.6	1.5	1.5	1.1	1.3	1.0	1.4	1.2	1.5	1.5	1.7	1.3	1.2
	Santhia	1.5	1.9	1.8	1.7	1.5	1.5	1.4	1.1	1.3	1.0	1.4	1.2	1.5	1.6	1.7	1.3	1.2
	Sujanagar	1.5	1.9	1.8	1.7	1.5	1.5	1.4	1.1	1.3	1.0	1.3	1.2	1.4	1.5	1.7	1.3	1.2
Panchagarh	Atwari	1.4	1.4	1.6	1.5	1.8	1.1	1.5	1.2	1.5	1.0	1.7	1.7	1.4	1.5	1.6	1.3	1.4
	Boda	1.4	1.4	1.6	1.5	1.8	1.1	1.5	1.2	1.5	1.0	1.7	1.7	1.4	1.5	1.6	1.3	1.4
	Debiganj	1.4	1.4	1.6	1.5	1.7	1.1	1.5	1.2	1.5	1.0	1.7	1.7	1.5	1.5	1.6	1.3	1.4
	Panchagarh Sad	1.4	1.4	1.6	1.4	1.8	1.1	1.5	1.2	1.5	1.0	1.7	1.8	1.4	1.5	1.6	1.3	1.4
	Tentulia	1.4	1.3	1.6	1.4	1.8	1.1	1.5	1.2	1.5	1.0	1.7	1.8	1.4	1.5	1.6	1.3	1.4

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Patuakhali	Bauphal	1.1	1.5	1.5	1.2	0.8	1.3	1.1	0.8	1.1	0.9	1.2	1.1	1.1	1.2	1.1	1.1	1.0
	Dashmina	1.0	1.4	1.4	1.2	0.6	1.2	1.0	0.8	1.0	0.9	1.2	1.1	1.1	1.2	1.1	1.0	1.0
	Dumki	1.1	1.5	1.5	1.2	0.7	1.3	1.1	0.8	1.1	0.9	1.2	1.1	1.1	1.2	1.1	1.1	1.0
	Galachipa	1.0	1.3	1.4	1.1	0.5	1.2	1.0	0.7	1.0	0.9	1.2	1.1	1.0	1.1	1.0	1.0	1.0
	Kala Para	0.9	1.2	1.3	1.1	0.3	1.0	0.9	0.7	0.9	0.9	1.1	1.1	1.0	1.1	0.9	0.9	1.0
	Mirzaganj	1.1	1.4	1.4	1.2	0.6	1.2	1.0	0.8	1.0	0.9	1.2	1.1	1.1	1.2	1.1	1.0	1.0
	Patuakhali Sadar	1.1	1.4	1.4	1.2	0.7	1.2	1.0	0.8	1.0	0.9	1.2	1.1	1.1	1.2	1.1	1.0	1.0
	Rangabali	0.9	1.2	1.3	1.1	0.4	1.0	0.9	0.7	1.0	0.9	1.1	1.2	1.0	1.1	0.9	0.9	1.0
Pirojpur	Bhandaria	1.1	1.4	1.4	1.3	0.7	1.3	1.1	0.8	1.0	0.9	1.2	1.1	1.1	1.2	1.1	1.1	1.1
	Zianagar	1.1	1.5	1.4	1.3	0.7	1.3	1.1	0.8	1.0	0.9	1.2	1.1	1.1	1.2	1.2	1.1	1.1
	Kawkhali	1.2	1.5	1.5	1.3	0.8	1.4	1.1	0.9	1.1	0.9	1.2	1.1	1.2	1.3	1.2	1.1	1.1
	Mathbaria	1.1	1.3	1.4	1.2	0.6	1.2	1.0	0.8	1.0	0.9	1.2	1.1	1.1	1.2	1.1	1.0	1.1
	Nazirpur	1.3	1.6	1.5	1.4	1.0	1.4	1.2	0.9	1.1	0.9	1.3	1.1	1.2	1.3	1.3	1.2	1.1
	Nesarabad	1.2	1.6	1.5	1.3	0.9	1.4	1.2	0.9	1.1	0.9	1.3	1.1	1.2	1.3	1.3	1.1	1.1
	Pirojpur Sadar	1.2	1.5	1.5	1.3	0.8	1.4	1.2	0.9	1.1	0.9	1.2	1.1	1.2	1.3	1.2	1.1	1.1
Rajbari	Balia Kandi	1.5	1.9	1.8	1.6	1.4	1.5	1.4	1.1	1.2	0.9	1.3	1.2	1.4	1.5	1.6	1.3	1.1
	Goalandaghat	1.5	1.9	1.8	1.6	1.4	1.5	1.4	1.1	1.3	1.0	1.3	1.2	1.4	1.5	1.6	1.3	1.1
	Kalukhali	1.5	1.9	1.8	1.7	1.5	1.5	1.4	1.1	1.3	1.0	1.3	1.2	1.4	1.5	1.7	1.3	1.1
	Pangsha	1.5	1.9	1.8	1.7	1.5	1.5	1.4	1.1	1.3	1.0	1.3	1.2	1.4	1.5	1.7	1.3	1.1
	Rajbari Sadar	1.5	1.9	1.8	1.6	1.4	1.5	1.4	1.1	1.3	1.0	1.3	1.2	1.4	1.5	1.6	1.3	1.1
Rajshahi	Bagha	1.5	1.8	1.8	1.8	1.7	1.5	1.5	1.1	1.3	1.0	1.4	1.3	1.5	1.5	1.8	1.4	1.2
	Baghmara	1.5	1.8	1.8	1.7	1.7	1.4	1.5	1.2	1.4	1.0	1.5	1.3	1.5	1.6	1.8	1.4	1.3
	Charghat	1.5	1.8	1.8	1.8	1.7	1.5	1.5	1.2	1.3	1.0	1.5	1.3	1.5	1.5	1.8	1.4	1.2
	Durgapur	1.5	1.8	1.8	1.8	1.7	1.4	1.5	1.2	1.4	1.0	1.5	1.3	1.5	1.6	1.8	1.4	1.2
	Godagari	1.5	1.8	1.8	1.8	1.8	1.4	1.5	1.2	1.4	1.0	1.5	1.3	1.5	1.6	1.8	1.4	1.2
	Mohanpur	1.5	1.8	1.8	1.8	1.8	1.4	1.5	1.2	1.4	1.0	1.5	1.3	1.5	1.6	1.8	1.4	1.3
	Paba	1.5	1.8	1.8	1.8	1.8	1.5	1.5	1.2	1.3	1.0	1.5	1.3	1.5	1.5	1.8	1.4	1.2
	Puthia	1.5	1.8	1.8	1.8	1.7	1.5	1.5	1.2	1.3	1.0	1.5	1.3	1.5	1.6	1.8	1.4	1.2
	Tanore	1.5	1.8	1.8	1.8	1.8	1.4	1.5	1.2	1.4	1.0	1.5	1.4	1.5	1.6	1.8	1.4	1.3
Rangamati	Baghai Chhari	1.2	1.9	1.7	1.2	1.5	1.4	1.1	0.9	1.3	0.9	1.2	1.2	1.3	1.4	1.5	1.2	1.0
	Barkal	1.1	1.7	1.6	1.0	1.3	1.2	1.0	0.8	1.3	0.8	1.2	1.2	1.2	1.3	1.3	1.1	1.0
	Belai Chhari	1.0	1.6	1.5	1.0	1.0	1.2	1.0	0.8	1.3	0.9	1.3	1.4	1.1	1.3	1.2	1.1	1.1
	Jurai Chhari	1.0	1.7	1.6	1.0	1.2	1.2	1.0	0.8	1.3	0.9	1.2	1.3	1.2	1.3	1.2	1.1	1.0
	Kaptai	1.0	1.6	1.6	1.0	1.1	1.2	1.0	0.8	1.2	0.8	1.2	1.3	1.1	1.3	1.2	1.1	1.0
	Kawkhali	1.0	1.7	1.6	1.1	1.1	1.3	1.0	0.8	1.2	0.8	1.2	1.2	1.2	1.3	1.3	1.1	1.0
	Langadu	1.1	1.8	1.7	1.1	1.3	1.3	1.0	0.8	1.3	0.8	1.2	1.2	1.2	1.3	1.4	1.1	1.0
	Naniarchar	1.1	1.7	1.6	1.1	1.3	1.3	1.0	0.8	1.2	0.8	1.2	1.2	1.2	1.3	1.3	1.1	1.0
	Rajasthali	1.0	1.6	1.5	1.0	1.0	1.2	1.0	0.8	1.2	0.9	1.2	1.3	1.1	1.3	1.2	1.0	1.0

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	Rangamati Sada	1.0	1.7	1.6	1.0	1.2	1.2	1.0	0.8	1.2	0.8	1.2	1.2	1.2	1.3	1.3	1.1	1.0
Rangpur	Badarganj	1.5	1.6	1.7	1.5	1.6	1.2	1.4	1.3	1.5	1.1	1.6	1.6	1.5	1.6	1.6	1.3	1.3
	Gangachara	1.4	1.6	1.7	1.4	1.6	1.2	1.4	1.3	1.5	1.1	1.6	1.7	1.5	1.6	1.6	1.3	1.3
	Kaunia	1.4	1.6	1.7	1.4	1.6	1.2	1.4	1.3	1.5	1.1	1.6	1.7	1.5	1.6	1.6	1.3	1.3
	Mitha Pukur	1.5	1.7	1.8	1.5	1.6	1.2	1.4	1.3	1.5	1.1	1.6	1.6	1.5	1.6	1.6	1.3	1.3
	Pirgachha	1.4	1.7	1.7	1.4	1.6	1.2	1.4	1.3	1.5	1.1	1.6	1.6	1.5	1.6	1.6	1.3	1.3
	Pirganj	1.5	1.7	1.8	1.5	1.6	1.2	1.4	1.2	1.5	1.1	1.6	1.5	1.5	1.6	1.6	1.3	1.3
	Rangpur Sadar	1.4	1.6	1.7	1.5	1.6	1.2	1.4	1.3	1.5	1.1	1.6	1.6	1.5	1.6	1.6	1.3	1.3
	Taraganj	1.4	1.6	1.7	1.5	1.7	1.2	1.4	1.3	1.5	1.1	1.6	1.6	1.5	1.6	1.6	1.3	1.3
Satkhira	Assasuni	1.2	1.5	1.5	1.5	0.9	1.3	1.2	0.9	0.9	0.9	1.3	1.1	1.2	1.3	1.3	1.1	1.1
	Debhata	1.2	1.5	1.5	1.6	1.0	1.3	1.3	0.9	0.9	0.9	1.3	1.1	1.2	1.3	1.4	1.1	1.1
	Kalaroa	1.3	1.6	1.6	1.7	1.3	1.4	1.4	1.0	1.0	0.9	1.3	1.1	1.3	1.4	1.5	1.2	1.1
	Kaliganj	1.2	1.4	1.5	1.5	0.9	1.2	1.2	0.9	0.9	0.9	1.3	1.1	1.2	1.2	1.3	1.1	1.1
	Satkhira Sadar	1.3	1.6	1.5	1.6	1.1	1.4	1.3	0.9	1.0	0.9	1.3	1.1	1.2	1.3	1.4	1.1	1.1
	Shyamnagar	1.0	1.2	1.3	1.3	0.5	1.0	1.0	0.8	0.8	0.9	1.2	1.2	1.0	1.1	1.1	0.9	1.0
	Tala	1.3	1.6	1.5	1.6	1.1	1.4	1.3	0.9	1.0	0.9	1.3	1.1	1.2	1.3	1.4	1.2	1.1
Shariatpur	Bhedarganj	1.3	1.8	1.7	1.4	1.3	1.5	1.2	0.9	1.2	0.9	1.2	1.0	1.3	1.4	1.5	1.2	1.0
	Damudya	1.3	1.8	1.7	1.4	1.2	1.5	1.2	0.9	1.2	0.9	1.2	1.0	1.3	1.4	1.4	1.2	1.0
	Gosairhat	1.3	1.8	1.7	1.4	1.2	1.5	1.2	0.9	1.2	0.9	1.2	1.0	1.3	1.4	1.4	1.2	1.0
	Naria	1.4	1.9	1.7	1.4	1.3	1.5	1.2	1.0	1.2	0.9	1.2	1.1	1.3	1.4	1.5	1.2	1.1
	Shariatpur Sadar	1.3	1.8	1.7	1.4	1.2	1.5	1.2	1.0	1.2	0.9	1.2	1.0	1.3	1.4	1.5	1.2	1.1
	Zanjira	1.4	1.9	1.8	1.5	1.3	1.5	1.3	1.0	1.2	0.9	1.2	1.1	1.3	1.4	1.5	1.2	1.1
Sherpur	Jhenaigati	1.5	1.9	1.8	1.3	1.4	1.2	1.4	1.3	1.5	1.2	1.5	1.5	1.5	1.6	1.5	1.3	1.3
	Nakla	1.5	1.9	1.8	1.3	1.4	1.3	1.4	1.3	1.5	1.2	1.5	1.4	1.5	1.6	1.5	1.4	1.3
	Nalitabari	1.5	1.9	1.8	1.3	1.4	1.2	1.4	1.3	1.5	1.2	1.5	1.5	1.5	1.6	1.5	1.4	1.3
	Sherpur Sadar	1.5	1.9	1.8	1.4	1.4	1.3	1.4	1.3	1.5	1.2	1.5	1.4	1.5	1.6	1.5	1.4	1.3
	Sreebardi	1.5	1.9	1.8	1.3	1.4	1.2	1.4	1.3	1.5	1.2	1.5	1.5	1.5	1.6	1.5	1.4	1.3
Sirajganj	Belkuchi	1.5	1.9	1.8	1.6	1.5	1.5	1.4	1.1	1.4	1.0	1.4	1.3	1.5	1.6	1.6	1.3	1.2
	Chauhali	1.5	2.0	1.8	1.6	1.5	1.5	1.4	1.1	1.3	1.0	1.4	1.3	1.4	1.6	1.6	1.3	1.2
	Kamarkhanda	1.5	1.9	1.8	1.6	1.5	1.4	1.4	1.2	1.4	1.1	1.4	1.3	1.5	1.6	1.6	1.3	1.2
	Kazipur	1.5	1.9	1.8	1.5	1.5	1.4	1.4	1.2	1.4	1.1	1.5	1.4	1.5	1.6	1.6	1.4	1.3
	Royganj	1.5	1.9	1.8	1.6	1.5	1.4	1.4	1.2	1.4	1.1	1.4	1.3	1.5	1.6	1.6	1.4	1.2
	Shahjadpur	1.5	1.9	1.8	1.6	1.5	1.5	1.4	1.1	1.3	1.0	1.4	1.3	1.5	1.6	1.6	1.3	1.2
	Sirajganj Sadar	1.5	1.9	1.8	1.5	1.5	1.4	1.4	1.2	1.4	1.1	1.4	1.3	1.5	1.6	1.6	1.3	1.3
	Tarash	1.5	1.9	1.8	1.6	1.6	1.4	1.5	1.2	1.4	1.0	1.4	1.3	1.5	1.6	1.7	1.4	1.2
	Ullah Para	1.5	1.9	1.8	1.6	1.5	1.5	1.4	1.2	1.4	1.0	1.4	1.3	1.5	1.6	1.7	1.4	1.2
Sunamganj	Bishwambarpur	1.4	2.0	2.0	1.2	1.2	1.2	1.3	1.3	1.5	1.2	1.5	1.6	1.5	1.6	1.5	1.4	1.4
	Chhatak	1.4	2.0	2.0	1.2	1.3	1.3	1.3	1.3	1.5	1.2	1.5	1.5	1.5	1.6	1.5	1.4	1.3

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	Derai	1.4	2.0	1.9	1.3	1.3	1.3	1.3	1.2	1.5	1.2	1.4	1.5	1.4	1.6	1.5	1.3	1.3
	Dharampasha	1.4	1.9	1.9	1.3	1.3	1.2	1.4	1.3	1.5	1.2	1.4	1.5	1.5	1.6	1.5	1.4	1.3
	Dowarabazar	1.4	2.0	2.0	1.2	1.2	1.2	1.3	1.3	1.5	1.3	1.5	1.6	1.5	1.7	1.5	1.4	1.4
	Jagannathpur	1.3	2.0	1.9	1.3	1.3	1.3	1.3	1.2	1.5	1.2	1.4	1.5	1.4	1.6	1.5	1.3	1.3
	Jamalganj	1.4	2.0	1.9	1.3	1.3	1.3	1.3	1.3	1.5	1.2	1.4	1.5	1.4	1.6	1.5	1.4	1.3
	Dak. Sunamganj	1.4	2.0	2.0	1.3	1.3	1.3	1.3	1.3	1.5	1.2	1.4	1.5	1.4	1.6	1.5	1.4	1.3
	Sulla	1.4	2.0	1.9	1.3	1.3	1.3	1.3	1.2	1.5	1.1	1.4	1.4	1.4	1.6	1.5	1.3	1.3
	Sunamganj Sada	1.4	2.0	2.0	1.2	1.2	1.2	1.3	1.3	1.5	1.2	1.5	1.6	1.5	1.6	1.5	1.4	1.3
	Tahirpur	1.4	1.9	2.0	1.3	1.3	1.2	1.4	1.3	1.5	1.2	1.5	1.6	1.5	1.6	1.5	1.4	1.4
Sylhet	Balaganj	1.3	2.0	1.9	1.2	1.3	1.3	1.3	1.2	1.5	1.2	1.4	1.5	1.4	1.6	1.5	1.3	1.3
	Beani Bazar	1.4	2.1	1.9	1.2	1.2	1.3	1.3	1.3	1.5	1.2	1.5	1.5	1.5	1.7	1.4	1.3	1.4
	Bishwanath	1.4	2.0	1.9	1.2	1.3	1.3	1.3	1.3	1.5	1.2	1.4	1.5	1.5	1.6	1.5	1.4	1.3
	Companiganj	1.4	2.1	2.0	1.2	1.2	1.2	1.3	1.3	1.6	1.3	1.5	1.6	1.5	1.7	1.5	1.4	1.4
	Dakshin Surma	1.4	2.1	1.9	1.2	1.3	1.3	1.3	1.3	1.5	1.2	1.4	1.5	1.5	1.6	1.5	1.4	1.3
	Fenchuganj	1.3	2.1	1.9	1.2	1.3	1.3	1.3	1.2	1.5	1.2	1.4	1.5	1.4	1.6	1.5	1.3	1.3
	Jaintiapur	1.4	2.1	2.0	1.2	1.2	1.2	1.3	1.3	1.6	1.3	1.5	1.6	1.5	1.7	1.4	1.4	1.4
	Golabganj	1.4	2.1	1.9	1.2	1.3	1.3	1.3	1.3	1.5	1.2	1.5	1.5	1.5	1.6	1.5	1.4	1.3
	Gowainghat	1.4	2.1	2.0	1.2	1.2	1.2	1.3	1.3	1.6	1.3	1.5	1.6	1.5	1.7	1.4	1.4	1.4
	Kanaighat	1.4	2.1	2.0	1.1	1.2	1.3	1.3	1.3	1.6	1.3	1.5	1.6	1.5	1.7	1.4	1.4	1.4
	Sylhet Sadar	1.4	2.1	2.0	1.2	1.2	1.3	1.3	1.3	1.5	1.3	1.5	1.5	1.5	1.7	1.5	1.4	1.4
	Zakiganj	1.4	2.1	1.9	1.1	1.2	1.3	1.3	1.3	1.5	1.3	1.5	1.6	1.5	1.7	1.4	1.3	1.4
Tangail	Basail	1.5	2.0	1.8	1.5	1.4	1.5	1.4	1.1	1.4	1.1	1.4	1.3	1.4	1.6	1.6	1.3	1.2
	Bhuapur	1.5	1.9	1.8	1.5	1.5	1.4	1.4	1.2	1.4	1.1	1.4	1.3	1.5	1.6	1.6	1.3	1.3
	Delduar	1.5	2.0	1.8	1.5	1.4	1.5	1.4	1.1	1.3	1.0	1.4	1.3	1.4	1.6	1.6	1.3	1.2
	Dhanbari	1.5	1.9	1.8	1.4	1.4	1.4	1.4	1.2	1.4	1.1	1.5	1.4	1.5	1.6	1.6	1.3	1.3
	Ghatail	1.5	2.0	1.8	1.4	1.4	1.4	1.4	1.2	1.4	1.1	1.4	1.3	1.4	1.6	1.6	1.3	1.2
	Gopalpur	1.5	1.9	1.8	1.5	1.4	1.4	1.4	1.2	1.4	1.1	1.4	1.3	1.5	1.6	1.6	1.3	1.3
	Kalihati	1.5	2.0	1.8	1.5	1.4	1.4	1.4	1.2	1.4	1.1	1.4	1.3	1.4	1.6	1.6	1.3	1.2
	Mirzapur	1.5	2.0	1.8	1.5	1.4	1.5	1.4	1.1	1.3	1.0	1.3	1.3	1.4	1.6	1.6	1.3	1.2
	Madhupur	1.5	1.9	1.8	1.4	1.4	1.4	1.4	1.2	1.4	1.1	1.4	1.4	1.4	1.6	1.6	1.3	1.3
	Nagarpur	1.5	2.0	1.8	1.5	1.4	1.5	1.4	1.1	1.3	1.0	1.4	1.2	1.4	1.6	1.6	1.3	1.2
	Sakhipur	1.5	2.0	1.8	1.5	1.4	1.4	1.4	1.1	1.4	1.1	1.4	1.3	1.4	1.6	1.6	1.3	1.2
	Tangail Sadar	1.5	2.0	1.8	1.5	1.4	1.5	1.4	1.1	1.4	1.1	1.4	1.3	1.4	1.6	1.6	1.3	1.2
Thakurgaon	Baliadangi	1.4	1.4	1.7	1.5	1.9	1.1	1.5	1.2	1.4	1.0	1.7	1.7	1.5	1.5	1.7	1.3	1.4
	Haripur	1.5	1.5	1.7	1.6	1.9	1.1	1.5	1.2	1.4	1.0	1.7	1.7	1.5	1.5	1.7	1.3	1.4
	Pirganj	1.5	1.5	1.7	1.6	1.8	1.2	1.5	1.2	1.4	1.0	1.7	1.7	1.5	1.5	1.7	1.3	1.4
	Ranisankail	1.4	1.5	1.7	1.5	1.9	1.1	1.5	1.2	1.4	1.0	1.7	1.7	1.5	1.5	1.7	1.3	1.4
	Thakurgaon Sada	1.4	1.4	1.7	1.5	1.8	1.1	1.5	1.2	1.4	1.0	1.7	1.7	1.5	1.5	1.7	1.3	1.4

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Table 6.2: Projected maximum temperature change for 487 upazilas in Bangladesh under RCP4.5 scenarios for the year 2050.

Dist. Name	Upz. Name	Jan(°C)	Feb(°C)	Mar(°C)	Apr(°C)	May(°C)	Jun(°C)	Jul(°C)	Aug(°C)	Sep(°C)	Oct(°C)	Nov(°C)	Dec(°C)	Ann(°C)	Winter	Pre-mon	Mon	Post-mon
Bagerhat	Bagerhat Sadar	1.0	1.1	1.7	1.2	1.5	1.1	1.1	1.3	1.7	1.7	1.7	2.2	1.4	1.4	1.5	1.3	1.7
	Chitalmari	1.1	1.1	1.7	1.3	1.5	1.1	1.1	1.3	1.7	1.8	1.7	2.2	1.5	1.4	1.5	1.3	1.7
	Fakirhat	1.0	1.1	1.7	1.2	1.5	1.1	1.1	1.3	1.7	1.8	1.7	2.2	1.4	1.4	1.5	1.3	1.7
	Kachua	1.0	1.1	1.7	1.3	1.5	1.1	1.1	1.3	1.7	1.7	1.7	2.2	1.4	1.4	1.5	1.3	1.7
	Mongla	0.9	1.0	1.7	1.2	1.4	1.0	1.0	1.3	1.6	1.6	1.6	2.0	1.4	1.3	1.4	1.2	1.6
	Mollahat	1.1	1.1	1.7	1.3	1.5	1.1	1.1	1.3	1.7	1.8	1.7	2.2	1.5	1.5	1.5	1.3	1.7
	Morrelganj	1.0	1.1	1.7	1.2	1.5	1.1	1.1	1.3	1.7	1.7	1.6	2.1	1.4	1.4	1.5	1.3	1.7
	Rampal	1.0	1.1	1.7	1.2	1.5	1.1	1.1	1.3	1.7	1.7	1.6	2.1	1.4	1.4	1.5	1.3	1.7
	Sarankhola	0.9	1.0	1.7	1.2	1.4	1.0	1.0	1.2	1.6	1.6	1.6	2.0	1.4	1.3	1.5	1.2	1.6
Bandarban	Alikadam	1.0	1.1	1.7	1.2	1.5	1.1	1.1	1.3	1.7	1.7	1.7	2.2	1.4	1.4	1.5	1.3	1.7
	Bandarban Sad	0.9	1.0	1.6	1.6	1.6	1.7	1.2	1.1	1.6	1.6	1.5	2.0	1.5	1.3	1.6	1.4	1.6
	Lama	0.9	0.9	1.6	1.6	1.7	1.7	1.2	1.2	1.6	1.7	1.6	2.2	1.5	1.3	1.6	1.4	1.7
	Naikhongchhar	0.9	1.0	1.6	1.6	1.6	1.7	1.2	1.1	1.6	1.6	1.6	2.1	1.5	1.3	1.6	1.4	1.6
	Rowangchhari	0.9	1.0	1.6	1.6	1.6	1.6	1.2	1.1	1.6	1.6	1.5	2.0	1.4	1.3	1.6	1.4	1.5
	Ruma	0.9	0.9	1.6	1.6	1.7	1.8	1.3	1.2	1.6	1.7	1.7	2.2	1.5	1.3	1.6	1.5	1.7
	Thanchi	0.9	1.0	1.6	1.6	1.6	1.8	1.3	1.1	1.6	1.6	1.6	2.1	1.5	1.3	1.6	1.5	1.6
Barguna	Amtali	0.9	1.0	1.7	1.3	1.5	1.2	1.0	1.2	1.6	1.6	1.6	2.0	1.4	1.3	1.5	1.3	1.6
	Bamna	0.9	1.0	1.7	1.3	1.5	1.1	1.0	1.3	1.6	1.6	1.6	2.0	1.4	1.3	1.5	1.3	1.6
	Barguna Sadar	0.9	1.0	1.7	1.3	1.5	1.1	1.0	1.2	1.6	1.6	1.6	2.0	1.4	1.3	1.5	1.2	1.6
	Betagi	0.9	1.0	1.7	1.3	1.5	1.2	1.1	1.3	1.6	1.7	1.6	2.1	1.4	1.3	1.5	1.3	1.6
	Patharghata	0.9	1.0	1.7	1.2	1.4	1.1	1.0	1.2	1.6	1.6	1.6	2.0	1.4	1.3	1.5	1.2	1.6
	Taltoli	0.9	1.0	1.7	1.3	1.4	1.1	1.0	1.2	1.6	1.6	1.6	1.9	1.4	1.3	1.5	1.2	1.6
Barisal	Agailjhara	1.0	1.1	1.7	1.3	1.5	1.2	1.2	1.3	1.7	1.8	1.7	2.2	1.5	1.4	1.5	1.3	1.7
	Babuganj	1.0	1.0	1.7	1.3	1.6	1.3	1.2	1.3	1.7	1.8	1.7	2.2	1.5	1.4	1.5	1.4	1.7
	Bakerganj	1.0	1.0	1.7	1.3	1.5	1.3	1.1	1.3	1.7	1.7	1.7	2.2	1.5	1.4	1.5	1.3	1.7
	Banari Para	1.0	1.0	1.7	1.3	1.5	1.2	1.1	1.3	1.7	1.7	1.7	2.2	1.5	1.4	1.5	1.3	1.7
	Barisal Sadar	1.0	1.0	1.7	1.3	1.6	1.3	1.2	1.3	1.7	1.7	1.7	2.2	1.5	1.4	1.5	1.4	1.7
	Gaurnadi	1.0	1.0	1.7	1.3	1.5	1.2	1.2	1.3	1.7	1.8	1.7	2.3	1.5	1.4	1.5	1.3	1.7
	Hizla	1.0	1.0	1.7	1.4	1.6	1.4	1.2	1.3	1.7	1.8	1.7	2.3	1.5	1.4	1.6	1.4	1.7
	Mehendiganj	1.0	1.0	1.7	1.4	1.6	1.4	1.2	1.3	1.7	1.8	1.7	2.3	1.5	1.4	1.5	1.4	1.7
	Muladi	1.0	1.0	1.7	1.3	1.6	1.3	1.2	1.3	1.7	1.8	1.7	2.3	1.5	1.4	1.5	1.4	1.7
	Wazirpur	1.0	1.0	1.7	1.3	1.5	1.2	1.2	1.3	1.7	1.8	1.7	2.2	1.5	1.4	1.5	1.3	1.7
Bhola	Bhola Sadar	1.0	1.0	1.7	1.4	1.6	1.4	1.2	1.3	1.7	1.7	1.7	2.2	1.5	1.4	1.6	1.4	1.7
	Burhanuddin	1.0	1.0	1.7	1.4	1.6	1.4	1.1	1.2	1.7	1.7	1.7	2.2	1.5	1.4	1.5	1.4	1.7
	Char Fasson	0.9	1.0	1.6	1.4	1.5	1.3	1.1	1.2	1.6	1.6	1.6	2.0	1.4	1.3	1.5	1.3	1.6

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	Daulatkhan	1.0	1.0	1.7	1.4	1.6	1.5	1.2	1.2	1.7	1.7	1.7	2.2	1.5	1.4	1.6	1.4	1.7
	Lalmohan	0.9	1.0	1.7	1.4	1.6	1.4	1.1	1.2	1.6	1.7	1.7	2.1	1.4	1.3	1.5	1.3	1.7
	Manpura	0.9	0.9	1.6	1.4	1.6	1.5	1.1	1.2	1.6	1.7	1.6	2.1	1.4	1.3	1.5	1.4	1.7
	Tazumuddin	0.9	0.9	1.7	1.4	1.6	1.5	1.1	1.2	1.7	1.7	1.7	2.2	1.5	1.4	1.6	1.4	1.7
Bogra	Adamdighi	1.1	1.1	1.9	1.0	1.3	0.8	1.2	1.6	1.9	2.0	1.9	2.3	1.5	1.5	1.4	1.4	2.0
	Bogra Sadar	1.1	1.0	1.8	1.0	1.3	0.9	1.2	1.7	1.9	2.1	2.0	2.4	1.5	1.5	1.4	1.4	2.0
	Dhunat	1.0	1.0	1.8	1.1	1.4	0.9	1.2	1.6	1.9	2.0	1.9	2.3	1.5	1.5	1.4	1.4	2.0
	Dhupchanchia	1.1	1.1	1.9	1.0	1.3	0.9	1.2	1.7	1.9	2.1	1.9	2.4	1.5	1.5	1.4	1.4	2.0
	Gabtali	1.1	1.0	1.8	1.0	1.4	0.9	1.2	1.7	2.0	2.1	2.0	2.4	1.5	1.5	1.4	1.4	2.0
	Kahaloo	1.1	1.1	1.8	1.0	1.3	0.9	1.2	1.7	1.9	2.1	1.9	2.4	1.5	1.5	1.4	1.4	2.0
	Nandigram	1.1	1.0	1.8	1.0	1.3	0.9	1.2	1.6	1.9	2.0	1.9	2.3	1.5	1.5	1.4	1.4	2.0
	Sariakandi	1.0	1.0	1.8	1.0	1.4	0.9	1.2	1.7	2.0	2.1	2.0	2.4	1.5	1.5	1.4	1.5	2.0
	Shajahanpur	1.1	1.0	1.8	1.0	1.4	0.9	1.2	1.6	1.9	2.0	1.9	2.4	1.5	1.5	1.4	1.4	2.0
	Sherpur	1.0	1.0	1.8	1.1	1.4	0.9	1.2	1.6	1.9	2.0	1.9	2.3	1.5	1.5	1.4	1.4	2.0
	Shibganj	1.1	1.1	1.8	1.0	1.3	0.9	1.2	1.7	2.0	2.1	2.0	2.4	1.6	1.5	1.4	1.5	2.1
	Sonatola	1.1	1.0	1.8	1.0	1.4	0.9	1.2	1.7	2.0	2.1	2.0	2.4	1.6	1.5	1.4	1.5	2.1
Brahaman baria	Akhaura	0.8	0.7	1.6	1.3	1.7	1.4	1.4	1.4	1.8	1.9	1.8	2.4	1.5	1.3	1.5	1.5	1.9
	Ashuganj	0.8	0.7	1.6	1.2	1.6	1.4	1.4	1.5	1.8	1.9	1.9	2.4	1.5	1.3	1.5	1.5	1.9
	Banchharampu	0.9	0.8	1.7	1.3	1.6	1.3	1.4	1.4	1.8	1.9	1.8	2.4	1.5	1.3	1.5	1.5	1.8
	Bijoynagar	0.8	0.6	1.6	1.2	1.7	1.4	1.5	1.5	1.8	1.9	1.9	2.4	1.5	1.3	1.5	1.6	1.9
	Brahmanbaria	0.8	0.7	1.6	1.2	1.7	1.4	1.4	1.5	1.8	1.9	1.8	2.4	1.5	1.3	1.5	1.5	1.9
	Kasba	0.9	0.7	1.7	1.3	1.7	1.4	1.4	1.4	1.8	1.9	1.8	2.4	1.5	1.3	1.5	1.5	1.8
	Nabinagar	0.9	0.7	1.7	1.3	1.6	1.4	1.4	1.4	1.8	1.9	1.8	2.4	1.5	1.3	1.5	1.5	1.9
	Nasirnagar	0.8	0.6	1.5	1.2	1.6	1.4	1.5	1.6	1.9	2.0	1.9	2.4	1.5	1.3	1.5	1.6	1.9
	Sarail	0.8	0.6	1.6	1.2	1.6	1.4	1.5	1.5	1.8	1.9	1.9	2.4	1.5	1.3	1.5	1.6	1.9
Chapai Nawabganj	Bholahat	1.1	1.2	2.0	1.0	1.2	0.7	1.1	1.6	1.9	2.0	1.9	2.3	1.5	1.5	1.4	1.3	2.0
	Chapai Nawab	1.1	1.1	1.9	1.0	1.2	0.7	1.1	1.5	1.8	1.9	1.8	2.3	1.5	1.5	1.4	1.3	1.9
	Gomastapur	1.1	1.2	2.0	1.0	1.2	0.7	1.1	1.6	1.9	2.0	1.9	2.3	1.5	1.5	1.4	1.3	2.0
	Nachole	1.1	1.1	1.9	1.0	1.2	0.7	1.1	1.5	1.8	2.0	1.9	2.3	1.5	1.5	1.4	1.3	1.9
	Shibganj	1.1	1.2	2.0	1.0	1.2	0.7	1.1	1.5	1.8	2.0	1.8	2.3	1.5	1.5	1.4	1.3	1.9
Chandpur	Chandpur Sadar	1.0	1.0	1.8	1.4	1.6	1.3	1.3	1.3	1.7	1.8	1.7	2.3	1.5	1.4	1.6	1.4	1.8
	Faridganj	1.0	0.9	1.8	1.4	1.6	1.4	1.3	1.3	1.7	1.8	1.7	2.3	1.5	1.4	1.6	1.4	1.8
	Haim Char	1.0	1.0	1.8	1.4	1.6	1.4	1.2	1.3	1.7	1.8	1.7	2.3	1.5	1.4	1.6	1.4	1.7
	Hajiganj	1.0	0.9	1.8	1.4	1.6	1.4	1.3	1.3	1.7	1.8	1.7	2.3	1.5	1.4	1.6	1.4	1.8
	Kachua	1.0	0.9	1.8	1.4	1.6	1.4	1.3	1.3	1.7	1.8	1.7	2.4	1.5	1.4	1.6	1.4	1.8
	Matlab Dakshin	1.0	0.9	1.8	1.4	1.6	1.3	1.3	1.3	1.7	1.8	1.7	2.3	1.5	1.4	1.6	1.4	1.8

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	Matlab Uttar	1.0	0.9	1.8	1.3	1.6	1.3	1.3	1.3	1.7	1.8	1.7	2.3	1.5	1.4	1.6	1.4	1.8
	Shahrasti	1.0	0.9	1.7	1.4	1.6	1.5	1.3	1.3	1.7	1.8	1.8	2.3	1.5	1.4	1.6	1.4	1.8
Chittagon	Anowara	0.9	0.9	1.6	1.5	1.6	1.7	1.2	1.2	1.6	1.7	1.6	2.1	1.5	1.3	1.6	1.4	1.6
	Banshkhali	0.9	0.9	1.6	1.5	1.6	1.7	1.2	1.1	1.6	1.6	1.6	2.1	1.5	1.3	1.6	1.4	1.6
	Boalkhali	0.9	0.9	1.6	1.5	1.7	1.7	1.2	1.2	1.6	1.7	1.7	2.2	1.5	1.3	1.6	1.5	1.7
	Chandanaish	0.9	0.9	1.6	1.5	1.7	1.7	1.2	1.2	1.6	1.7	1.6	2.2	1.5	1.3	1.6	1.4	1.7
	Fatikchhari	0.9	0.9	1.7	1.5	1.7	1.8	1.3	1.2	1.7	1.8	1.8	2.3	1.5	1.4	1.6	1.5	1.8
	Hathazari	0.9	0.9	1.6	1.5	1.7	1.7	1.3	1.2	1.7	1.7	1.7	2.2	1.5	1.3	1.6	1.5	1.7
	Lohagara	0.9	0.9	1.6	1.6	1.6	1.7	1.2	1.1	1.6	1.6	1.6	2.1	1.5	1.3	1.6	1.4	1.6
	Mirsharai	0.9	0.9	1.7	1.5	1.7	1.7	1.3	1.2	1.7	1.8	1.8	2.3	1.5	1.4	1.6	1.5	1.8
	Patiya	0.9	0.9	1.6	1.5	1.7	1.7	1.2	1.2	1.6	1.7	1.7	2.2	1.5	1.3	1.6	1.4	1.7
	Rangunia	0.9	0.9	1.7	1.5	1.7	1.8	1.3	1.2	1.6	1.7	1.7	2.2	1.5	1.3	1.6	1.5	1.7
	Raozan	0.9	0.9	1.6	1.5	1.7	1.8	1.3	1.2	1.6	1.7	1.7	2.2	1.5	1.3	1.6	1.5	1.7
	Sandwip	0.9	0.9	1.6	1.5	1.7	1.7	1.2	1.2	1.7	1.7	1.7	2.2	1.5	1.4	1.6	1.4	1.7
	Satkania	0.9	0.9	1.6	1.5	1.6	1.7	1.2	1.2	1.6	1.6	1.6	2.1	1.5	1.3	1.6	1.4	1.6
	Sitakunda	0.9	0.9	1.6	1.5	1.6	1.7	1.2	1.2	1.6	1.7	1.6	2.1	1.5	1.3	1.6	1.4	1.6
Chuadanga	Alamdanga	1.0	1.1	1.9	1.1	1.4	0.7	1.0	1.3	1.7	1.8	1.7	2.3	1.4	1.5	1.5	1.2	1.7
	Chuadanga Sadar	1.1	1.1	1.9	1.2	1.4	0.7	1.0	1.3	1.6	1.8	1.7	2.3	1.4	1.5	1.5	1.2	1.7
	Damurhuda	1.1	1.1	1.9	1.2	1.4	0.7	1.0	1.3	1.6	1.8	1.7	2.3	1.4	1.5	1.5	1.1	1.7
	Jiban Nagar	1.1	1.2	1.9	1.2	1.4	0.7	1.0	1.3	1.6	1.8	1.7	2.3	1.4	1.5	1.5	1.1	1.7
Comilla	Barura	0.9	0.9	1.8	1.4	1.7	1.5	1.3	1.3	1.7	1.8	1.8	2.4	1.5	1.4	1.6	1.5	1.8
	Brahman Para	0.9	0.7	1.7	1.3	1.7	1.4	1.4	1.4	1.7	1.9	1.8	2.4	1.5	1.3	1.6	1.5	1.8
	Burichang	0.9	0.8	1.7	1.4	1.7	1.5	1.4	1.4	1.7	1.8	1.8	2.4	1.5	1.4	1.6	1.5	1.8
	Chandina	0.9	0.8	1.7	1.4	1.6	1.4	1.3	1.3	1.7	1.8	1.8	2.4	1.5	1.4	1.6	1.4	1.8
	Chauddagram	0.9	0.8	1.7	1.4	1.7	1.6	1.3	1.3	1.7	1.8	1.8	2.4	1.5	1.4	1.6	1.5	1.8
	Comilla Adarsha	0.9	0.8	1.7	1.4	1.7	1.5	1.4	1.3	1.7	1.8	1.8	2.4	1.5	1.4	1.6	1.5	1.8
	Daudkandi	0.9	0.9	1.8	1.3	1.6	1.3	1.3	1.3	1.7	1.8	1.7	2.3	1.5	1.4	1.6	1.4	1.8
	Debidwar	0.9	0.8	1.7	1.3	1.6	1.4	1.4	1.4	1.7	1.8	1.8	2.4	1.5	1.4	1.6	1.5	1.8
	Homna	0.9	0.8	1.7	1.3	1.6	1.3	1.3	1.4	1.8	1.9	1.8	2.3	1.5	1.4	1.5	1.4	1.8
	Laksam	0.9	0.9	1.7	1.4	1.7	1.5	1.3	1.3	1.7	1.8	1.8	2.4	1.5	1.4	1.6	1.5	1.8
	Meghna	0.9	0.8	1.7	1.3	1.6	1.3	1.3	1.4	1.7	1.8	1.8	2.3	1.5	1.4	1.6	1.4	1.8
	Manoharganj	1.0	0.9	1.7	1.4	1.7	1.5	1.3	1.3	1.7	1.8	1.8	2.4	1.5	1.4	1.6	1.4	1.8
	Muradnagar	0.9	0.8	1.7	1.3	1.6	1.4	1.4	1.4	1.8	1.9	1.8	2.4	1.5	1.3	1.5	1.5	1.8
	Nangalkot	0.9	0.9	1.7	1.4	1.7	1.6	1.3	1.3	1.7	1.8	1.8	2.4	1.5	1.4	1.6	1.5	1.8
	Comilla Sadar Dak	0.9	0.8	1.7	1.4	1.7	1.5	1.4	1.3	1.7	1.8	1.8	2.4	1.5	1.4	1.6	1.5	1.8
	Titas	0.9	0.8	1.7	1.3	1.6	1.3	1.3	1.4	1.7	1.8	1.8	2.3	1.5	1.4	1.6	1.4	1.8
Cox'S Bazar	Chakaria	0.9	1.0	1.6	1.6	1.6	1.6	1.1	1.1	1.6	1.6	1.6	2.0	1.4	1.3	1.6	1.4	1.6

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	Cox's Bazar	0.9	1.0	1.6	1.5	1.6	1.6	1.1	1.1	1.6	1.6	1.5	2.0	1.4	1.3	1.6	1.4	1.5
	Kutubdia	0.9	0.9	1.6	1.5	1.6	1.6	1.1	1.1	1.6	1.6	1.6	2.0	1.4	1.3	1.6	1.4	1.6
	Maheshkhali	0.9	1.0	1.6	1.5	1.6	1.6	1.1	1.1	1.6	1.6	1.5	2.0	1.4	1.3	1.6	1.4	1.5
	Pekua	0.9	1.0	1.6	1.5	1.6	1.6	1.1	1.1	1.6	1.6	1.6	2.0	1.4	1.3	1.6	1.4	1.6
	Ramu	0.9	1.0	1.6	1.5	1.6	1.6	1.1	1.1	1.6	1.6	1.5	2.0	1.4	1.3	1.6	1.4	1.5
	Teknaf	1.0	1.0	1.5	1.5	1.7	1.7	1.2	1.1	1.6	1.6	1.5	1.9	1.4	1.3	1.6	1.4	1.5
	Ukhia	0.9	1.0	1.6	1.5	1.6	1.6	1.1	1.1	1.6	1.6	1.5	1.9	1.4	1.3	1.6	1.4	1.5
Dhaka	Dhamrai	1.0	0.9	1.7	1.2	1.5	1.1	1.3	1.4	1.8	1.9	1.8	2.3	1.5	1.4	1.5	1.4	1.8
	Dohar	1.0	1.0	1.8	1.3	1.5	1.0	1.2	1.3	1.7	1.8	1.7	2.2	1.5	1.4	1.5	1.3	1.8
	Keraniganj	1.0	0.9	1.8	1.3	1.6	1.1	1.3	1.4	1.8	1.8	1.7	2.3	1.5	1.4	1.5	1.4	1.8
	Nawabganj	1.0	0.9	1.8	1.3	1.5	1.0	1.2	1.4	1.7	1.8	1.7	2.3	1.5	1.4	1.5	1.3	1.8
	Savar	1.0	0.9	1.7	1.2	1.5	1.1	1.3	1.4	1.8	1.9	1.8	2.3	1.5	1.4	1.5	1.4	1.8
Dinajpur	Birampur	1.1	1.2	2.0	1.0	1.2	0.8	1.2	1.7	2.0	2.2	2.0	2.4	1.6	1.6	1.4	1.4	2.1
	Birganj	1.0	1.4	2.0	1.1	1.2	0.9	1.3	1.8	2.0	2.2	2.0	2.5	1.6	1.6	1.4	1.5	2.1
	Biral	1.1	1.3	2.0	1.1	1.2	0.8	1.2	1.7	2.0	2.2	2.0	2.4	1.6	1.6	1.4	1.4	2.1
	Bochaganj	1.1	1.4	2.0	1.1	1.2	0.9	1.3	1.8	2.0	2.2	2.0	2.4	1.6	1.6	1.4	1.5	2.1
	Chirirbandar	1.1	1.3	2.0	1.0	1.2	0.9	1.3	1.8	2.0	2.2	2.0	2.4	1.6	1.6	1.4	1.5	2.1
	Dinajpur Sadar	1.1	1.3	2.0	1.0	1.2	0.8	1.2	1.7	2.0	2.2	2.0	2.4	1.6	1.6	1.4	1.5	2.1
	Fulbari	1.1	1.2	2.0	1.0	1.2	0.8	1.2	1.7	2.0	2.2	2.0	2.4	1.6	1.6	1.4	1.5	2.1
	Ghoraghat	1.1	1.1	1.9	1.0	1.3	0.9	1.2	1.8	2.0	2.2	2.0	2.4	1.6	1.5	1.4	1.5	2.1
	Hakimpur	1.1	1.2	1.9	1.0	1.3	0.8	1.2	1.7	2.0	2.2	2.0	2.4	1.6	1.6	1.4	1.5	2.1
	Kaharole	1.0	1.4	2.0	1.1	1.2	0.9	1.3	1.8	2.0	2.2	2.0	2.5	1.6	1.6	1.4	1.5	2.1
	Khansama	1.0	1.4	2.0	1.1	1.2	0.9	1.3	1.8	2.0	2.2	2.0	2.5	1.6	1.6	1.4	1.5	2.1
	Nawabganj	1.1	1.2	1.9	1.0	1.3	0.9	1.2	1.8	2.0	2.2	2.0	2.4	1.6	1.6	1.4	1.5	2.1
	Parbatipur	1.1	1.3	2.0	1.0	1.2	0.9	1.3	1.8	2.0	2.2	2.0	2.4	1.6	1.6	1.4	1.5	2.1
Faridpur	Alfadanga	1.1	1.1	1.8	1.3	1.5	0.9	1.1	1.3	1.7	1.8	1.7	2.3	1.5	1.5	1.5	1.3	1.7
	Bhanga	1.1	1.1	1.8	1.3	1.5	1.0	1.2	1.3	1.7	1.8	1.7	2.3	1.5	1.5	1.5	1.3	1.7
	Boalmari	1.1	1.1	1.9	1.3	1.5	0.9	1.1	1.3	1.7	1.8	1.7	2.3	1.5	1.5	1.5	1.3	1.7
	Char Bhadrasan	1.0	1.0	1.8	1.3	1.5	1.0	1.2	1.3	1.7	1.8	1.7	2.2	1.5	1.4	1.5	1.3	1.7
	Faridpur Sadar	1.0	1.0	1.8	1.2	1.5	0.9	1.2	1.3	1.7	1.8	1.7	2.2	1.5	1.4	1.5	1.3	1.7
	Madhukhali	1.1	1.1	1.9	1.2	1.5	0.9	1.1	1.3	1.7	1.8	1.7	2.2	1.5	1.5	1.5	1.3	1.7
	Nagarkanda	1.1	1.1	1.8	1.3	1.5	1.0	1.2	1.3	1.7	1.8	1.7	2.2	1.5	1.5	1.5	1.3	1.7
	Sadarpur	1.0	1.0	1.8	1.3	1.5	1.0	1.2	1.3	1.7	1.8	1.7	2.2	1.5	1.4	1.5	1.3	1.7
	Saltha	1.1	1.1	1.8	1.3	1.5	0.9	1.2	1.3	1.7	1.8	1.7	2.2	1.5	1.5	1.5	1.3	1.7
Feni	Chhagalnaiya	0.9	0.8	1.7	1.5	1.7	1.7	1.3	1.3	1.7	1.8	1.8	2.4	1.5	1.4	1.6	1.5	1.8
	Daganbhuiyan	0.9	0.9	1.7	1.5	1.7	1.7	1.3	1.3	1.7	1.8	1.8	2.4	1.5	1.4	1.6	1.5	1.8
	Feni Sadar	0.9	0.9	1.7	1.5	1.7	1.7	1.3	1.3	1.7	1.8	1.8	2.4	1.5	1.4	1.6	1.5	1.8
	Fulgazi	0.9	0.8	1.7	1.5	1.7	1.7	1.3	1.3	1.7	1.8	1.8	2.4	1.5	1.4	1.6	1.5	1.8

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	Parshuram	0.9	0.8	1.7	1.4	1.7	1.6	1.4	1.3	1.7	1.8	1.8	2.4	1.5	1.4	1.6	1.5	1.8
	Sonagazi	0.9	0.9	1.7	1.5	1.7	1.7	1.3	1.2	1.7	1.8	1.8	2.3	1.5	1.4	1.6	1.5	1.8
Gaibandha	Gaibandha Sadar	1.0	1.1	1.8	1.0	1.3	0.9	1.2	1.8	2.0	2.2	2.1	2.4	1.6	1.5	1.4	1.5	2.1
	Gobindaganj	1.1	1.1	1.8	1.0	1.3	0.9	1.2	1.8	2.0	2.1	2.0	2.4	1.6	1.5	1.4	1.5	2.1
	Palashbari	1.1	1.1	1.9	1.0	1.3	0.9	1.2	1.8	2.0	2.2	2.0	2.4	1.6	1.5	1.4	1.5	2.1
	Fulchhari	1.0	1.0	1.8	1.0	1.4	0.9	1.2	1.8	2.0	2.2	2.1	2.4	1.6	1.5	1.4	1.5	2.1
	Sadullapur	1.1	1.1	1.9	1.0	1.3	0.9	1.2	1.8	2.0	2.2	2.1	2.4	1.6	1.5	1.4	1.5	2.1
	Saghatta	1.1	1.0	1.8	1.0	1.3	0.9	1.2	1.8	2.0	2.1	2.0	2.4	1.6	1.5	1.4	1.5	2.1
	Sundarganj	1.0	1.1	1.8	1.0	1.3	0.9	1.3	1.8	2.0	2.2	2.1	2.4	1.6	1.5	1.4	1.5	2.1
Gazipur	Gazipur Sadar	0.9	0.8	1.7	1.2	1.6	1.2	1.3	1.5	1.8	1.9	1.8	2.3	1.5	1.4	1.5	1.4	1.9
	Kaliganj	0.9	0.8	1.7	1.2	1.6	1.2	1.3	1.5	1.8	1.9	1.8	2.3	1.5	1.3	1.5	1.5	1.9
	Kaliakair	1.0	0.8	1.7	1.2	1.5	1.1	1.3	1.5	1.8	1.9	1.8	2.3	1.5	1.4	1.5	1.4	1.9
	Kapasia	0.9	0.8	1.6	1.2	1.6	1.2	1.4	1.5	1.8	2.0	1.8	2.4	1.5	1.3	1.5	1.5	1.9
	Sreepur	0.9	0.8	1.7	1.2	1.6	1.2	1.3	1.5	1.9	2.0	1.8	2.3	1.5	1.4	1.5	1.5	1.9
Gopalganj	Gopalganj Sadar	1.1	1.1	1.8	1.3	1.5	1.1	1.1	1.3	1.7	1.8	1.7	2.2	1.5	1.5	1.5	1.3	1.7
	Kashiani	1.1	1.1	1.8	1.3	1.5	1.0	1.1	1.3	1.7	1.8	1.7	2.2	1.5	1.5	1.5	1.3	1.7
	Kotali Para	1.1	1.1	1.8	1.3	1.5	1.1	1.2	1.3	1.7	1.8	1.7	2.2	1.5	1.5	1.5	1.3	1.7
	Muksudpur	1.1	1.1	1.8	1.3	1.5	1.0	1.2	1.3	1.7	1.8	1.7	2.2	1.5	1.5	1.5	1.3	1.7
	Tungi Para	1.1	1.1	1.7	1.3	1.5	1.1	1.1	1.3	1.7	1.8	1.7	2.2	1.5	1.5	1.5	1.3	1.7
Habiganj	Ajmiriganj	0.8	0.6	1.5	1.1	1.6	1.4	1.6	1.7	1.9	2.1	2.0	2.5	1.6	1.3	1.4	1.6	2.0
	Bahubal	0.7	0.5	1.5	1.1	1.7	1.5	1.6	1.6	1.9	2.0	1.9	2.5	1.5	1.2	1.4	1.6	2.0
	Baniachong	0.8	0.6	1.5	1.1	1.6	1.4	1.6	1.7	1.9	2.0	2.0	2.5	1.6	1.3	1.4	1.6	2.0
	Chunarughat	0.7	0.5	1.5	1.2	1.7	1.5	1.6	1.6	1.9	2.0	1.9	2.5	1.5	1.2	1.4	1.6	1.9
	Habiganj Sadar	0.7	0.6	1.5	1.2	1.7	1.4	1.6	1.6	1.9	2.0	1.9	2.5	1.5	1.3	1.4	1.6	2.0
	Lakhai	0.8	0.6	1.5	1.2	1.6	1.4	1.5	1.6	1.9	2.0	1.9	2.5	1.5	1.3	1.4	1.6	2.0
	Madhabpur	0.8	0.6	1.5	1.2	1.7	1.5	1.5	1.5	1.8	2.0	1.9	2.4	1.5	1.3	1.5	1.6	1.9
	Nabiganj	0.7	0.5	1.5	1.1	1.6	1.4	1.6	1.7	1.9	2.1	2.0	2.5	1.6	1.3	1.4	1.7	2.0
Jamalpur	Bakshiganj	1.0	1.0	1.8	1.0	1.4	1.0	1.3	1.8	2.0	2.2	2.1	2.4	1.6	1.5	1.4	1.5	2.1
	Dewanganj	1.0	1.0	1.8	1.0	1.4	1.0	1.3	1.8	2.0	2.2	2.1	2.4	1.6	1.5	1.4	1.5	2.1
	Islampur	1.0	1.0	1.8	1.0	1.4	1.0	1.3	1.8	2.0	2.1	2.0	2.4	1.6	1.5	1.4	1.5	2.1
	Jamalpur Sadar	1.0	0.9	1.7	1.1	1.4	1.0	1.3	1.7	2.0	2.1	2.0	2.4	1.6	1.4	1.4	1.5	2.0
	Madarganj	1.0	1.0	1.8	1.0	1.4	1.0	1.2	1.7	2.0	2.1	2.0	2.4	1.5	1.5	1.4	1.5	2.0
	Melandaha	1.0	1.0	1.7	1.0	1.4	1.0	1.3	1.7	2.0	2.1	2.0	2.4	1.6	1.5	1.4	1.5	2.1
	Sharishabari	1.0	0.9	1.7	1.1	1.4	1.0	1.2	1.7	1.9	2.1	2.0	2.4	1.5	1.4	1.4	1.5	2.0
Jessore	Abhaynagar	1.1	1.1	1.8	1.2	1.5	1.0	1.1	1.3	1.7	1.8	1.7	2.2	1.5	1.5	1.5	1.2	1.7
	Bagher Para	1.1	1.2	1.9	1.2	1.5	0.9	1.1	1.3	1.7	1.8	1.7	2.3	1.4	1.5	1.5	1.2	1.7
	Chaugachha	1.1	1.2	1.9	1.2	1.4	0.8	1.0	1.3	1.6	1.8	1.7	2.3	1.4	1.5	1.5	1.2	1.7
	Sadar	1.1	1.2	1.9	1.2	1.4	0.8	1.0	1.3	1.7	1.8	1.7	2.3	1.4	1.5	1.5	1.2	1.7

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	Jhikargachha	1.1	1.2	1.8	1.2	1.4	0.9	1.0	1.3	1.7	1.8	1.7	2.3	1.4	1.5	1.5	1.2	1.7
	Keshabpur	1.1	1.2	1.8	1.2	1.5	1.0	1.0	1.3	1.7	1.8	1.7	2.2	1.5	1.5	1.5	1.2	1.7
	Manirampur	1.1	1.2	1.8	1.2	1.5	0.9	1.0	1.3	1.7	1.8	1.7	2.2	1.4	1.5	1.5	1.2	1.7
	Sharsha	1.1	1.2	1.8	1.2	1.4	0.8	1.0	1.3	1.7	1.8	1.7	2.3	1.4	1.5	1.5	1.2	1.7
Jhalokati	Jhalokati Sadar	1.0	1.0	1.7	1.3	1.5	1.2	1.1	1.3	1.7	1.7	1.7	2.2	1.5	1.4	1.5	1.3	1.7
	Kanthalia	1.0	1.0	1.7	1.3	1.5	1.2	1.1	1.3	1.6	1.7	1.6	2.1	1.4	1.4	1.5	1.3	1.7
	Nalchity	1.0	1.0	1.7	1.3	1.5	1.3	1.1	1.3	1.7	1.7	1.7	2.2	1.5	1.4	1.5	1.3	1.7
	Rajapur	1.0	1.0	1.7	1.3	1.5	1.2	1.1	1.3	1.7	1.7	1.7	2.1	1.4	1.4	1.5	1.3	1.7
Jhenaidah	Harinakunda	1.1	1.1	1.9	1.2	1.4	0.7	1.0	1.3	1.7	1.8	1.7	2.3	1.4	1.5	1.5	1.2	1.7
	Jhenaidah Sadar	1.1	1.1	1.9	1.2	1.4	0.8	1.0	1.3	1.7	1.8	1.7	2.3	1.4	1.5	1.5	1.2	1.7
	Kaliganj	1.1	1.2	1.9	1.2	1.4	0.8	1.0	1.3	1.6	1.8	1.7	2.3	1.4	1.5	1.5	1.2	1.7
	Kotchandpur	1.1	1.2	1.9	1.2	1.4	0.7	1.0	1.3	1.6	1.8	1.7	2.3	1.4	1.5	1.5	1.2	1.7
	Maheshpur	1.1	1.2	1.9	1.2	1.4	0.7	1.0	1.3	1.6	1.8	1.7	2.3	1.4	1.5	1.5	1.1	1.7
	Shailkupa	1.0	1.1	1.9	1.2	1.4	0.8	1.1	1.3	1.7	1.8	1.7	2.2	1.4	1.5	1.5	1.2	1.7
Joypurhat	Akkelpur	1.1	1.1	1.9	1.0	1.3	0.8	1.2	1.7	1.9	2.1	2.0	2.4	1.5	1.5	1.4	1.4	2.0
	Joypurhat Sadar	1.1	1.1	1.9	1.0	1.3	0.8	1.2	1.7	2.0	2.1	2.0	2.4	1.6	1.5	1.4	1.4	2.1
	Kalai	1.1	1.1	1.9	1.0	1.3	0.9	1.2	1.7	2.0	2.1	2.0	2.4	1.6	1.5	1.4	1.5	2.1
	Khetlal	1.1	1.1	1.9	1.0	1.3	0.9	1.2	1.7	2.0	2.1	2.0	2.4	1.6	1.5	1.4	1.4	2.0
	Panchbibi	1.1	1.1	1.9	1.0	1.3	0.9	1.2	1.7	2.0	2.1	2.0	2.4	1.6	1.6	1.4	1.4	2.1
Khagrachhari	Dighinala	0.8	0.7	1.7	1.4	1.7	1.6	1.5	1.3	1.7	1.8	1.8	2.4	1.5	1.3	1.6	1.5	1.8
	Khagrachhari Sa	0.8	0.8	1.7	1.5	1.8	1.7	1.4	1.3	1.7	1.8	1.8	2.4	1.5	1.3	1.6	1.5	1.8
	Lakshmichhari	0.9	0.8	1.7	1.5	1.8	1.8	1.3	1.2	1.7	1.8	1.8	2.3	1.5	1.3	1.6	1.5	1.8
	Mahalchhari	0.9	0.8	1.7	1.5	1.8	1.8	1.4	1.2	1.7	1.8	1.8	2.3	1.5	1.3	1.7	1.5	1.8
	Manikchhari	0.9	0.8	1.7	1.5	1.8	1.8	1.3	1.2	1.7	1.8	1.8	2.3	1.5	1.4	1.6	1.5	1.8
	Matiranga	0.9	0.8	1.7	1.5	1.7	1.7	1.4	1.3	1.7	1.8	1.8	2.4	1.5	1.3	1.6	1.5	1.8
	Panchhari	0.8	0.7	1.7	1.4	1.7	1.6	1.5	1.3	1.7	1.8	1.8	2.4	1.5	1.3	1.6	1.5	1.8
	Ramgarh	0.9	0.8	1.7	1.5	1.7	1.8	1.3	1.2	1.7	1.8	1.8	2.3	1.5	1.3	1.6	1.5	1.8
Khulna	Batiaghata	1.1	1.1	1.7	1.2	1.5	1.1	1.1	1.3	1.7	1.8	1.7	2.2	1.4	1.4	1.5	1.3	1.7
	Dacope	1.0	1.0	1.7	1.2	1.4	1.0	1.0	1.3	1.7	1.7	1.6	2.0	1.4	1.3	1.4	1.2	1.6
	Dighalia	1.1	1.1	1.8	1.2	1.5	1.0	1.1	1.3	1.7	1.8	1.7	2.2	1.5	1.5	1.5	1.3	1.7
	Dumuria	1.1	1.1	1.8	1.2	1.5	1.0	1.0	1.3	1.7	1.8	1.7	2.2	1.4	1.5	1.5	1.3	1.7
	Koyra	0.9	1.0	1.7	1.2	1.4	1.0	1.0	1.3	1.7	1.7	1.6	2.0	1.4	1.3	1.4	1.2	1.6
	Phultala	1.1	1.1	1.8	1.2	1.5	1.0	1.1	1.3	1.7	1.8	1.7	2.2	1.5	1.5	1.5	1.3	1.7
	Paikgachha	1.0	1.1	1.7	1.2	1.4	1.0	1.0	1.3	1.7	1.8	1.6	2.1	1.4	1.4	1.5	1.3	1.7
	Rupsa	1.1	1.1	1.7	1.2	1.5	1.1	1.1	1.3	1.7	1.8	1.7	2.2	1.5	1.5	1.5	1.3	1.7
	Terokhada	1.1	1.1	1.8	1.3	1.5	1.1	1.1	1.3	1.7	1.8	1.7	2.2	1.5	1.5	1.5	1.3	1.7
Kishoreganj	Austagram	0.8	0.6	1.5	1.2	1.6	1.4	1.5	1.6	1.9	2.0	1.9	2.5	1.5	1.3	1.4	1.6	2.0
	Bajitpur	0.8	0.7	1.6	1.2	1.6	1.3	1.4	1.6	1.9	2.0	1.9	2.4	1.5	1.3	1.5	1.6	1.9

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	Bhairab	0.8	0.7	1.6	1.2	1.6	1.4	1.4	1.5	1.8	1.9	1.9	2.4	1.5	1.3	1.5	1.5	1.9
	Hossainpur	0.9	0.7	1.6	1.1	1.6	1.2	1.4	1.6	1.9	2.0	1.9	2.4	1.5	1.3	1.4	1.5	2.0
	Itna	0.8	0.6	1.5	1.1	1.6	1.4	1.5	1.7	1.9	2.0	2.0	2.5	1.6	1.3	1.4	1.6	2.0
	Karimganj	0.8	0.7	1.6	1.1	1.6	1.3	1.5	1.6	1.9	2.0	1.9	2.4	1.5	1.3	1.4	1.6	2.0
	Katiadi	0.9	0.7	1.6	1.2	1.6	1.3	1.4	1.6	1.9	2.0	1.9	2.4	1.5	1.3	1.4	1.5	1.9
	Kishoreganj Sad	0.9	0.7	1.6	1.1	1.6	1.3	1.4	1.6	1.9	2.0	1.9	2.4	1.5	1.3	1.4	1.6	2.0
	Kuliar Char	0.8	0.7	1.6	1.2	1.6	1.3	1.4	1.5	1.9	2.0	1.9	2.4	1.5	1.3	1.5	1.5	1.9
	Mithamain	0.8	0.6	1.5	1.1	1.6	1.4	1.5	1.6	1.9	2.0	2.0	2.5	1.6	1.3	1.4	1.6	2.0
	Nikli	0.8	0.7	1.6	1.2	1.6	1.3	1.5	1.6	1.9	2.0	1.9	2.4	1.5	1.3	1.4	1.6	2.0
	Pakundia	0.9	0.7	1.6	1.2	1.6	1.3	1.4	1.6	1.9	2.0	1.9	2.4	1.5	1.3	1.4	1.5	1.9
	Tarail	0.8	0.7	1.6	1.1	1.6	1.3	1.5	1.7	1.9	2.0	2.0	2.5	1.6	1.3	1.4	1.6	2.0
Kurigram	Bhurungamari	0.8	1.2	1.9	1.0	1.4	1.1	1.5	1.9	2.0	2.3	2.1	2.6	1.6	1.5	1.4	1.6	2.2
	Char Rajibpur	1.0	1.0	1.8	1.0	1.4	1.0	1.3	1.8	2.0	2.2	2.1	2.4	1.6	1.5	1.4	1.5	2.1
	Chilmari	1.0	1.1	1.8	1.0	1.4	1.0	1.3	1.8	2.0	2.2	2.1	2.5	1.6	1.5	1.4	1.5	2.2
	Kurigram Sada	0.9	1.1	1.8	1.0	1.4	1.0	1.4	1.9	2.0	2.3	2.1	2.5	1.6	1.5	1.4	1.6	2.2
	Nageshwari	0.8	1.2	1.8	1.0	1.4	1.1	1.4	1.9	2.0	2.3	2.1	2.5	1.6	1.5	1.4	1.6	2.2
	Phulbari	0.9	1.2	1.9	1.0	1.4	1.0	1.4	1.9	2.0	2.3	2.1	2.5	1.6	1.5	1.4	1.6	2.2
	Rajarhat	0.9	1.2	1.9	1.0	1.4	1.0	1.3	1.8	2.0	2.2	2.1	2.5	1.6	1.5	1.4	1.5	2.2
	Raumari	0.9	1.0	1.8	1.0	1.4	1.0	1.3	1.9	2.0	2.2	2.1	2.5	1.6	1.5	1.4	1.5	2.2
	Ulipur	0.9	1.1	1.8	1.0	1.4	1.0	1.3	1.8	2.0	2.2	2.1	2.5	1.6	1.5	1.4	1.5	2.2
Kushtia	Bheramara	1.0	1.0	1.8	1.1	1.4	0.8	1.1	1.4	1.7	1.8	1.7	2.3	1.4	1.4	1.4	1.2	1.8
	Daulatpur	1.0	1.0	1.8	1.1	1.3	0.8	1.1	1.4	1.7	1.8	1.7	2.3	1.4	1.4	1.4	1.2	1.8
	Khoksa	1.0	1.0	1.8	1.2	1.4	0.8	1.1	1.4	1.7	1.8	1.7	2.2	1.4	1.4	1.5	1.2	1.8
	Kumarkhali	1.0	1.0	1.8	1.1	1.4	0.8	1.1	1.4	1.7	1.8	1.7	2.2	1.4	1.4	1.5	1.2	1.8
	Kushtia Sadar	1.0	1.1	1.9	1.1	1.4	0.8	1.1	1.4	1.7	1.8	1.7	2.3	1.4	1.4	1.5	1.2	1.7
	Mirpur	1.0	1.0	1.9	1.1	1.4	0.8	1.1	1.4	1.7	1.8	1.7	2.3	1.4	1.4	1.5	1.2	1.8
Lakshmipur	Kamalnagar	1.0	0.9	1.7	1.4	1.6	1.5	1.2	1.2	1.7	1.8	1.7	2.3	1.5	1.4	1.6	1.4	1.7
	Lakshmipur Sad	1.0	0.9	1.7	1.4	1.7	1.5	1.2	1.3	1.7	1.8	1.7	2.3	1.5	1.4	1.6	1.4	1.8
	Roypur	1.0	1.0	1.7	1.4	1.6	1.4	1.2	1.3	1.7	1.8	1.7	2.3	1.5	1.4	1.6	1.4	1.8
	Ramganj	1.0	0.9	1.7	1.4	1.6	1.5	1.3	1.3	1.7	1.8	1.7	2.3	1.5	1.4	1.6	1.4	1.8
	Ramgati	1.0	0.9	1.7	1.4	1.6	1.5	1.2	1.2	1.7	1.7	1.7	2.2	1.5	1.4	1.6	1.4	1.7
Lalmonirhat	Aditmari	0.9	1.3	1.9	1.0	1.3	1.0	1.4	1.8	2.0	2.3	2.1	2.5	1.6	1.6	1.4	1.6	2.2
	Hatibandha	0.9	1.4	2.0	1.0	1.3	1.1	1.4	1.8	2.0	2.3	2.1	2.5	1.6	1.6	1.4	1.6	2.2
	Kaliganj	0.9	1.3	1.9	1.0	1.3	1.0	1.4	1.8	2.0	2.3	2.1	2.5	1.6	1.6	1.4	1.6	2.2
	Lalmonirhat Sad	0.9	1.2	1.9	1.0	1.3	1.0	1.4	1.8	2.0	2.3	2.1	2.5	1.6	1.5	1.4	1.6	2.2
	Patgram	0.8	1.5	2.0	1.0	1.3	1.1	1.5	1.9	2.0	2.3	2.1	2.6	1.7	1.6	1.5	1.6	2.2
Madaripur	Kalkini	1.0	1.0	1.8	1.3	1.5	1.2	1.2	1.3	1.7	1.8	1.7	2.3	1.5	1.4	1.5	1.3	1.7
	Madaripur Sad	1.0	1.0	1.8	1.3	1.5	1.1	1.2	1.3	1.7	1.8	1.7	2.3	1.5	1.5	1.5	1.3	1.7

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	Rajoir	1.1	1.1	1.8	1.3	1.5	1.1	1.2	1.3	1.7	1.8	1.7	2.3	1.5	1.5	1.5	1.3	1.7
	Shib Char	1.0	1.0	1.8	1.3	1.5	1.1	1.2	1.3	1.7	1.8	1.7	2.3	1.5	1.4	1.6	1.3	1.7
Magura	Magura Sadar	1.1	1.1	1.9	1.2	1.5	0.8	1.1	1.3	1.7	1.8	1.7	2.3	1.4	1.5	1.5	1.2	1.7
	Mohammadpur	1.1	1.1	1.9	1.2	1.5	0.9	1.1	1.3	1.7	1.8	1.7	2.3	1.5	1.5	1.5	1.2	1.7
	Shalikha	1.1	1.1	1.9	1.2	1.5	0.8	1.1	1.3	1.7	1.8	1.7	2.3	1.4	1.5	1.5	1.2	1.7
	Sreepur	1.1	1.1	1.9	1.2	1.5	0.8	1.1	1.3	1.7	1.8	1.7	2.2	1.4	1.5	1.5	1.2	1.7
Manikganj	Daulatpur	1.0	1.0	1.8	1.2	1.5	1.0	1.2	1.4	1.8	1.9	1.7	2.3	1.5	1.4	1.5	1.3	1.8
	Ghior	1.0	1.0	1.8	1.2	1.5	1.0	1.2	1.4	1.8	1.9	1.7	2.2	1.5	1.4	1.5	1.3	1.8
	Harirampur	1.0	1.0	1.8	1.2	1.5	1.0	1.2	1.4	1.7	1.8	1.7	2.2	1.5	1.4	1.5	1.3	1.8
	Manikganj Sad	1.0	0.9	1.8	1.2	1.5	1.0	1.2	1.4	1.8	1.9	1.7	2.3	1.5	1.4	1.5	1.4	1.8
	Saturia	1.0	0.9	1.8	1.2	1.5	1.0	1.2	1.4	1.8	1.9	1.8	2.3	1.5	1.4	1.5	1.4	1.8
	Shibalaya	1.0	1.0	1.8	1.2	1.5	1.0	1.2	1.4	1.8	1.9	1.7	2.2	1.5	1.4	1.5	1.3	1.8
	Singair	1.0	0.9	1.8	1.2	1.5	1.0	1.2	1.4	1.8	1.9	1.7	2.3	1.5	1.4	1.5	1.4	1.8
Maulvibazar	Barlekha	0.6	0.4	1.4	1.1	1.7	1.5	1.8	1.8	2.0	2.1	2.0	2.6	1.6	1.2	1.4	1.8	2.1
	Juri	0.6	0.4	1.4	1.1	1.7	1.5	1.8	1.7	1.9	2.1	2.0	2.5	1.6	1.2	1.4	1.7	2.0
	Kamalganj	0.6	0.5	1.4	1.1	1.7	1.5	1.7	1.6	1.9	2.0	1.9	2.5	1.5	1.2	1.4	1.7	2.0
	Kulaura	0.6	0.4	1.4	1.1	1.7	1.5	1.7	1.7	1.9	2.0	2.0	2.5	1.6	1.2	1.4	1.7	2.0
	Maulvi Bazar Sa	0.7	0.5	1.4	1.1	1.7	1.5	1.7	1.7	1.9	2.0	2.0	2.5	1.6	1.2	1.4	1.7	2.0
	Rajnagar	0.7	0.5	1.4	1.1	1.7	1.5	1.7	1.7	1.9	2.1	2.0	2.5	1.6	1.2	1.4	1.7	2.0
	Sreemangal	0.7	0.5	1.5	1.1	1.7	1.5	1.6	1.6	1.9	2.0	1.9	2.5	1.5	1.2	1.4	1.7	2.0
Meherpur	Gangni	1.0	1.1	1.9	1.1	1.4	0.7	1.0	1.3	1.7	1.8	1.7	2.3	1.4	1.5	1.4	1.2	1.7
	Meherpur Sadar	1.0	1.1	1.9	1.1	1.4	0.7	1.0	1.3	1.7	1.8	1.7	2.3	1.4	1.5	1.5	1.2	1.7
	Mujib Nagar	1.1	1.1	1.9	1.1	1.4	0.6	1.0	1.3	1.6	1.8	1.7	2.3	1.4	1.5	1.5	1.1	1.7
Munshiganj	Gazaria	1.0	0.9	1.8	1.3	1.6	1.2	1.3	1.4	1.7	1.8	1.7	2.3	1.5	1.4	1.6	1.4	1.8
	Lohajang	1.0	1.0	1.8	1.3	1.6	1.1	1.3	1.3	1.7	1.8	1.7	2.3	1.5	1.4	1.6	1.4	1.8
	Munshiganj Sada	1.0	0.9	1.8	1.3	1.6	1.2	1.3	1.3	1.7	1.8	1.7	2.3	1.5	1.4	1.6	1.4	1.8
	Serajdikhan	1.0	0.9	1.8	1.3	1.6	1.1	1.3	1.4	1.7	1.8	1.7	2.3	1.5	1.4	1.5	1.4	1.8
	Sreenagar	1.0	1.0	1.8	1.3	1.5	1.1	1.2	1.3	1.7	1.8	1.7	2.3	1.5	1.4	1.5	1.4	1.8
	Tongibari	1.0	0.9	1.8	1.3	1.6	1.2	1.3	1.3	1.7	1.8	1.7	2.3	1.5	1.4	1.6	1.4	1.8
Mymensingh	Bhaluka	0.9	0.8	1.7	1.1	1.5	1.1	1.3	1.6	1.9	2.0	1.9	2.4	1.5	1.4	1.4	1.5	1.9
	Dhobaura	0.9	0.8	1.6	1.0	1.5	1.1	1.4	1.8	2.0	2.2	2.1	2.5	1.6	1.4	1.4	1.6	2.1
	Fulbaria	1.0	0.8	1.7	1.1	1.5	1.1	1.3	1.6	1.9	2.0	1.9	2.4	1.5	1.4	1.4	1.5	2.0
	Gaffargaon	0.9	0.8	1.6	1.1	1.6	1.2	1.4	1.6	1.9	2.0	1.9	2.4	1.5	1.4	1.4	1.5	2.0
	Gauripur	0.9	0.8	1.6	1.1	1.5	1.2	1.4	1.7	2.0	2.1	2.0	2.4	1.6	1.4	1.4	1.6	2.0
	Haluaghat	1.0	0.8	1.6	1.0	1.5	1.1	1.4	1.8	2.0	2.2	2.1	2.5	1.6	1.4	1.4	1.6	2.1
	Ishwarganj	0.9	0.8	1.6	1.1	1.5	1.2	1.4	1.7	1.9	2.1	2.0	2.4	1.6	1.4	1.4	1.6	2.0
	Muktagachha	1.0	0.9	1.7	1.1	1.5	1.1	1.3	1.7	2.0	2.1	2.0	2.4	1.5	1.4	1.4	1.5	2.0
	Mymensingh Sad	0.9	0.8	1.7	1.1	1.5	1.1	1.4	1.7	2.0	2.1	2.0	2.4	1.6	1.4	1.4	1.5	2.0

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	Nandail	0.9	0.7	1.6	1.1	1.6	1.2	1.4	1.7	1.9	2.0	2.0	2.4	1.5	1.4	1.4	1.6	2.0
	Phulpur	0.9	0.8	1.6	1.1	1.5	1.1	1.4	1.8	2.0	2.1	2.0	2.5	1.6	1.4	1.4	1.6	2.1
	Tarakanda	0.9	0.8	1.6	1.1	1.5	1.1	1.4	1.8	2.0	2.1	2.0	2.5	1.6	1.4	1.4	1.6	2.1
	Trishal	0.9	0.8	1.7	1.1	1.5	1.2	1.4	1.6	1.9	2.0	1.9	2.4	1.5	1.4	1.4	1.5	2.0
Naogaon	Atrai	1.1	1.1	1.9	1.0	1.3	0.8	1.2	1.6	1.9	2.0	1.9	2.3	1.5	1.5	1.4	1.4	1.9
	Badalgachhi	1.1	1.1	1.9	1.0	1.3	0.8	1.2	1.7	1.9	2.1	2.0	2.4	1.5	1.5	1.4	1.4	2.0
	Dhamoirhat	1.2	1.2	2.0	1.0	1.2	0.8	1.2	1.7	2.0	2.1	2.0	2.4	1.6	1.6	1.4	1.4	2.1
	Manda	1.1	1.1	1.9	1.0	1.3	0.8	1.1	1.6	1.9	2.0	1.9	2.3	1.5	1.5	1.4	1.3	1.9
	Mahadebpur	1.1	1.1	1.9	1.0	1.2	0.8	1.2	1.6	1.9	2.1	1.9	2.3	1.5	1.5	1.4	1.4	2.0
	Naogaon Sadar	1.1	1.1	1.9	1.0	1.3	0.8	1.2	1.6	1.9	2.0	1.9	2.3	1.5	1.5	1.4	1.4	2.0
	Niamatpur	1.1	1.2	1.9	1.0	1.2	0.8	1.1	1.6	1.9	2.0	1.9	2.3	1.5	1.5	1.4	1.3	2.0
	Patnitala	1.2	1.2	2.0	1.0	1.2	0.8	1.2	1.7	2.0	2.1	2.0	2.4	1.5	1.6	1.4	1.4	2.0
	Porsha	1.1	1.2	2.0	1.0	1.2	0.8	1.2	1.6	1.9	2.1	1.9	2.3	1.5	1.6	1.4	1.4	2.0
	Raninagar	1.1	1.1	1.9	1.0	1.3	0.8	1.2	1.6	1.9	2.0	1.9	2.3	1.5	1.5	1.4	1.4	2.0
	Sapahar	1.2	1.2	2.0	1.0	1.2	0.8	1.2	1.7	2.0	2.1	2.0	2.3	1.5	1.6	1.4	1.4	2.0
Narail	Kalia	1.1	1.1	1.8	1.3	1.5	1.0	1.1	1.3	1.7	1.8	1.7	2.2	1.5	1.5	1.5	1.3	1.7
	Lohagara	1.1	1.1	1.8	1.3	1.5	1.0	1.1	1.3	1.7	1.8	1.7	2.3	1.5	1.5	1.5	1.3	1.7
	Narail Sadar	1.1	1.1	1.8	1.2	1.5	0.9	1.1	1.3	1.7	1.8	1.7	2.3	1.5	1.5	1.5	1.2	1.7
Narayanganj	Araihazar	0.9	0.8	1.7	1.3	1.6	1.2	1.3	1.4	1.8	1.9	1.8	2.3	1.5	1.4	1.5	1.4	1.8
	Bandar	1.0	0.9	1.8	1.3	1.6	1.2	1.3	1.4	1.7	1.8	1.7	2.3	1.5	1.4	1.5	1.4	1.8
	Narayanganj Sa	1.0	0.9	1.8	1.3	1.6	1.2	1.3	1.4	1.7	1.8	1.7	2.3	1.5	1.4	1.5	1.4	1.8
	Rupganj	0.9	0.8	1.7	1.2	1.6	1.2	1.3	1.4	1.8	1.9	1.8	2.3	1.5	1.4	1.5	1.4	1.8
	Sonargaon	0.9	0.9	1.7	1.3	1.6	1.2	1.3	1.4	1.7	1.8	1.7	2.3	1.5	1.4	1.5	1.4	1.8
Narsingdi	Belabo	0.9	0.7	1.6	1.2	1.6	1.3	1.4	1.5	1.8	1.9	1.9	2.4	1.5	1.3	1.5	1.5	1.9
	Manohardi	0.9	0.7	1.6	1.2	1.6	1.3	1.4	1.5	1.9	2.0	1.9	2.4	1.5	1.3	1.5	1.5	1.9
	Narsingdi Sada	0.9	0.8	1.7	1.2	1.6	1.3	1.4	1.4	1.8	1.9	1.8	2.3	1.5	1.3	1.5	1.5	1.8
	Palash	0.9	0.8	1.7	1.2	1.6	1.2	1.4	1.5	1.8	1.9	1.8	2.3	1.5	1.3	1.5	1.5	1.9
	Roypura	0.9	0.7	1.6	1.2	1.6	1.3	1.4	1.5	1.8	1.9	1.8	2.4	1.5	1.3	1.5	1.5	1.9
	Shibpur	0.9	0.7	1.6	1.2	1.6	1.3	1.4	1.5	1.8	1.9	1.8	2.4	1.5	1.3	1.5	1.5	1.9
Natore	Bagati Para	1.0	1.0	1.8	1.1	1.3	0.8	1.1	1.5	1.8	1.9	1.8	2.3	1.5	1.5	1.4	1.3	1.8
	Baraigram	1.0	1.0	1.8	1.1	1.4	0.8	1.1	1.5	1.8	1.9	1.8	2.3	1.5	1.4	1.4	1.3	1.8
	Gurudaspur	1.0	1.0	1.8	1.1	1.4	0.9	1.2	1.5	1.8	1.9	1.8	2.3	1.5	1.4	1.4	1.3	1.9
	Lalpur	1.0	1.0	1.8	1.1	1.3	0.8	1.1	1.4	1.7	1.9	1.8	2.3	1.4	1.4	1.4	1.3	1.8
	Naldanga	1.1	1.1	1.9	1.0	1.3	0.8	1.1	1.5	1.8	2.0	1.8	2.3	1.5	1.5	1.4	1.3	1.9
	Natore Sadar	1.1	1.0	1.9	1.1	1.3	0.8	1.1	1.5	1.8	1.9	1.8	2.3	1.5	1.5	1.4	1.3	1.9
	Singra	1.1	1.0	1.8	1.1	1.3	0.9	1.2	1.5	1.8	2.0	1.9	2.3	1.5	1.5	1.4	1.4	1.9
Netrakona	Atpara	0.9	0.7	1.6	1.1	1.6	1.3	1.5	1.7	2.0	2.1	2.0	2.5	1.6	1.3	1.4	1.6	2.1
	Barhatta	0.9	0.7	1.5	1.1	1.6	1.3	1.5	1.8	2.0	2.1	2.1	2.5	1.6	1.4	1.4	1.6	2.1

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	Durgapur	0.9	0.8	1.6	1.0	1.5	1.2	1.5	1.8	2.0	2.2	2.1	2.5	1.6	1.4	1.4	1.6	2.1
	Kalmakanda	0.9	0.7	1.5	1.1	1.5	1.2	1.5	1.8	2.0	2.2	2.1	2.5	1.6	1.4	1.4	1.7	2.1
	Kendua	0.9	0.7	1.6	1.1	1.6	1.3	1.5	1.7	1.9	2.1	2.0	2.5	1.6	1.3	1.4	1.6	2.0
	Khaliajuri	0.8	0.6	1.5	1.1	1.6	1.3	1.5	1.7	2.0	2.1	2.0	2.5	1.6	1.3	1.4	1.6	2.1
	Madan	0.8	0.7	1.5	1.1	1.6	1.3	1.5	1.7	1.9	2.1	2.0	2.5	1.6	1.3	1.4	1.6	2.0
	Mohanganj	0.8	0.7	1.5	1.1	1.6	1.3	1.5	1.8	2.0	2.1	2.0	2.5	1.6	1.3	1.4	1.6	2.1
	Netrokona Sada	0.9	0.7	1.6	1.1	1.5	1.2	1.5	1.8	2.0	2.1	2.0	2.5	1.6	1.4	1.4	1.6	2.1
	Purbadhala	0.9	0.8	1.6	1.1	1.5	1.2	1.4	1.8	2.0	2.1	2.1	2.5	1.6	1.4	1.4	1.6	2.1
Nilphamari	Dimla	0.9	1.4	2.0	1.0	1.3	1.1	1.4	1.8	2.0	2.3	2.0	2.5	1.7	1.6	1.4	1.6	2.2
	Domar	0.9	1.5	2.0	1.1	1.3	1.0	1.4	1.8	2.0	2.3	2.0	2.5	1.7	1.6	1.4	1.6	2.2
	Jaldhaka	0.9	1.4	2.0	1.0	1.3	1.0	1.4	1.8	2.0	2.3	2.0	2.5	1.6	1.6	1.4	1.6	2.2
	Kishoreganj	1.0	1.3	2.0	1.0	1.3	1.0	1.3	1.8	2.0	2.2	2.0	2.5	1.6	1.6	1.4	1.5	2.1
	Nilphamari Sada	1.0	1.4	2.0	1.0	1.3	1.0	1.4	1.8	2.0	2.3	2.0	2.5	1.6	1.6	1.4	1.5	2.1
	Saidpur	1.0	1.3	2.0	1.0	1.3	0.9	1.3	1.8	2.0	2.2	2.0	2.5	1.6	1.6	1.4	1.5	2.1
Noakhali	Begumganj	1.0	0.9	1.7	1.4	1.7	1.6	1.3	1.3	1.7	1.8	1.8	2.3	1.5	1.4	1.6	1.5	1.8
	Chatkhil	1.0	0.9	1.7	1.4	1.7	1.5	1.3	1.3	1.7	1.8	1.8	2.3	1.5	1.4	1.6	1.4	1.8
	Companiganj	0.9	0.9	1.7	1.5	1.7	1.7	1.2	1.2	1.7	1.8	1.8	2.3	1.5	1.4	1.6	1.5	1.8
	Hatiya	0.9	0.9	1.6	1.4	1.6	1.5	1.1	1.2	1.6	1.7	1.7	2.2	1.5	1.3	1.6	1.4	1.7
	Kabirhat	1.0	0.9	1.7	1.5	1.7	1.7	1.2	1.2	1.7	1.8	1.8	2.3	1.5	1.4	1.6	1.5	1.8
	Noakhali Sadar	1.0	0.9	1.7	1.4	1.7	1.6	1.2	1.2	1.7	1.8	1.8	2.3	1.5	1.4	1.6	1.4	1.8
	Senbagh	1.0	0.9	1.7	1.4	1.7	1.6	1.3	1.3	1.7	1.8	1.8	2.4	1.5	1.4	1.6	1.5	1.8
	Sonaimuri	1.0	0.9	1.7	1.4	1.7	1.6	1.3	1.3	1.7	1.8	1.8	2.3	1.5	1.4	1.6	1.5	1.8
	Subarnachar	1.0	0.9	1.7	1.4	1.7	1.6	1.2	1.2	1.7	1.7	1.7	2.3	1.5	1.4	1.6	1.4	1.7
Pabna	Atgharia	1.0	1.0	1.8	1.1	1.4	0.9	1.1	1.4	1.8	1.9	1.8	2.3	1.4	1.4	1.4	1.3	1.8
	Bera	1.0	1.0	1.8	1.2	1.5	0.9	1.2	1.4	1.8	1.9	1.7	2.3	1.5	1.4	1.5	1.3	1.8
	Bhangura	1.0	1.0	1.8	1.1	1.4	0.9	1.2	1.5	1.8	1.9	1.8	2.3	1.5	1.4	1.4	1.3	1.9
	Chatmohar	1.0	1.0	1.8	1.1	1.4	0.9	1.2	1.5	1.8	1.9	1.8	2.3	1.5	1.4	1.4	1.3	1.8
	Faridpur	1.0	1.0	1.8	1.1	1.4	0.9	1.2	1.5	1.8	1.9	1.8	2.3	1.5	1.4	1.4	1.3	1.8
	Ishwardi	1.0	1.0	1.8	1.1	1.4	0.8	1.1	1.4	1.7	1.9	1.7	2.3	1.4	1.4	1.4	1.3	1.8
	Pabna Sadar	1.0	1.0	1.8	1.1	1.4	0.8	1.1	1.4	1.7	1.9	1.7	2.3	1.4	1.4	1.4	1.3	1.8
	Santhia	1.0	1.0	1.8	1.1	1.4	0.9	1.2	1.4	1.8	1.9	1.7	2.3	1.5	1.4	1.5	1.3	1.8
	Sujanagar	1.0	1.0	1.8	1.2	1.4	0.9	1.1	1.4	1.7	1.8	1.7	2.2	1.5	1.4	1.5	1.3	1.8
Panchagarh	Atwari	0.9	1.6	2.1	1.1	1.2	1.0	1.4	1.8	2.0	2.3	2.0	2.6	1.7	1.7	1.5	1.6	2.2
	Boda	0.9	1.5	2.0	1.1	1.2	1.0	1.4	1.8	2.0	2.3	2.0	2.6	1.7	1.7	1.5	1.6	2.2
	Debiganj	0.9	1.5	2.0	1.1	1.3	1.0	1.4	1.8	2.0	2.3	2.0	2.5	1.6	1.6	1.4	1.6	2.2
	Panchagarh Sad	0.9	1.6	2.0	1.1	1.3	1.1	1.5	1.8	2.0	2.3	2.0	2.6	1.7	1.7	1.5	1.6	2.2
	Tentulia	0.8	1.7	2.1	1.1	1.3	1.1	1.5	1.9	2.0	2.3	2.0	2.6	1.7	1.7	1.5	1.6	2.2
Patuakhali	Bauphal	0.9	1.0	1.7	1.3	1.6	1.4	1.1	1.2	1.6	1.7	1.7	2.1	1.4	1.4	1.5	1.3	1.7

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	Dashmina	0.9	1.0	1.7	1.3	1.5	1.3	1.1	1.2	1.6	1.7	1.6	2.1	1.4	1.3	1.5	1.3	1.6
	Dumki	1.0	1.0	1.7	1.3	1.5	1.3	1.1	1.2	1.6	1.7	1.7	2.1	1.4	1.4	1.5	1.3	1.7
	Galachipa	0.9	1.0	1.7	1.3	1.5	1.3	1.1	1.2	1.6	1.6	1.6	2.0	1.4	1.3	1.5	1.3	1.6
	Kala Para	0.8	1.0	1.7	1.3	1.4	1.1	1.0	1.2	1.6	1.6	1.6	1.9	1.4	1.3	1.5	1.2	1.6
	Mirzaganj	0.9	1.0	1.7	1.3	1.5	1.2	1.1	1.3	1.6	1.7	1.6	2.1	1.4	1.3	1.5	1.3	1.6
	Patuakhali Sadar	0.9	1.0	1.7	1.3	1.5	1.2	1.1	1.2	1.6	1.7	1.6	2.1	1.4	1.3	1.5	1.3	1.6
	Rangabali	0.9	1.0	1.7	1.3	1.5	1.2	1.0	1.2	1.6	1.6	1.6	2.0	1.4	1.3	1.5	1.3	1.6
Pirojpur	Bhandaria	1.0	1.0	1.7	1.3	1.5	1.2	1.1	1.3	1.6	1.7	1.6	2.1	1.4	1.4	1.5	1.3	1.7
	Zianagar	1.0	1.0	1.7	1.3	1.5	1.1	1.1	1.3	1.6	1.7	1.6	2.1	1.4	1.4	1.5	1.3	1.7
	Kawkhali	1.0	1.0	1.7	1.3	1.5	1.2	1.1	1.3	1.7	1.7	1.7	2.2	1.4	1.4	1.5	1.3	1.7
	Mathbaria	0.9	1.0	1.7	1.3	1.5	1.1	1.0	1.3	1.6	1.6	1.6	2.0	1.4	1.3	1.5	1.3	1.6
	Nazirpur	1.0	1.1	1.7	1.3	1.5	1.2	1.1	1.3	1.7	1.7	1.7	2.2	1.5	1.4	1.5	1.3	1.7
	Nesarabad	1.0	1.0	1.7	1.3	1.5	1.2	1.1	1.3	1.7	1.7	1.7	2.2	1.5	1.4	1.5	1.3	1.7
	Pirojpur Sadar	1.0	1.1	1.7	1.3	1.5	1.2	1.1	1.3	1.7	1.7	1.7	2.2	1.4	1.4	1.5	1.3	1.7
Rajbari	Balia Kandi	1.0	1.0	1.8	1.2	1.5	0.9	1.1	1.3	1.7	1.8	1.7	2.2	1.4	1.4	1.5	1.3	1.7
	Goalandaghat	1.0	1.0	1.8	1.2	1.5	0.9	1.2	1.4	1.7	1.8	1.7	2.2	1.5	1.4	1.5	1.3	1.8
	Kalukhali	1.0	1.0	1.8	1.2	1.5	0.9	1.1	1.4	1.7	1.8	1.7	2.2	1.4	1.4	1.5	1.3	1.8
	Pangsha	1.0	1.0	1.8	1.2	1.4	0.8	1.1	1.4	1.7	1.8	1.7	2.2	1.4	1.4	1.5	1.3	1.8
	Rajbari Sadar	1.0	1.0	1.8	1.2	1.5	0.9	1.2	1.4	1.7	1.8	1.7	2.2	1.5	1.4	1.5	1.3	1.8
Rajshahi	Bagha	1.0	1.0	1.8	1.1	1.3	0.8	1.1	1.4	1.7	1.9	1.8	2.3	1.4	1.4	1.4	1.3	1.8
	Baghmara	1.1	1.1	1.9	1.0	1.3	0.8	1.1	1.5	1.8	2.0	1.9	2.3	1.5	1.5	1.4	1.3	1.9
	Charghat	1.0	1.1	1.9	1.0	1.3	0.8	1.1	1.5	1.8	1.9	1.8	2.3	1.4	1.5	1.4	1.3	1.8
	Durgapur	1.1	1.1	1.9	1.0	1.3	0.8	1.1	1.5	1.8	1.9	1.8	2.3	1.5	1.5	1.4	1.3	1.9
	Godagari	1.1	1.1	1.9	1.0	1.3	0.7	1.1	1.5	1.8	1.9	1.8	2.3	1.5	1.5	1.4	1.3	1.9
	Mohanpur	1.1	1.1	1.9	1.0	1.3	0.8	1.1	1.5	1.8	1.9	1.8	2.3	1.5	1.5	1.4	1.3	1.9
	Paba	1.1	1.1	1.9	1.0	1.3	0.7	1.1	1.5	1.8	1.9	1.8	2.3	1.4	1.5	1.4	1.3	1.8
	Puthia	1.1	1.1	1.9	1.0	1.3	0.8	1.1	1.5	1.8	1.9	1.8	2.3	1.5	1.5	1.4	1.3	1.9
	Tanore	1.1	1.1	1.9	1.0	1.3	0.7	1.1	1.5	1.8	2.0	1.8	2.3	1.5	1.5	1.4	1.3	1.9
Rangamati	Baghai Chhari	0.8	0.7	1.7	1.4	1.8	1.7	1.5	1.3	1.7	1.8	1.8	2.4	1.5	1.3	1.6	1.6	1.8
	Barkal	0.8	0.8	1.7	1.5	1.8	1.9	1.4	1.2	1.6	1.8	1.8	2.3	1.6	1.3	1.7	1.5	1.8
	Belai Chhari	0.9	0.9	1.7	1.6	1.7	1.8	1.3	1.2	1.6	1.7	1.7	2.2	1.5	1.3	1.7	1.5	1.7
	Jurai Chhari	0.9	0.9	1.7	1.6	1.8	1.9	1.4	1.2	1.6	1.7	1.7	2.3	1.5	1.3	1.7	1.5	1.7
	Kaptai	0.9	0.9	1.7	1.6	1.7	1.8	1.3	1.2	1.6	1.7	1.7	2.2	1.5	1.3	1.6	1.5	1.7
	Kawkhali	0.9	0.9	1.7	1.5	1.7	1.8	1.3	1.2	1.6	1.7	1.7	2.3	1.5	1.3	1.6	1.5	1.7
	Langadu	0.8	0.8	1.7	1.5	1.8	1.8	1.4	1.2	1.7	1.8	1.8	2.3	1.6	1.3	1.7	1.5	1.8
	Naniarchar	0.9	0.8	1.7	1.5	1.8	1.8	1.4	1.2	1.7	1.8	1.8	2.3	1.5	1.3	1.7	1.5	1.8
	Rajasthali	0.9	0.9	1.7	1.6	1.7	1.8	1.3	1.2	1.6	1.7	1.7	2.2	1.5	1.3	1.6	1.5	1.7
	Rangamati Sada	0.9	0.9	1.7	1.5	1.8	1.8	1.3	1.2	1.6	1.7	1.7	2.3	1.5	1.3	1.7	1.5	1.7

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Rangpur	Badarganj	1.0	1.3	1.9	1.0	1.3	0.9	1.3	1.8	2.0	2.2	2.0	2.4	1.6	1.6	1.4	1.5	2.1
	Gangachara	0.9	1.3	1.9	1.0	1.3	1.0	1.4	1.8	2.0	2.3	2.1	2.5	1.6	1.6	1.4	1.5	2.2
	Kaunia	1.0	1.2	1.9	1.0	1.3	1.0	1.3	1.8	2.0	2.2	2.1	2.5	1.6	1.5	1.4	1.5	2.2
	Mitha Pukur	1.0	1.2	1.9	1.0	1.3	0.9	1.3	1.8	2.0	2.2	2.1	2.4	1.6	1.6	1.4	1.5	2.1
	Pirgachha	1.0	1.2	1.9	1.0	1.3	0.9	1.3	1.8	2.0	2.2	2.1	2.5	1.6	1.5	1.4	1.5	2.1
	Pirganj	1.1	1.2	1.9	1.0	1.3	0.9	1.2	1.8	2.0	2.2	2.1	2.4	1.6	1.5	1.4	1.5	2.1
	Rangpur Sadar	1.0	1.2	1.9	1.0	1.3	0.9	1.3	1.8	2.0	2.2	2.1	2.5	1.6	1.6	1.4	1.5	2.1
	Taraganj	1.0	1.3	2.0	1.0	1.3	0.9	1.3	1.8	2.0	2.2	2.0	2.5	1.6	1.6	1.4	1.5	2.1
Satkhira	Assasuni	1.0	1.1	1.7	1.2	1.4	1.0	1.0	1.3	1.7	1.8	1.6	2.1	1.4	1.4	1.5	1.2	1.7
	Debhata	1.1	1.1	1.8	1.2	1.4	1.0	1.0	1.3	1.7	1.8	1.6	2.1	1.4	1.4	1.5	1.2	1.7
	Kalaroa	1.1	1.2	1.8	1.2	1.5	0.9	1.0	1.3	1.7	1.8	1.7	2.2	1.4	1.5	1.5	1.2	1.7
	Kaliganj	1.0	1.1	1.7	1.2	1.4	1.0	1.0	1.3	1.7	1.8	1.6	2.1	1.4	1.4	1.4	1.2	1.7
	Satkhira Sadar	1.1	1.1	1.8	1.2	1.4	1.0	1.0	1.3	1.7	1.8	1.7	2.2	1.4	1.5	1.5	1.2	1.7
	Shyamnagar	0.9	1.0	1.7	1.2	1.4	1.0	1.0	1.3	1.7	1.7	1.5	1.9	1.4	1.3	1.4	1.2	1.6
	Tala	1.1	1.1	1.8	1.2	1.5	1.0	1.0	1.3	1.7	1.8	1.7	2.2	1.4	1.5	1.5	1.2	1.7
Shariatpur	Bhedarganj	1.0	1.0	1.8	1.3	1.6	1.3	1.3	1.3	1.7	1.8	1.7	2.3	1.5	1.4	1.6	1.4	1.7
	Damudya	1.0	1.0	1.8	1.3	1.6	1.3	1.2	1.3	1.7	1.8	1.7	2.3	1.5	1.4	1.6	1.4	1.7
	Gosairhat	1.0	1.0	1.8	1.3	1.6	1.3	1.2	1.3	1.7	1.8	1.7	2.3	1.5	1.4	1.6	1.4	1.7
	Naria	1.0	1.0	1.8	1.3	1.6	1.2	1.3	1.3	1.7	1.8	1.7	2.3	1.5	1.4	1.6	1.4	1.7
	Shariatpur Sadar	1.0	1.0	1.8	1.3	1.6	1.2	1.2	1.3	1.7	1.8	1.7	2.3	1.5	1.4	1.6	1.3	1.7
	Zanjira	1.0	1.0	1.8	1.3	1.6	1.1	1.2	1.3	1.7	1.8	1.7	2.3	1.5	1.4	1.6	1.3	1.7
Sherpur	Jhenaigati	1.0	0.9	1.7	1.0	1.4	1.0	1.3	1.8	2.0	2.2	2.1	2.4	1.6	1.5	1.4	1.5	2.1
	Nakla	1.0	0.9	1.7	1.0	1.5	1.1	1.3	1.8	2.0	2.1	2.0	2.4	1.6	1.4	1.4	1.5	2.1
	Nalitabari	1.0	0.9	1.7	1.0	1.4	1.1	1.3	1.8	2.0	2.2	2.1	2.5	1.6	1.4	1.4	1.6	2.1
	Sherpur Sadar	1.0	0.9	1.7	1.0	1.4	1.0	1.3	1.8	2.0	2.1	2.0	2.4	1.6	1.4	1.4	1.5	2.1
	Sreebardi	1.0	0.9	1.7	1.0	1.4	1.0	1.3	1.8	2.0	2.2	2.1	2.4	1.6	1.5	1.4	1.5	2.1
Sirajganj	Belkuchi	1.0	0.9	1.8	1.1	1.4	1.0	1.2	1.5	1.8	2.0	1.8	2.3	1.5	1.4	1.4	1.4	1.9
	Chauhali	1.0	0.9	1.8	1.1	1.5	1.0	1.2	1.5	1.8	1.9	1.8	2.3	1.5	1.4	1.5	1.4	1.9
	Kamarkhanda	1.0	1.0	1.8	1.1	1.4	1.0	1.2	1.5	1.9	2.0	1.8	2.3	1.5	1.4	1.4	1.4	1.9
	Kazipur	1.0	1.0	1.8	1.1	1.4	1.0	1.2	1.6	1.9	2.0	1.9	2.3	1.5	1.4	1.4	1.4	2.0
	Royganj	1.0	1.0	1.8	1.1	1.4	0.9	1.2	1.6	1.9	2.0	1.9	2.3	1.5	1.4	1.4	1.4	1.9
	Shahjadpur	1.0	0.9	1.8	1.1	1.5	1.0	1.2	1.5	1.8	1.9	1.8	2.3	1.5	1.4	1.4	1.4	1.8
	Sirajganj Sadar	1.0	1.0	1.8	1.1	1.4	1.0	1.2	1.6	1.9	2.0	1.9	2.3	1.5	1.4	1.4	1.4	1.9
	Tarash	1.0	1.0	1.8	1.1	1.4	0.9	1.2	1.5	1.8	2.0	1.8	2.3	1.5	1.4	1.4	1.4	1.9
	Ullah Para	1.0	1.0	1.8	1.1	1.4	0.9	1.2	1.5	1.8	1.9	1.8	2.3	1.5	1.4	1.4	1.4	1.9
Sunamganj	Bishwambarpur	0.8	0.6	1.5	1.1	1.6	1.3	1.7	1.9	2.0	2.2	2.1	2.6	1.6	1.3	1.4	1.7	2.1
	Chhatak	0.7	0.5	1.4	1.1	1.6	1.4	1.7	1.8	2.0	2.1	2.1	2.6	1.6	1.3	1.4	1.7	2.1
	Derai	0.8	0.6	1.5	1.1	1.6	1.4	1.6	1.8	2.0	2.1	2.0	2.5	1.6	1.3	1.4	1.7	2.1

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	Dharampasha	0.8	0.7	1.5	1.1	1.6	1.3	1.6	1.8	2.0	2.2	2.1	2.5	1.6	1.3	1.4	1.7	2.1
	Dowarabazar	0.7	0.5	1.4	1.1	1.6	1.4	1.7	1.9	2.0	2.2	2.1	2.6	1.6	1.3	1.4	1.8	2.1
	Jagannathpur	0.7	0.5	1.4	1.1	1.6	1.4	1.7	1.8	2.0	2.1	2.0	2.5	1.6	1.3	1.4	1.7	2.1
	Jamalganj	0.8	0.6	1.5	1.1	1.6	1.3	1.6	1.8	2.0	2.1	2.1	2.6	1.6	1.3	1.4	1.7	2.1
	Dak. Sunamganj	0.8	0.6	1.5	1.1	1.6	1.4	1.7	1.8	2.0	2.1	2.1	2.6	1.6	1.3	1.4	1.7	2.1
	Sulla	0.8	0.6	1.5	1.1	1.6	1.4	1.6	1.7	2.0	2.1	2.0	2.5	1.6	1.3	1.4	1.7	2.1
	Sunamganj Sada	0.8	0.6	1.4	1.1	1.6	1.4	1.7	1.9	2.0	2.2	2.1	2.6	1.6	1.3	1.4	1.7	2.1
	Tahirpur	0.8	0.6	1.5	1.1	1.6	1.3	1.6	1.9	2.0	2.2	2.1	2.6	1.6	1.3	1.4	1.7	2.2
Sylhet	Balaganj	0.7	0.5	1.4	1.1	1.7	1.5	1.7	1.8	1.9	2.1	2.0	2.5	1.6	1.2	1.4	1.7	2.1
	Beani Bazar	0.6	0.4	1.4	1.1	1.7	1.5	1.8	1.8	2.0	2.1	2.1	2.6	1.6	1.2	1.4	1.8	2.1
	Bishwanath	0.7	0.5	1.4	1.1	1.6	1.4	1.7	1.8	2.0	2.1	2.1	2.6	1.6	1.2	1.4	1.7	2.1
	Companiganj	0.7	0.5	1.4	1.1	1.6	1.4	1.8	1.9	2.0	2.2	2.1	2.6	1.6	1.3	1.4	1.8	2.1
	Dakshin Surma	0.6	0.5	1.4	1.1	1.7	1.5	1.8	1.8	2.0	2.1	2.0	2.6	1.6	1.2	1.4	1.8	2.1
	Fenchuganj	0.6	0.5	1.4	1.1	1.7	1.5	1.8	1.8	1.9	2.1	2.0	2.5	1.6	1.2	1.4	1.7	2.1
	Jaintiapur	0.6	0.4	1.4	1.1	1.7	1.5	1.9	1.9	2.0	2.2	2.1	2.6	1.6	1.2	1.4	1.8	2.1
	Golabganj	0.6	0.4	1.4	1.1	1.7	1.5	1.8	1.8	2.0	2.1	2.0	2.6	1.6	1.2	1.4	1.8	2.1
	Gowainghat	0.6	0.5	1.4	1.1	1.7	1.5	1.9	1.9	2.0	2.2	2.1	2.6	1.6	1.2	1.4	1.8	2.1
	Kanaighat	0.6	0.4	1.3	1.1	1.7	1.5	1.9	1.9	2.0	2.2	2.1	2.6	1.6	1.2	1.4	1.8	2.1
	Sylhet Sadar	0.7	0.5	1.4	1.1	1.7	1.5	1.8	1.8	2.0	2.1	2.1	2.6	1.6	1.2	1.4	1.8	2.1
	Zakiganj	0.6	0.4	1.3	1.1	1.7	1.5	1.9	1.8	2.0	2.2	2.1	2.6	1.6	1.2	1.4	1.8	2.1
Tangail	Basail	1.0	0.9	1.7	1.1	1.5	1.1	1.3	1.5	1.9	2.0	1.8	2.3	1.5	1.4	1.5	1.4	1.9
	Bhuapur	1.0	0.9	1.7	1.1	1.5	1.0	1.2	1.6	1.9	2.0	1.9	2.3	1.5	1.4	1.4	1.4	1.9
	Delduar	1.0	0.9	1.7	1.1	1.5	1.0	1.2	1.5	1.8	1.9	1.8	2.3	1.5	1.4	1.5	1.4	1.9
	Dhanbari	1.0	0.9	1.7	1.1	1.4	1.0	1.3	1.7	1.9	2.1	1.9	2.4	1.5	1.4	1.4	1.5	2.0
	Ghatail	1.0	0.9	1.7	1.1	1.5	1.1	1.3	1.6	1.9	2.0	1.9	2.3	1.5	1.4	1.4	1.5	2.0
	Gopalpur	1.0	0.9	1.7	1.1	1.5	1.0	1.2	1.6	1.9	2.0	1.9	2.3	1.5	1.4	1.4	1.4	2.0
	Kalihati	1.0	0.9	1.7	1.1	1.5	1.0	1.2	1.5	1.9	2.0	1.9	2.3	1.5	1.4	1.4	1.4	1.9
	Mirzapur	1.0	0.9	1.7	1.2	1.5	1.1	1.3	1.5	1.8	1.9	1.8	2.3	1.5	1.4	1.5	1.4	1.9
	Madhupur	1.0	0.9	1.7	1.1	1.5	1.0	1.3	1.7	1.9	2.1	1.9	2.4	1.5	1.4	1.4	1.5	2.0
	Nagarpur	1.0	0.9	1.8	1.2	1.5	1.0	1.2	1.4	1.8	1.9	1.8	2.3	1.5	1.4	1.5	1.4	1.8
	Sakhipur	1.0	0.9	1.7	1.1	1.5	1.1	1.3	1.5	1.9	2.0	1.9	2.3	1.5	1.4	1.5	1.4	1.9
	Tangail Sadar	1.0	0.9	1.7	1.1	1.5	1.0	1.2	1.5	1.8	2.0	1.8	2.3	1.5	1.4	1.4	1.4	1.9
Thakurgaon	Baliadangi	1.0	1.5	2.1	1.1	1.2	0.9	1.4	1.8	2.0	2.3	2.0	2.5	1.6	1.7	1.5	1.5	2.1
	Haripur	1.0	1.5	2.1	1.1	1.2	0.8	1.3	1.7	2.0	2.2	2.0	2.5	1.6	1.7	1.4	1.5	2.1
	Pirganj	1.0	1.4	2.0	1.1	1.2	0.9	1.3	1.8	2.0	2.2	2.0	2.5	1.6	1.6	1.4	1.5	2.1
	Ranisankail	1.0	1.5	2.1	1.1	1.2	0.9	1.3	1.8	2.0	2.2	2.0	2.5	1.6	1.7	1.4	1.5	2.1
	Thakurgaon Sada	1.0	1.5	2.0	1.1	1.2	1.0	1.4	1.8	2.0	2.3	2.0	2.5	1.6	1.7	1.4	1.5	2.1

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Table 6.3: Projected maximum temperature change for 487 upazilas in Bangladesh under RCP4.5 scenarios for the year 2070.

Dist. Name	Upz. Name	Jan(°C)	Feb(°C)	Mar(°C)	Apr(°C)	May(°C)	Jun(°C)	Jul(°C)	Aug(°C)	Sep(°C)	Oct(°C)	Nov(°C)	Dec(°C)	Ann(°C)	Winter	Pre-mon	Mon	Post-mon
Bagerhat	Bagerhat Sadar	2.7	1.9	2.5	2.2	1.5	1.7	1.7	1.7	1.7	2.2	2.0	2.4	2.0	2.3	2.0	1.7	2.1
	Chitalmari	2.8	1.9	2.5	2.2	1.5	1.7	1.7	1.8	1.7	2.2	2.0	2.4	2.0	2.4	2.1	1.7	2.1
	Fakirhat	2.8	1.9	2.5	2.2	1.5	1.7	1.7	1.7	1.7	2.2	2.0	2.4	2.0	2.4	2.1	1.7	2.1
	Kachua	2.7	1.9	2.5	2.2	1.5	1.6	1.7	1.7	1.7	2.2	1.9	2.4	2.0	2.3	2.0	1.7	2.1
	Mongla	2.3	1.7	2.4	2.0	1.5	1.7	1.6	1.7	1.6	2.1	1.9	2.2	1.9	2.1	2.0	1.7	2.0
	Mollahat	2.8	2.0	2.5	2.3	1.5	1.7	1.7	1.8	1.7	2.2	2.0	2.5	2.0	2.4	2.1	1.7	2.1
	Morrelganj	2.6	1.8	2.4	2.1	1.5	1.6	1.7	1.7	1.7	2.2	1.9	2.3	2.0	2.2	2.0	1.7	2.0
	Rampal	2.7	1.9	2.5	2.2	1.5	1.7	1.7	1.7	1.7	2.2	2.0	2.4	2.0	2.3	2.1	1.7	2.1
	Sarankhola	2.3	1.7	2.3	1.9	1.5	1.6	1.6	1.6	1.6	2.1	1.9	2.2	1.9	2.0	1.9	1.6	2.0
Bandarban	Alikadam	2.3	1.9	2.2	1.5	1.4	1.1	1.4	1.4	1.3	2.0	1.5	1.6	1.7	2.0	1.7	1.3	1.8
	Bandarban Sad	2.7	2.1	2.5	1.8	1.5	1.3	1.4	1.5	1.4	2.1	1.5	1.7	1.8	2.2	1.9	1.4	1.8
	Lama	2.4	1.9	2.3	1.6	1.4	1.2	1.4	1.5	1.4	2.1	1.5	1.7	1.7	2.0	1.8	1.4	1.8
	Naikhongchhar	2.2	1.8	2.1	1.5	1.3	1.1	1.4	1.4	1.3	2.0	1.5	1.6	1.6	1.9	1.7	1.3	1.8
	Rowangchhari	2.7	2.1	2.5	1.8	1.6	1.3	1.4	1.5	1.4	2.1	1.5	1.7	1.8	2.2	1.9	1.4	1.8
	Ruma	2.6	2.1	2.4	1.7	1.5	1.2	1.4	1.5	1.4	2.1	1.5	1.7	1.8	2.1	1.9	1.4	1.8
	Thanchi	2.4	1.9	2.2	1.6	1.5	1.1	1.4	1.4	1.3	2.0	1.5	1.6	1.7	2.0	1.8	1.3	1.8
Barguna	Amtali	2.3	1.7	2.3	1.9	1.5	1.5	1.6	1.6	1.6	2.1	1.8	2.1	1.8	2.1	1.9	1.6	2.0
	Bamna	2.4	1.7	2.4	2.0	1.5	1.6	1.6	1.7	1.6	2.1	1.8	2.2	1.9	2.1	1.9	1.6	2.0
	Barguna Sadar	2.3	1.7	2.3	1.9	1.5	1.6	1.6	1.6	1.6	2.1	1.8	2.2	1.8	2.0	1.9	1.6	2.0
	Betagi	2.5	1.8	2.4	2.0	1.5	1.6	1.6	1.7	1.6	2.2	1.8	2.2	1.9	2.2	1.9	1.6	2.0
	Patharghata	2.3	1.7	2.3	1.9	1.5	1.6	1.6	1.6	1.6	2.1	1.8	2.2	1.9	2.0	1.9	1.6	2.0
	Taltoli	2.2	1.6	2.3	1.8	1.5	1.6	1.6	1.6	1.6	2.1	1.8	2.1	1.8	2.0	1.9	1.6	1.9
Barisal	Agailjhara	2.9	2.0	2.6	2.2	1.4	1.7	1.7	1.8	1.7	2.3	1.9	2.4	2.0	2.4	2.1	1.7	2.1
	Babuganj	2.8	2.0	2.5	2.2	1.5	1.6	1.6	1.7	1.7	2.2	1.9	2.3	2.0	2.4	2.1	1.7	2.1
	Bakerganj	2.7	1.9	2.5	2.1	1.5	1.6	1.6	1.7	1.6	2.2	1.8	2.2	1.9	2.3	2.0	1.6	2.0
	Banari Para	2.8	1.9	2.5	2.2	1.4	1.6	1.6	1.7	1.7	2.2	1.9	2.4	2.0	2.4	2.0	1.7	2.1
	Barisal Sadar	2.8	1.9	2.5	2.1	1.5	1.6	1.6	1.7	1.6	2.2	1.9	2.3	2.0	2.3	2.0	1.6	2.0
	Gaurnadi	2.9	2.0	2.6	2.2	1.5	1.7	1.6	1.8	1.7	2.3	1.9	2.4	2.0	2.4	2.1	1.7	2.1
	Hizla	2.9	2.0	2.6	2.2	1.5	1.7	1.6	1.7	1.7	2.3	1.9	2.3	2.0	2.4	2.1	1.7	2.1
	Mehendiganj	2.9	2.0	2.6	2.2	1.5	1.6	1.6	1.7	1.6	2.2	1.8	2.3	2.0	2.4	2.1	1.6	2.0
	Muladi	2.9	2.0	2.6	2.2	1.5	1.7	1.6	1.7	1.7	2.3	1.9	2.4	2.0	2.4	2.1	1.7	2.1
	Wazirpur	2.8	2.0	2.5	2.2	1.4	1.6	1.6	1.8	1.7	2.2	1.9	2.4	2.0	2.4	2.1	1.7	2.1
Bhola	Bhola Sadar	2.8	2.0	2.5	2.1	1.5	1.6	1.6	1.7	1.6	2.2	1.8	2.2	2.0	2.3	2.0	1.6	2.0
	Burhanuddin	2.7	1.9	2.5	2.0	1.5	1.5	1.6	1.7	1.6	2.2	1.8	2.1	1.9	2.2	2.0	1.6	2.0
	Char Fasson	2.3	1.8	2.3	1.8	1.5	1.5	1.5	1.6	1.5	2.1	1.7	2.0	1.8	2.0	1.8	1.5	1.9

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	Daulatkhan	2.8	2.0	2.5	2.1	1.5	1.6	1.6	1.7	1.6	2.2	1.8	2.2	2.0	2.3	2.0	1.6	2.0
	Lalmohan	2.5	1.9	2.4	1.9	1.5	1.5	1.5	1.6	1.5	2.1	1.7	2.1	1.9	2.2	1.9	1.6	1.9
	Manpura	2.5	1.9	2.4	1.8	1.5	1.5	1.5	1.6	1.5	2.1	1.7	2.0	1.8	2.1	1.9	1.5	1.9
	Tazumuddin	2.7	1.9	2.5	2.0	1.5	1.5	1.5	1.7	1.6	2.2	1.7	2.1	1.9	2.2	2.0	1.6	2.0
Bogra	Adamdighi	3.0	2.2	2.8	2.6	1.8	1.9	1.8	2.0	1.9	2.5	1.9	2.9	2.3	2.7	2.4	1.9	2.2
	Bogra Sadar	3.0	2.2	2.8	2.6	1.8	1.8	1.8	2.0	2.0	2.6	1.9	2.9	2.3	2.7	2.4	1.9	2.2
	Dhunat	3.1	2.2	2.8	2.6	1.7	1.9	1.8	2.0	1.9	2.5	1.9	2.8	2.3	2.7	2.4	1.9	2.2
	Dhupchanchia	3.0	2.2	2.8	2.6	1.8	1.9	1.8	2.0	1.9	2.6	1.9	2.9	2.3	2.7	2.4	1.9	2.2
	Gabtali	3.0	2.2	2.8	2.6	1.8	1.8	1.8	2.0	2.0	2.6	1.9	2.9	2.3	2.7	2.4	1.9	2.2
	Kahaloo	3.0	2.2	2.8	2.6	1.8	1.9	1.8	2.0	1.9	2.5	1.9	2.9	2.3	2.7	2.4	1.9	2.2
	Nandigram	3.1	2.2	2.8	2.6	1.8	1.9	1.8	2.0	1.9	2.5	1.9	2.8	2.3	2.7	2.4	1.9	2.2
	Sariakandi	3.0	2.1	2.8	2.6	1.8	1.8	1.8	2.0	2.0	2.6	1.9	2.8	2.3	2.7	2.4	1.9	2.2
	Shajahanpur	3.0	2.2	2.8	2.6	1.8	1.9	1.8	2.0	1.9	2.5	1.9	2.8	2.3	2.7	2.4	1.9	2.2
	Sherpur	3.1	2.2	2.8	2.6	1.8	1.9	1.8	2.0	1.9	2.5	1.9	2.8	2.3	2.7	2.4	1.9	2.2
	Shibganj	3.0	2.1	2.8	2.6	1.8	1.8	1.8	2.1	2.0	2.6	1.9	3.0	2.3	2.7	2.4	1.9	2.3
	Sonatola	3.0	2.1	2.8	2.6	1.8	1.8	1.8	2.1	2.0	2.6	1.9	2.9	2.3	2.7	2.4	1.9	2.3
Brahaman baria	Akhaura	3.2	2.3	2.9	2.4	1.6	1.8	1.5	1.8	1.7	2.4	1.8	2.3	2.1	2.6	2.3	1.7	2.1
	Ashuganj	3.2	2.3	2.9	2.4	1.7	1.9	1.6	1.8	1.8	2.4	1.8	2.3	2.2	2.6	2.3	1.8	2.1
	Banchharampu	3.2	2.3	2.9	2.4	1.6	1.9	1.6	1.8	1.8	2.4	1.8	2.3	2.2	2.6	2.3	1.8	2.1
	Bijoynagar	3.2	2.3	2.9	2.4	1.7	1.8	1.5	1.8	1.7	2.4	1.8	2.3	2.2	2.6	2.3	1.7	2.1
	Brahmanbaria Sadar	3.2	2.3	2.9	2.4	1.7	1.8	1.6	1.8	1.8	2.4	1.8	2.3	2.2	2.6	2.3	1.7	2.1
	Kasba	3.2	2.3	2.9	2.4	1.6	1.8	1.5	1.8	1.7	2.4	1.8	2.3	2.1	2.6	2.3	1.7	2.1
	Nabinagar	3.2	2.3	2.9	2.4	1.6	1.9	1.6	1.8	1.8	2.4	1.8	2.3	2.2	2.6	2.3	1.7	2.1
	Nasirnagar	3.2	2.3	2.9	2.4	1.7	1.8	1.6	1.8	1.8	2.4	1.8	2.3	2.2	2.6	2.3	1.8	2.1
	Sarail	3.2	2.3	2.9	2.4	1.7	1.9	1.6	1.8	1.8	2.4	1.8	2.3	2.2	2.6	2.3	1.8	2.1
Chapai Nawabganj	Bholahat	3.0	2.2	2.8	2.6	1.9	2.0	2.0	2.0	1.9	2.5	1.9	3.1	2.3	2.7	2.4	2.0	2.2
	Chapai Nawab	3.0	2.2	2.8	2.5	1.8	2.1	1.9	1.9	1.9	2.4	1.9	2.9	2.3	2.7	2.4	1.9	2.1
	Gomastapur	3.0	2.2	2.8	2.6	1.9	2.0	1.9	2.0	1.9	2.5	1.9	3.0	2.3	2.7	2.4	2.0	2.2
	Nachole	3.0	2.2	2.8	2.6	1.9	2.0	1.9	1.9	1.9	2.5	1.9	3.0	2.3	2.7	2.4	1.9	2.2
	Shibganj	3.0	2.2	2.8	2.5	1.9	2.1	2.0	1.9	1.9	2.4	1.9	3.0	2.3	2.7	2.4	2.0	2.2
Chandpur	Chandpur Sadar	3.1	2.1	2.7	2.3	1.5	1.8	1.6	1.7	1.7	2.3	1.8	2.4	2.1	2.5	2.2	1.7	2.1
	Faridganj	3.1	2.1	2.7	2.3	1.5	1.7	1.6	1.7	1.7	2.3	1.8	2.3	2.1	2.5	2.2	1.7	2.1
	Haim Char	3.0	2.1	2.7	2.3	1.5	1.7	1.6	1.7	1.7	2.3	1.8	2.3	2.1	2.5	2.1	1.7	2.1
	Hajiganj	3.1	2.2	2.7	2.3	1.6	1.8	1.6	1.7	1.7	2.3	1.8	2.3	2.1	2.5	2.2	1.7	2.1
	Kachua	3.2	2.2	2.8	2.3	1.6	1.8	1.6	1.8	1.7	2.3	1.8	2.3	2.1	2.6	2.2	1.7	2.1

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	Matlab Dakshin	3.1	2.2	2.8	2.3	1.6	1.8	1.6	1.8	1.7	2.3	1.8	2.3	2.1	2.6	2.2	1.7	2.1
	Matlab Uttar	3.1	2.2	2.8	2.4	1.5	1.8	1.6	1.8	1.7	2.3	1.8	2.4	2.1	2.6	2.2	1.7	2.1
	Shahrasti	3.1	2.2	2.7	2.3	1.6	1.7	1.6	1.7	1.7	2.3	1.8	2.3	2.1	2.5	2.2	1.7	2.0
Chittagon	Anowara	2.6	2.0	2.4	1.8	1.5	1.4	1.5	1.6	1.5	2.1	1.6	1.8	1.8	2.1	1.9	1.5	1.9
	Banshkhali	2.5	2.0	2.4	1.7	1.5	1.3	1.5	1.5	1.4	2.1	1.6	1.7	1.8	2.1	1.8	1.4	1.8
	Boalkhali	2.8	2.1	2.5	1.9	1.6	1.4	1.5	1.6	1.5	2.2	1.6	1.8	1.9	2.2	2.0	1.5	1.9
	Chandanaish	2.7	2.1	2.5	1.8	1.5	1.4	1.4	1.5	1.4	2.1	1.6	1.7	1.8	2.2	1.9	1.4	1.8
	Fatikchhari	3.0	2.2	2.7	2.1	1.6	1.6	1.5	1.6	1.5	2.2	1.7	1.9	2.0	2.4	2.1	1.6	2.0
	Hathazari	2.8	2.2	2.6	1.9	1.6	1.5	1.5	1.6	1.5	2.2	1.6	1.9	1.9	2.3	2.0	1.5	1.9
	Lohagara	2.5	2.0	2.4	1.7	1.5	1.3	1.4	1.5	1.4	2.1	1.5	1.7	1.7	2.1	1.8	1.4	1.8
	Mirsharai	3.0	2.2	2.7	2.1	1.6	1.6	1.5	1.7	1.6	2.2	1.7	2.0	2.0	2.4	2.1	1.6	2.0
	Patiya	2.7	2.1	2.5	1.8	1.5	1.4	1.5	1.6	1.5	2.1	1.6	1.8	1.8	2.2	2.0	1.5	1.9
	Rangunia	2.8	2.2	2.6	1.9	1.6	1.4	1.5	1.6	1.5	2.2	1.6	1.8	1.9	2.3	2.0	1.5	1.9
	Raozan	2.9	2.2	2.6	1.9	1.6	1.5	1.5	1.6	1.5	2.2	1.6	1.8	1.9	2.3	2.0	1.5	1.9
	Sandwip	2.8	2.1	2.5	1.9	1.5	1.5	1.5	1.6	1.5	2.2	1.7	2.0	1.9	2.3	2.0	1.5	1.9
	Satkania	2.6	2.0	2.4	1.7	1.5	1.3	1.4	1.5	1.4	2.1	1.6	1.7	1.8	2.1	1.9	1.4	1.8
	Sitakunda	2.8	2.1	2.6	2.0	1.6	1.5	1.5	1.6	1.5	2.2	1.7	1.9	1.9	2.3	2.0	1.5	1.9
Chuadanga	Alamdanga	3.1	2.2	2.8	2.5	1.7	2.1	1.8	1.7	1.8	2.2	2.0	2.6	2.2	2.7	2.3	1.9	2.1
	Chuadanga Sadar	3.1	2.2	2.8	2.5	1.7	2.1	1.8	1.7	1.8	2.2	2.0	2.6	2.2	2.7	2.3	1.9	2.1
	Damurhuda	3.1	2.2	2.8	2.5	1.7	2.2	1.8	1.7	1.8	2.2	2.0	2.7	2.2	2.7	2.3	1.9	2.1
	Jiban Nagar	3.1	2.2	2.8	2.5	1.7	2.1	1.8	1.7	1.8	2.2	2.1	2.7	2.2	2.6	2.3	1.9	2.1
Comilla	Barura	3.2	2.2	2.8	2.3	1.6	1.8	1.6	1.7	1.7	2.3	1.8	2.3	2.1	2.6	2.2	1.7	2.1
	Brahman Para	3.2	2.3	2.9	2.4	1.6	1.8	1.5	1.8	1.7	2.4	1.8	2.3	2.1	2.6	2.3	1.7	2.1
	Burichang	3.2	2.2	2.8	2.4	1.6	1.8	1.5	1.8	1.7	2.3	1.8	2.3	2.1	2.6	2.3	1.7	2.1
	Chandina	3.2	2.2	2.8	2.3	1.6	1.8	1.6	1.8	1.7	2.3	1.8	2.3	2.1	2.6	2.2	1.7	2.1
	Chauddagram	3.1	2.2	2.8	2.3	1.6	1.7	1.5	1.7	1.6	2.3	1.8	2.2	2.1	2.5	2.2	1.7	2.0
	Comilla Adarsha Sadar	3.2	2.2	2.8	2.3	1.6	1.8	1.5	1.8	1.7	2.3	1.8	2.3	2.1	2.6	2.3	1.7	2.1
	Daudkandi	3.2	2.2	2.8	2.4	1.6	1.8	1.6	1.8	1.7	2.3	1.8	2.3	2.1	2.6	2.2	1.7	2.1
	Debidwar	3.2	2.2	2.8	2.4	1.6	1.8	1.6	1.8	1.7	2.3	1.8	2.3	2.1	2.6	2.3	1.7	2.1
	Homna	3.2	2.2	2.8	2.4	1.6	1.8	1.6	1.8	1.7	2.4	1.8	2.3	2.1	2.6	2.3	1.7	2.1
	Laksam	3.1	2.2	2.8	2.3	1.6	1.8	1.5	1.7	1.6	2.3	1.8	2.3	2.1	2.5	2.2	1.7	2.0
	Meghna	3.2	2.2	2.8	2.4	1.5	1.8	1.6	1.8	1.8	2.3	1.8	2.3	2.1	2.6	2.3	1.7	2.1
	Manoharganj	3.1	2.2	2.7	2.2	1.6	1.7	1.5	1.7	1.6	2.3	1.8	2.3	2.1	2.5	2.2	1.7	2.0
	Muradnagar	3.2	2.2	2.8	2.4	1.6	1.8	1.6	1.8	1.7	2.4	1.8	2.3	2.1	2.6	2.3	1.7	2.1
	Nangalkot	3.1	2.2	2.7	2.2	1.6	1.7	1.5	1.7	1.6	2.3	1.8	2.2	2.1	2.5	2.2	1.6	2.0
	Comilla Sadar Dak	3.2	2.2	2.8	2.3	1.6	1.8	1.5	1.7	1.7	2.3	1.8	2.3	2.1	2.6	2.2	1.7	2.1

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	Titas	3.2	2.2	2.8	2.4	1.6	1.8	1.6	1.8	1.7	2.3	1.8	2.3	2.1	2.6	2.3	1.7	2.1
Cox'sBazar	Chakaria	2.3	1.9	2.2	1.6	1.4	1.2	1.4	1.5	1.4	2.0	1.5	1.7	1.7	2.0	1.7	1.4	1.8
	Cox's Bazar Sa	2.2	1.8	2.1	1.5	1.3	1.2	1.4	1.5	1.3	2.0	1.5	1.7	1.6	1.9	1.7	1.4	1.8
	Kutubdia	2.4	1.9	2.3	1.6	1.4	1.3	1.5	1.5	1.4	2.1	1.5	1.7	1.7	2.0	1.8	1.4	1.8
	Maheshkhali	2.2	1.8	2.2	1.5	1.3	1.2	1.4	1.5	1.4	2.0	1.5	1.7	1.7	1.9	1.7	1.4	1.8
	Pekua	2.4	1.9	2.3	1.6	1.4	1.3	1.4	1.5	1.4	2.1	1.5	1.7	1.7	2.0	1.8	1.4	1.8
	Ramu	2.2	1.8	2.1	1.5	1.3	1.1	1.4	1.5	1.3	2.0	1.5	1.6	1.6	1.9	1.6	1.3	1.8
	Teknaf	2.1	1.8	1.9	1.4	1.3	1.1	1.4	1.4	1.2	2.0	1.5	1.6	1.6	1.8	1.5	1.3	1.7
	Ukhia	2.1	1.8	2.0	1.5	1.3	1.1	1.4	1.4	1.3	2.0	1.5	1.6	1.6	1.9	1.6	1.3	1.7
Dhaka	Dhamrai	3.2	2.2	2.8	2.5	1.6	1.9	1.7	1.9	1.9	2.4	1.8	2.4	2.2	2.6	2.3	1.8	2.1
	Dohar	3.1	2.2	2.8	2.4	1.5	1.9	1.7	1.8	1.8	2.3	1.9	2.4	2.1	2.6	2.2	1.8	2.1
	Keraniganj	3.2	2.2	2.8	2.4	1.5	1.9	1.6	1.8	1.8	2.3	1.8	2.4	2.2	2.6	2.2	1.8	2.1
	Nawabganj	3.2	2.2	2.8	2.4	1.5	1.9	1.7	1.8	1.8	2.3	1.9	2.4	2.2	2.6	2.2	1.8	2.1
	Savar	3.2	2.2	2.8	2.5	1.5	1.9	1.6	1.9	1.8	2.4	1.8	2.4	2.2	2.6	2.3	1.8	2.1
Dinajpur	Birampur	2.9	2.1	2.8	2.6	2.0	1.8	1.9	2.1	2.0	2.7	2.0	3.2	2.3	2.7	2.5	1.9	2.3
	Birganj	2.6	2.0	2.6	2.4	2.2	1.9	1.9	2.2	2.0	2.7	2.1	3.3	2.3	2.6	2.4	2.0	2.4
	Biral	2.8	2.0	2.7	2.5	2.1	1.8	1.9	2.1	2.0	2.7	2.0	3.3	2.3	2.7	2.4	2.0	2.3
	Bochaganj	2.7	2.0	2.7	2.4	2.2	1.9	2.0	2.1	2.0	2.7	2.0	3.3	2.3	2.7	2.4	2.0	2.4
	Chirirbandar	2.8	2.0	2.7	2.5	2.1	1.8	1.9	2.1	2.0	2.7	2.0	3.2	2.3	2.7	2.4	2.0	2.3
	Dinajpur Sadar	2.8	2.1	2.7	2.5	2.1	1.8	1.9	2.1	2.0	2.7	2.0	3.2	2.3	2.7	2.4	2.0	2.3
	Fulbari	2.9	2.1	2.8	2.6	2.0	1.8	1.9	2.1	2.0	2.7	2.0	3.2	2.3	2.7	2.5	1.9	2.3
	Ghoraghat	2.9	2.1	2.8	2.6	1.9	1.8	1.9	2.1	2.0	2.7	1.9	3.1	2.3	2.7	2.4	1.9	2.3
	Hakimpur	2.9	2.1	2.8	2.6	2.0	1.8	1.9	2.1	2.0	2.7	1.9	3.1	2.3	2.7	2.5	1.9	2.3
	Kaharole	2.7	2.0	2.7	2.4	2.2	1.9	1.9	2.1	2.0	2.7	2.0	3.3	2.3	2.7	2.4	2.0	2.4
	Khansama	2.7	2.0	2.7	2.4	2.2	1.9	1.9	2.1	2.0	2.7	2.1	3.2	2.3	2.6	2.4	2.0	2.4
	Nawabganj	2.9	2.1	2.8	2.6	2.0	1.8	1.9	2.1	2.0	2.7	2.0	3.2	2.3	2.7	2.5	1.9	2.3
	Parbatipur	2.8	2.0	2.7	2.5	2.1	1.8	1.9	2.1	2.0	2.7	2.0	3.2	2.3	2.7	2.4	1.9	2.3
Faridpur	Alfadanga	3.1	2.1	2.7	2.4	1.5	1.9	1.7	1.8	1.8	2.3	2.0	2.6	2.1	2.6	2.2	1.8	2.1
	Bhanga	3.1	2.1	2.7	2.4	1.5	1.8	1.7	1.8	1.8	2.3	1.9	2.5	2.1	2.6	2.2	1.8	2.1
	Boalmari	3.1	2.1	2.7	2.4	1.5	1.9	1.7	1.8	1.8	2.3	2.0	2.6	2.2	2.6	2.2	1.8	2.1
	Char Bhadrasan	3.1	2.1	2.8	2.4	1.5	1.9	1.7	1.8	1.8	2.3	1.9	2.5	2.2	2.6	2.2	1.8	2.1
	Faridpur Sadar	3.1	2.2	2.8	2.4	1.5	1.9	1.7	1.8	1.8	2.3	1.9	2.5	2.2	2.6	2.2	1.8	2.1
	Madhukhali	3.1	2.1	2.7	2.5	1.5	2.0	1.7	1.8	1.8	2.3	1.9	2.5	2.2	2.6	2.2	1.8	2.1
	Nagarkanda	3.1	2.1	2.7	2.4	1.5	1.9	1.7	1.8	1.8	2.3	1.9	2.5	2.1	2.6	2.2	1.8	2.1
	Sadarpur	3.1	2.1	2.7	2.4	1.5	1.9	1.7	1.8	1.8	2.3	1.9	2.5	2.1	2.6	2.2	1.8	2.1
	Saltha	3.1	2.1	2.7	2.4	1.5	1.9	1.7	1.8	1.8	2.3	1.9	2.5	2.1	2.6	2.2	1.8	2.1
Feni	Chhagalnaiya	3.1	2.2	2.7	2.2	1.6	1.7	1.5	1.7	1.6	2.3	1.7	2.1	2.0	2.5	2.2	1.6	2.0
	Daganbhuiyan	3.1	2.2	2.7	2.2	1.6	1.6	1.5	1.7	1.6	2.3	1.7	2.1	2.0	2.5	2.2	1.6	2.0

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	Feni Sadar	3.1	2.2	2.7	2.2	1.6	1.7	1.5	1.7	1.6	2.3	1.7	2.1	2.0	2.5	2.2	1.6	2.0
	Fulgazi	3.1	2.2	2.8	2.2	1.6	1.7	1.5	1.7	1.6	2.3	1.7	2.1	2.1	2.5	2.2	1.6	2.0
	Parshuram	3.1	2.2	2.8	2.2	1.6	1.7	1.5	1.7	1.6	2.3	1.7	2.2	2.1	2.5	2.2	1.6	2.0
	Sonagazi	3.0	2.2	2.7	2.1	1.6	1.6	1.5	1.7	1.6	2.2	1.7	2.1	2.0	2.4	2.1	1.6	2.0
Gaibandha	Gaibandha Sadar	2.9	2.1	2.8	2.6	1.9	1.7	1.8	2.1	2.0	2.7	2.0	3.1	2.3	2.7	2.4	1.9	2.3
	Gobindaganj	3.0	2.1	2.8	2.6	1.9	1.8	1.9	2.1	2.0	2.6	1.9	3.0	2.3	2.7	2.4	1.9	2.3
	Palashbari	2.9	2.1	2.8	2.6	1.9	1.8	1.9	2.1	2.0	2.7	1.9	3.1	2.3	2.7	2.4	1.9	2.3
	Fulchhari	2.9	2.1	2.8	2.6	1.8	1.7	1.8	2.1	2.0	2.7	1.9	3.0	2.3	2.7	2.4	1.9	2.3
	Sadullapur	2.9	2.1	2.8	2.6	1.9	1.7	1.9	2.1	2.0	2.7	2.0	3.1	2.3	2.7	2.4	1.9	2.3
	Saghatta	3.0	2.1	2.8	2.6	1.8	1.8	1.8	2.1	2.0	2.6	1.9	3.0	2.3	2.7	2.4	1.9	2.3
	Sundarganj	2.8	2.0	2.8	2.6	1.9	1.7	1.9	2.1	2.0	2.7	2.0	3.1	2.3	2.6	2.4	1.9	2.3
Gazipur	Gazipur Sadar	3.2	2.3	2.9	2.5	1.6	1.9	1.6	1.9	1.8	2.4	1.8	2.4	2.2	2.6	2.3	1.8	2.1
	Kaliganj	3.2	2.3	2.9	2.4	1.6	1.9	1.6	1.9	1.8	2.4	1.8	2.4	2.2	2.6	2.3	1.8	2.1
	Kaliakair	3.2	2.3	2.9	2.5	1.6	1.9	1.7	1.9	1.9	2.4	1.8	2.4	2.2	2.6	2.3	1.8	2.1
	Kapasia	3.2	2.3	2.9	2.5	1.6	1.9	1.6	1.9	1.8	2.4	1.8	2.4	2.2	2.6	2.3	1.8	2.1
	Sreepur	3.2	2.3	2.9	2.5	1.6	1.9	1.7	1.9	1.9	2.4	1.8	2.4	2.2	2.6	2.3	1.8	2.1
Gopalganj	Gopalganj Sadar	2.9	2.0	2.6	2.3	1.5	1.8	1.7	1.8	1.7	2.3	2.0	2.5	2.1	2.5	2.1	1.7	2.1
	Kashiani	3.0	2.0	2.6	2.3	1.5	1.8	1.7	1.8	1.8	2.3	2.0	2.5	2.1	2.5	2.2	1.8	2.1
	Kotali Para	2.9	2.0	2.6	2.3	1.5	1.7	1.7	1.8	1.7	2.3	1.9	2.5	2.1	2.4	2.1	1.7	2.1
	Muksudpur	3.0	2.1	2.7	2.4	1.5	1.8	1.7	1.8	1.8	2.3	1.9	2.5	2.1	2.5	2.2	1.8	2.1
	Tungi Para	2.9	2.0	2.6	2.3	1.5	1.7	1.7	1.8	1.7	2.2	2.0	2.5	2.0	2.4	2.1	1.7	2.1
Habiganj	Ajmiriganj	3.2	2.2	2.9	2.5	1.7	1.8	1.6	1.9	1.8	2.5	1.8	2.4	2.2	2.6	2.4	1.8	2.2
	Bahubal	3.2	2.3	2.9	2.4	1.7	1.8	1.5	1.8	1.7	2.5	1.8	2.3	2.2	2.6	2.4	1.7	2.1
	Baniachong	3.2	2.2	2.9	2.5	1.7	1.8	1.6	1.9	1.8	2.5	1.8	2.4	2.2	2.6	2.4	1.8	2.2
	Chunarughat	3.2	2.3	2.9	2.4	1.7	1.8	1.5	1.8	1.7	2.4	1.8	2.3	2.2	2.6	2.4	1.7	2.1
	Habiganj Sadar	3.2	2.3	2.9	2.4	1.7	1.8	1.6	1.9	1.8	2.5	1.8	2.3	2.2	2.6	2.4	1.7	2.1
	Lakhai	3.2	2.3	2.9	2.4	1.7	1.8	1.6	1.9	1.8	2.5	1.8	2.3	2.2	2.6	2.4	1.8	2.1
	Madhabpur	3.2	2.3	2.9	2.4	1.7	1.8	1.5	1.8	1.8	2.4	1.8	2.3	2.2	2.6	2.3	1.7	2.1
	Nabiganj	3.1	2.2	2.9	2.5	1.7	1.8	1.6	1.9	1.8	2.5	1.8	2.4	2.2	2.6	2.4	1.7	2.2
Jamalpur	Bakshiganj	3.0	2.1	2.8	2.6	1.8	1.7	1.8	2.1	2.0	2.6	1.9	3.0	2.3	2.7	2.4	1.9	2.3
	Dewanganj	2.9	2.1	2.8	2.6	1.8	1.7	1.8	2.1	2.0	2.7	1.9	3.0	2.3	2.7	2.4	1.9	2.3
	Islampur	3.0	2.1	2.8	2.6	1.8	1.8	1.8	2.1	2.0	2.6	1.9	2.9	2.3	2.7	2.4	1.9	2.3
	Jamalpur Sadar	3.0	2.1	2.9	2.6	1.7	1.8	1.8	2.0	2.0	2.6	1.9	2.8	2.3	2.6	2.4	1.9	2.2
	Madarganj	3.0	2.1	2.8	2.6	1.7	1.8	1.8	2.1	2.0	2.6	1.9	2.8	2.3	2.7	2.4	1.9	2.2
	Melandaha	3.0	2.1	2.8	2.6	1.7	1.8	1.8	2.1	2.0	2.6	1.9	2.8	2.3	2.7	2.4	1.9	2.2
	Sharishabari	3.1	2.2	2.8	2.6	1.7	1.8	1.8	2.0	2.0	2.5	1.9	2.7	2.3	2.7	2.4	1.9	2.2
Jessore	Abhaynagar	2.9	2.0	2.6	2.3	1.6	1.9	1.8	1.7	1.8	2.2	2.0	2.6	2.1	2.5	2.2	1.8	2.1
	Bagher Para	3.0	2.1	2.7	2.4	1.6	2.0	1.8	1.7	1.8	2.2	2.0	2.6	2.2	2.6	2.2	1.8	2.1

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	Chaugachha	3.1	2.1	2.7	2.4	1.6	2.1	1.8	1.7	1.8	2.2	2.1	2.7	2.2	2.6	2.3	1.9	2.1
	Sadar	3.0	2.1	2.7	2.4	1.6	2.0	1.8	1.7	1.8	2.2	2.1	2.6	2.2	2.6	2.2	1.8	2.1
	Jhikargachha	3.0	2.1	2.7	2.4	1.6	2.0	1.8	1.7	1.8	2.2	2.1	2.6	2.2	2.6	2.2	1.8	2.2
	Keshabpur	2.9	2.0	2.6	2.3	1.6	1.9	1.8	1.7	1.8	2.2	2.1	2.5	2.1	2.5	2.2	1.8	2.1
	Manirampur	2.9	2.1	2.6	2.4	1.6	1.9	1.8	1.7	1.8	2.2	2.1	2.6	2.1	2.5	2.2	1.8	2.1
	Sharsha	3.0	2.1	2.7	2.4	1.6	2.0	1.8	1.7	1.8	2.2	2.1	2.6	2.2	2.6	2.2	1.8	2.2
Jhalokati	Jhalokati Sadar	2.7	1.9	2.5	2.1	1.4	1.6	1.6	1.7	1.6	2.2	1.9	2.3	2.0	2.3	2.0	1.6	2.0
	Kanthalia	2.5	1.8	2.4	2.0	1.5	1.6	1.6	1.7	1.6	2.2	1.9	2.3	1.9	2.2	2.0	1.6	2.0
	Nalchity	2.7	1.9	2.5	2.1	1.5	1.6	1.6	1.7	1.6	2.2	1.9	2.3	2.0	2.3	2.0	1.6	2.0
	Rajapur	2.6	1.8	2.4	2.1	1.4	1.6	1.6	1.7	1.6	2.2	1.9	2.3	1.9	2.2	2.0	1.6	2.0
Jhenaidah	Harinakunda	3.1	2.2	2.8	2.5	1.6	2.1	1.8	1.7	1.8	2.2	2.0	2.6	2.2	2.6	2.3	1.9	2.1
	Jhenaidah Sadar	3.1	2.2	2.8	2.5	1.6	2.1	1.8	1.7	1.8	2.2	2.0	2.6	2.2	2.6	2.3	1.9	2.1
	Kaliganj	3.1	2.1	2.7	2.5	1.6	2.1	1.8	1.7	1.8	2.2	2.0	2.6	2.2	2.6	2.3	1.9	2.1
	Kotchandpur	3.1	2.2	2.8	2.5	1.6	2.1	1.8	1.7	1.8	2.2	2.0	2.7	2.2	2.6	2.3	1.9	2.1
	Maheshpur	3.1	2.1	2.7	2.5	1.7	2.1	1.8	1.7	1.8	2.2	2.1	2.7	2.2	2.6	2.3	1.9	2.1
	Shailkupa	3.1	2.2	2.8	2.5	1.6	2.0	1.8	1.8	1.8	2.3	1.9	2.6	2.2	2.6	2.3	1.8	2.1
Joypurhat	Akkelpur	3.0	2.2	2.8	2.6	1.9	1.9	1.9	2.0	1.9	2.6	1.9	3.0	2.3	2.7	2.4	1.9	2.2
	Joypurhat Sadar	3.0	2.2	2.8	2.6	1.9	1.8	1.9	2.1	2.0	2.6	1.9	3.0	2.3	2.7	2.4	1.9	2.3
	Kalai	3.0	2.1	2.8	2.6	1.9	1.8	1.9	2.1	2.0	2.6	1.9	3.0	2.3	2.7	2.4	1.9	2.3
	Khetlal	3.0	2.2	2.8	2.6	1.9	1.8	1.9	2.0	2.0	2.6	1.9	3.0	2.3	2.7	2.4	1.9	2.3
	Panchbibi	2.9	2.1	2.8	2.6	1.9	1.8	1.9	2.1	2.0	2.7	1.9	3.1	2.3	2.7	2.5	1.9	2.3
Khagrachhari	Dighinala	3.2	2.3	2.9	2.3	1.7	1.7	1.5	1.7	1.6	2.4	1.7	2.0	2.1	2.5	2.3	1.6	2.0
	Khagrachhari Sa	3.2	2.3	2.8	2.2	1.7	1.7	1.5	1.7	1.6	2.3	1.7	2.0	2.0	2.5	2.2	1.6	2.0
	Lakshmichhari	3.0	2.3	2.7	2.1	1.7	1.6	1.5	1.6	1.5	2.2	1.7	1.9	2.0	2.4	2.1	1.5	1.9
	Mahalchhari	3.1	2.3	2.8	2.1	1.7	1.6	1.5	1.6	1.5	2.3	1.7	1.9	2.0	2.5	2.2	1.6	2.0
	Manikchhari	3.1	2.3	2.7	2.1	1.6	1.6	1.5	1.6	1.5	2.3	1.7	1.9	2.0	2.4	2.2	1.6	2.0
	Matiranga	3.2	2.3	2.8	2.2	1.7	1.7	1.5	1.7	1.6	2.3	1.7	2.0	2.1	2.5	2.2	1.6	2.0
	Panchhari	3.2	2.3	2.8	2.3	1.7	1.7	1.5	1.7	1.6	2.4	1.7	2.0	2.1	2.5	2.3	1.6	2.0
	Ramgarh	3.1	2.3	2.7	2.1	1.7	1.6	1.5	1.7	1.6	2.3	1.7	2.0	2.0	2.4	2.2	1.6	2.0
Khulna	Batiaghata	2.8	1.9	2.5	2.2	1.5	1.8	1.7	1.7	1.7	2.2	2.0	2.4	2.0	2.4	2.1	1.7	2.1
	Dacope	2.4	1.8	2.4	2.1	1.5	1.8	1.7	1.7	1.7	2.1	1.9	2.3	1.9	2.2	2.0	1.7	2.0
	Dighalia	2.9	2.0	2.6	2.3	1.5	1.8	1.7	1.7	1.7	2.2	2.0	2.5	2.1	2.5	2.1	1.7	2.1
	Dumuria	2.8	2.0	2.6	2.3	1.5	1.8	1.7	1.7	1.7	2.2	2.0	2.5	2.1	2.4	2.1	1.8	2.1
	Koyra	2.3	1.8	2.4	2.1	1.6	1.8	1.7	1.7	1.6	2.1	1.9	2.2	1.9	2.1	2.0	1.7	2.0
	Phultala	2.9	2.0	2.6	2.3	1.5	1.8	1.7	1.7	1.8	2.2	2.0	2.5	2.1	2.5	2.2	1.8	2.1
	Paikgachha	2.7	1.9	2.5	2.2	1.5	1.8	1.7	1.7	1.7	2.2	2.0	2.4	2.0	2.3	2.1	1.7	2.1
	Rupsa	2.8	2.0	2.5	2.2	1.5	1.7	1.7	1.7	1.7	2.2	2.0	2.5	2.1	2.4	2.1	1.7	2.1
	Terokhada	2.9	2.0	2.6	2.3	1.5	1.8	1.7	1.7	1.7	2.2	2.0	2.5	2.1	2.4	2.1	1.7	2.1

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Kishoreganj	Austagram	3.2	2.3	2.9	2.5	1.7	1.8	1.6	1.9	1.8	2.5	1.8	2.4	2.2	2.6	2.4	1.8	2.1
	Bajitpur	3.2	2.3	2.9	2.5	1.7	1.8	1.6	1.9	1.8	2.4	1.8	2.4	2.2	2.6	2.3	1.8	2.1
	Bhairab	3.2	2.3	2.9	2.4	1.7	1.9	1.6	1.9	1.8	2.4	1.8	2.3	2.2	2.6	2.3	1.8	2.1
	Hossainpur	3.2	2.2	2.9	2.5	1.7	1.8	1.6	1.9	1.9	2.5	1.8	2.5	2.2	2.6	2.4	1.8	2.2
	Itna	3.2	2.2	2.9	2.5	1.7	1.8	1.6	1.9	1.8	2.5	1.8	2.5	2.2	2.6	2.4	1.8	2.2
	Karimganj	3.2	2.2	2.9	2.5	1.7	1.8	1.6	1.9	1.8	2.5	1.8	2.5	2.2	2.6	2.4	1.8	2.1
	Katiadi	3.2	2.3	2.9	2.5	1.7	1.8	1.6	1.9	1.8	2.4	1.8	2.4	2.2	2.6	2.3	1.8	2.1
	Kishoreganj Sad	3.2	2.2	2.9	2.5	1.7	1.8	1.6	1.9	1.8	2.5	1.8	2.5	2.2	2.6	2.4	1.8	2.1
	Kuliar Char	3.2	2.3	2.9	2.4	1.7	1.9	1.6	1.9	1.8	2.4	1.8	2.4	2.2	2.6	2.3	1.8	2.1
	Mithamain	3.2	2.2	2.9	2.5	1.7	1.8	1.6	1.9	1.8	2.5	1.8	2.4	2.2	2.6	2.4	1.8	2.1
	Nikli	3.2	2.2	2.9	2.5	1.7	1.8	1.6	1.9	1.8	2.5	1.8	2.4	2.2	2.6	2.4	1.8	2.1
	Pakundia	3.2	2.2	2.9	2.5	1.7	1.8	1.6	1.9	1.8	2.4	1.8	2.4	2.2	2.6	2.3	1.8	2.1
	Tarail	3.1	2.2	2.9	2.5	1.7	1.8	1.6	1.9	1.8	2.5	1.8	2.5	2.2	2.6	2.4	1.8	2.2
Kurigram	Bhurungamari	2.5	1.9	2.6	2.4	2.2	1.8	1.9	2.2	2.0	2.6	2.1	3.1	2.3	2.5	2.4	2.0	2.4
	Char Rajibpur	2.9	2.0	2.8	2.6	1.9	1.7	1.8	2.1	2.0	2.7	2.0	3.0	2.3	2.6	2.4	1.9	2.3
	Chilmari	2.8	2.0	2.8	2.6	1.9	1.7	1.8	2.1	2.0	2.7	2.0	3.1	2.3	2.6	2.4	1.9	2.3
	Kurigram Sada	2.7	2.0	2.7	2.5	2.1	1.7	1.9	2.2	2.0	2.7	2.0	3.1	2.3	2.6	2.4	1.9	2.3
	Nageshwari	2.6	1.9	2.7	2.5	2.1	1.8	1.9	2.2	2.0	2.6	2.1	3.1	2.3	2.6	2.4	2.0	2.4
	Phulbari	2.6	1.9	2.7	2.5	2.1	1.8	1.9	2.2	2.0	2.7	2.1	3.1	2.3	2.6	2.4	2.0	2.4
	Rajarhat	2.7	2.0	2.7	2.5	2.0	1.8	1.9	2.2	2.0	2.7	2.0	3.1	2.3	2.6	2.4	1.9	2.3
	Raumari	2.8	2.0	2.8	2.6	1.9	1.7	1.8	2.2	2.0	2.7	2.0	3.1	2.3	2.6	2.4	1.9	2.3
	Ulipur	2.8	2.0	2.7	2.5	2.0	1.7	1.9	2.2	2.0	2.7	2.0	3.1	2.3	2.6	2.4	1.9	2.3
Kushtia	Bheramara	3.1	2.2	2.8	2.5	1.7	2.1	1.8	1.8	1.9	2.3	1.9	2.6	2.2	2.7	2.4	1.9	2.1
	Daulatpur	3.1	2.2	2.8	2.5	1.7	2.1	1.8	1.8	1.8	2.3	1.9	2.6	2.2	2.7	2.4	1.9	2.1
	Khoksa	3.1	2.2	2.8	2.5	1.6	2.0	1.8	1.8	1.8	2.3	1.9	2.6	2.2	2.6	2.3	1.9	2.1
	Kumarkhali	3.2	2.2	2.8	2.5	1.6	2.0	1.8	1.8	1.8	2.3	1.9	2.6	2.2	2.6	2.3	1.9	2.1
	Kushtia Sadar	3.1	2.2	2.8	2.5	1.6	2.1	1.8	1.8	1.8	2.3	1.9	2.6	2.2	2.6	2.3	1.9	2.1
	Mirpur	3.1	2.2	2.8	2.5	1.7	2.1	1.8	1.8	1.8	2.3	1.9	2.6	2.2	2.7	2.3	1.9	2.1
Lakshmipur	Kamalnagar	2.9	2.0	2.6	2.1	1.5	1.6	1.6	1.7	1.6	2.2	1.8	2.2	2.0	2.4	2.1	1.6	2.0
	Lakshmipur Sad	3.0	2.1	2.6	2.2	1.5	1.6	1.6	1.7	1.6	2.3	1.8	2.2	2.0	2.4	2.1	1.6	2.0
	Roypur	3.0	2.1	2.6	2.2	1.5	1.7	1.6	1.7	1.6	2.3	1.8	2.3	2.0	2.5	2.1	1.7	2.0
	Ramganj	3.1	2.1	2.7	2.2	1.6	1.7	1.6	1.7	1.6	2.3	1.8	2.3	2.1	2.5	2.2	1.7	2.0
	Ramgati	2.8	2.0	2.5	2.0	1.5	1.6	1.5	1.7	1.6	2.2	1.8	2.1	1.9	2.3	2.0	1.6	2.0
Lalmonirhat	Aditmari	2.6	2.0	2.6	2.5	2.1	1.8	1.9	2.2	2.0	2.7	2.1	3.2	2.3	2.6	2.4	2.0	2.4
	Hatibandha	2.5	1.9	2.6	2.4	2.2	1.9	1.9	2.2	2.0	2.7	2.1	3.2	2.3	2.6	2.4	2.0	2.4
	Kaliganj	2.6	2.0	2.6	2.4	2.2	1.8	1.9	2.2	2.0	2.7	2.1	3.2	2.3	2.6	2.4	2.0	2.4
	Lalmonirhat Sad	2.7	2.0	2.7	2.5	2.1	1.8	1.9	2.2	2.0	2.7	2.0	3.1	2.3	2.6	2.4	2.0	2.4
	Patgram	2.4	1.9	2.5	2.3	2.3	1.9	1.9	2.2	2.0	2.6	2.2	3.3	2.3	2.5	2.4	2.0	2.4

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Madaripur	Kalkini	3.0	2.0	2.6	2.3	1.5	1.7	1.7	1.8	1.7	2.3	1.9	2.4	2.1	2.5	2.1	1.7	2.1
	Madaripur Sad	3.0	2.0	2.6	2.3	1.5	1.8	1.7	1.8	1.7	2.3	1.9	2.5	2.1	2.5	2.1	1.7	2.1
	Rajoir	3.0	2.0	2.6	2.3	1.5	1.8	1.7	1.8	1.7	2.3	1.9	2.5	2.1	2.5	2.1	1.7	2.1
	Shib Char	3.1	2.1	2.7	2.4	1.5	1.8	1.7	1.8	1.8	2.3	1.9	2.5	2.1	2.6	2.2	1.8	2.1
Magura	Magura Sadar	3.1	2.1	2.7	2.5	1.6	2.0	1.8	1.8	1.8	2.3	2.0	2.6	2.2	2.6	2.3	1.8	2.1
	Mohammadpur	3.1	2.1	2.7	2.4	1.5	2.0	1.7	1.8	1.8	2.3	2.0	2.6	2.2	2.6	2.2	1.8	2.1
	Shalikha	3.1	2.1	2.7	2.4	1.6	2.0	1.8	1.7	1.8	2.3	2.0	2.6	2.2	2.6	2.2	1.8	2.1
	Sreepur	3.1	2.2	2.8	2.5	1.6	2.0	1.7	1.8	1.8	2.3	1.9	2.6	2.2	2.6	2.3	1.8	2.1
Manikganj	Daulatpur	3.2	2.2	2.8	2.5	1.6	1.9	1.7	1.9	1.9	2.3	1.9	2.5	2.2	2.6	2.3	1.8	2.1
	Ghior	3.2	2.2	2.8	2.5	1.5	1.9	1.7	1.9	1.9	2.3	1.9	2.5	2.2	2.6	2.3	1.8	2.1
	Harirampur	3.2	2.2	2.8	2.5	1.5	1.9	1.7	1.8	1.8	2.3	1.9	2.5	2.2	2.6	2.2	1.8	2.1
	Manikganj Sad	3.2	2.2	2.8	2.5	1.5	1.9	1.7	1.9	1.8	2.3	1.8	2.4	2.2	2.6	2.3	1.8	2.1
	Saturia	3.2	2.2	2.8	2.5	1.6	1.9	1.7	1.9	1.9	2.4	1.8	2.4	2.2	2.6	2.3	1.8	2.1
	Shibalaya	3.2	2.2	2.8	2.5	1.5	1.9	1.7	1.8	1.9	2.3	1.9	2.5	2.2	2.6	2.3	1.8	2.1
	Singair	3.2	2.2	2.8	2.4	1.5	1.9	1.7	1.8	1.8	2.3	1.8	2.4	2.2	2.6	2.3	1.8	2.1
Maulvibazar	Barlekha	3.1	2.1	2.9	2.4	1.7	1.8	1.5	1.8	1.7	2.5	1.8	2.3	2.1	2.5	2.4	1.7	2.2
	Juri	3.1	2.2	2.9	2.4	1.7	1.8	1.5	1.8	1.7	2.5	1.8	2.3	2.1	2.5	2.4	1.7	2.2
	Kamalganj	3.2	2.3	2.9	2.4	1.7	1.8	1.5	1.8	1.7	2.5	1.8	2.2	2.2	2.6	2.4	1.7	2.1
	Kulaura	3.1	2.2	2.9	2.4	1.7	1.8	1.5	1.8	1.7	2.5	1.8	2.3	2.2	2.5	2.4	1.7	2.2
	Maulvi Bazar Sa	3.1	2.2	2.9	2.4	1.7	1.8	1.5	1.8	1.7	2.5	1.8	2.3	2.2	2.6	2.4	1.7	2.2
	Rajnagar	3.1	2.2	2.9	2.4	1.7	1.8	1.5	1.8	1.7	2.5	1.8	2.3	2.2	2.6	2.4	1.7	2.2
	Sreemangal	3.2	2.3	2.9	2.4	1.7	1.8	1.5	1.8	1.7	2.5	1.8	2.3	2.2	2.6	2.4	1.7	2.1
Meherpur	Gangni	3.1	2.2	2.8	2.5	1.7	2.1	1.8	1.8	1.8	2.2	1.9	2.6	2.2	2.7	2.3	1.9	2.1
	Meherpur Sadar	3.1	2.2	2.8	2.5	1.7	2.2	1.8	1.7	1.8	2.2	2.0	2.6	2.2	2.7	2.3	1.9	2.1
	Mujib Nagar	3.1	2.2	2.8	2.5	1.7	2.2	1.8	1.7	1.8	2.2	2.0	2.7	2.2	2.7	2.3	1.9	2.1
Munshiganj	Gazaria	3.2	2.2	2.8	2.4	1.5	1.8	1.6	1.8	1.7	2.3	1.8	2.4	2.1	2.6	2.2	1.7	2.1
	Lohajang	3.1	2.1	2.7	2.4	1.5	1.8	1.6	1.8	1.8	2.3	1.9	2.4	2.1	2.6	2.2	1.8	2.1
	Munshiganj Sada	3.2	2.2	2.8	2.4	1.5	1.8	1.6	1.8	1.7	2.3	1.8	2.4	2.1	2.6	2.2	1.7	2.1
	Serajdikhan	3.2	2.2	2.8	2.4	1.5	1.9	1.6	1.8	1.8	2.3	1.8	2.4	2.1	2.6	2.2	1.8	2.1
	Sreenagar	3.1	2.2	2.8	2.4	1.5	1.8	1.6	1.8	1.8	2.3	1.9	2.4	2.1	2.6	2.2	1.8	2.1
	Tongibari	3.1	2.2	2.8	2.4	1.5	1.8	1.6	1.8	1.8	2.3	1.9	2.4	2.1	2.6	2.2	1.8	2.1
Mymensingh	Bhaluka	3.2	2.2	2.9	2.5	1.6	1.8	1.7	1.9	1.9	2.5	1.8	2.5	2.2	2.6	2.3	1.8	2.1
	Dhobaura	3.0	2.1	2.9	2.6	1.7	1.7	1.7	2.1	1.9	2.6	1.9	2.8	2.3	2.6	2.4	1.9	2.3
	Fulbaria	3.1	2.2	2.9	2.5	1.7	1.8	1.7	2.0	1.9	2.5	1.9	2.6	2.2	2.6	2.4	1.9	2.2
	Gaffargaon	3.2	2.2	2.9	2.5	1.7	1.8	1.7	1.9	1.9	2.5	1.8	2.5	2.2	2.6	2.3	1.8	2.1
	Gauripur	3.1	2.2	2.9	2.5	1.7	1.8	1.7	2.0	1.9	2.5	1.9	2.6	2.2	2.6	2.4	1.8	2.2
	Haluaghat	3.0	2.1	2.9	2.6	1.7	1.7	1.7	2.1	1.9	2.6	1.9	2.8	2.3	2.6	2.4	1.9	2.3
	Ishwarganj	3.1	2.2	2.9	2.5	1.7	1.8	1.7	2.0	1.9	2.5	1.9	2.6	2.2	2.6	2.4	1.8	2.2
	Muktagachha	3.1	2.1	2.9	2.6	1.7	1.8	1.7	2.0	1.9	2.5	1.9	2.7	2.2	2.6	2.4	1.9	2.2

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	Mymensingh Sad	3.1	2.1	2.9	2.6	1.7	1.8	1.7	2.0	1.9	2.5	1.9	2.7	2.2	2.6	2.4	1.9	2.2
	Nandail	3.1	2.2	2.9	2.5	1.7	1.8	1.7	1.9	1.9	2.5	1.8	2.5	2.2	2.6	2.4	1.8	2.2
	Phulpur	3.0	2.1	2.9	2.6	1.7	1.8	1.7	2.0	1.9	2.6	1.9	2.8	2.3	2.6	2.4	1.9	2.2
	Tarakanda	3.1	2.1	2.9	2.6	1.7	1.8	1.7	2.0	1.9	2.6	1.9	2.7	2.2	2.6	2.4	1.9	2.2
	Trishal	3.1	2.2	2.9	2.5	1.7	1.8	1.7	2.0	1.9	2.5	1.9	2.6	2.2	2.6	2.4	1.8	2.2
Naogaon	Atrai	3.1	2.2	2.8	2.6	1.8	1.9	1.8	1.9	1.9	2.5	1.9	2.8	2.3	2.7	2.4	1.9	2.2
	Badalgachhi	3.0	2.2	2.8	2.6	1.9	1.9	1.9	2.0	1.9	2.6	1.9	3.0	2.3	2.7	2.4	1.9	2.2
	Dhamoirhat	3.0	2.2	2.8	2.6	1.9	1.8	1.9	2.0	2.0	2.6	1.9	3.1	2.3	2.7	2.5	1.9	2.3
	Manda	3.0	2.2	2.8	2.6	1.9	1.9	1.9	2.0	1.9	2.5	1.9	2.9	2.3	2.7	2.4	1.9	2.2
	Mahadebpur	3.0	2.2	2.8	2.6	1.9	1.9	1.9	2.0	1.9	2.6	1.9	3.0	2.3	2.7	2.4	1.9	2.2
	Naogaon Sadar	3.0	2.2	2.8	2.6	1.9	1.9	1.9	2.0	1.9	2.5	1.9	2.9	2.3	2.7	2.4	1.9	2.2
	Niamatpur	3.0	2.2	2.8	2.6	1.9	2.0	1.9	2.0	1.9	2.5	1.9	3.0	2.3	2.7	2.4	1.9	2.2
	Patnitala	3.0	2.2	2.8	2.6	2.0	1.9	1.9	2.0	2.0	2.6	1.9	3.1	2.3	2.7	2.5	1.9	2.3
	Porsha	3.0	2.2	2.8	2.6	1.9	1.9	1.9	2.0	1.9	2.6	1.9	3.1	2.3	2.7	2.4	1.9	2.2
	Raninagar	3.0	2.2	2.8	2.6	1.8	1.9	1.8	2.0	1.9	2.5	1.9	2.9	2.3	2.7	2.4	1.9	2.2
	Sapahar	3.0	2.2	2.8	2.6	2.0	1.9	1.9	2.0	2.0	2.6	1.9	3.1	2.3	2.8	2.5	2.0	2.3
Narail	Kalia	2.9	2.0	2.6	2.3	1.5	1.8	1.7	1.7	1.7	2.2	2.0	2.5	2.1	2.5	2.1	1.8	2.1
	Lohagara	3.0	2.1	2.7	2.4	1.5	1.9	1.7	1.8	1.8	2.3	2.0	2.6	2.1	2.5	2.2	1.8	2.1
	Narail Sadar	3.0	2.1	2.7	2.4	1.5	1.9	1.8	1.7	1.8	2.2	2.0	2.6	2.1	2.5	2.2	1.8	2.1
Narayanganj	Araihazar	3.2	2.2	2.8	2.4	1.6	1.9	1.6	1.8	1.8	2.4	1.8	2.3	2.2	2.6	2.3	1.8	2.1
	Bandar	3.2	2.2	2.8	2.4	1.5	1.9	1.6	1.8	1.8	2.3	1.8	2.4	2.1	2.6	2.3	1.8	2.1
	Narayanganj Sa	3.2	2.2	2.8	2.4	1.5	1.9	1.6	1.8	1.8	2.3	1.8	2.4	2.1	2.6	2.2	1.8	2.1
	Rupganj	3.2	2.2	2.8	2.4	1.6	1.9	1.6	1.8	1.8	2.4	1.8	2.4	2.2	2.6	2.3	1.8	2.1
	Sonargaon	3.2	2.2	2.8	2.4	1.5	1.9	1.6	1.8	1.8	2.3	1.8	2.4	2.1	2.6	2.3	1.8	2.1
Narsingdi	Belabo	3.2	2.3	2.9	2.4	1.7	1.9	1.6	1.9	1.8	2.4	1.8	2.3	2.2	2.6	2.3	1.8	2.1
	Manohardi	3.2	2.3	2.9	2.5	1.7	1.9	1.6	1.9	1.8	2.4	1.8	2.4	2.2	2.6	2.3	1.8	2.1
	Narsingdi Sada	3.2	2.3	2.9	2.4	1.6	1.9	1.6	1.8	1.8	2.4	1.8	2.3	2.2	2.6	2.3	1.8	2.1
	Palash	3.2	2.3	2.9	2.4	1.6	1.9	1.6	1.8	1.8	2.4	1.8	2.4	2.2	2.6	2.3	1.8	2.1
	Roypura	3.2	2.3	2.9	2.4	1.6	1.9	1.6	1.8	1.8	2.4	1.8	2.3	2.2	2.6	2.3	1.8	2.1
	Shibpur	3.2	2.3	2.9	2.4	1.6	1.9	1.6	1.9	1.8	2.4	1.8	2.3	2.2	2.6	2.3	1.8	2.1
Natore	Bagati Para	3.1	2.2	2.8	2.6	1.8	2.0	1.8	1.9	1.9	2.4	1.9	2.7	2.2	2.7	2.4	1.9	2.1
	Baraigram	3.1	2.2	2.8	2.5	1.7	2.0	1.8	1.9	1.9	2.4	1.9	2.7	2.2	2.7	2.4	1.9	2.1
	Gurudaspur	3.1	2.2	2.8	2.5	1.7	2.0	1.8	1.9	1.9	2.4	1.9	2.7	2.2	2.7	2.4	1.9	2.1
	Lalpur	3.1	2.2	2.8	2.5	1.7	2.0	1.8	1.8	1.9	2.3	1.9	2.7	2.2	2.7	2.4	1.9	2.1
	Naldanga	3.1	2.2	2.8	2.6	1.8	2.0	1.8	1.9	1.9	2.4	1.9	2.8	2.3	2.7	2.4	1.9	2.2
	Natore Sadar	3.1	2.2	2.8	2.6	1.8	2.0	1.8	1.9	1.9	2.4	1.9	2.7	2.3	2.7	2.4	1.9	2.1
	Singra	3.1	2.2	2.8	2.6	1.8	1.9	1.8	1.9	1.9	2.4	1.9	2.8	2.3	2.7	2.4	1.9	2.2
Netrakona	Atpara	3.1	2.2	2.9	2.5	1.7	1.8	1.6	2.0	1.9	2.5	1.9	2.6	2.2	2.6	2.4	1.8	2.2

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	Barhatta	3.1	2.1	2.9	2.5	1.7	1.7	1.7	2.0	1.9	2.6	1.9	2.7	2.2	2.6	2.4	1.8	2.2
	Durgapur	3.0	2.1	2.9	2.6	1.7	1.7	1.7	2.0	1.9	2.6	1.9	2.8	2.2	2.6	2.4	1.8	2.3
	Kalmakanda	3.0	2.1	2.9	2.6	1.7	1.7	1.7	2.0	1.9	2.6	1.9	2.7	2.2	2.6	2.4	1.8	2.2
	Kendua	3.1	2.2	2.9	2.5	1.7	1.8	1.6	2.0	1.9	2.5	1.8	2.6	2.2	2.6	2.4	1.8	2.2
	Khaliajuri	3.1	2.2	2.9	2.5	1.7	1.8	1.6	1.9	1.8	2.5	1.8	2.5	2.2	2.6	2.4	1.8	2.2
	Madan	3.1	2.2	2.9	2.5	1.7	1.8	1.6	1.9	1.8	2.5	1.8	2.5	2.2	2.6	2.4	1.8	2.2
	Mohanganj	3.1	2.1	2.9	2.5	1.7	1.8	1.6	2.0	1.8	2.5	1.9	2.6	2.2	2.6	2.4	1.8	2.2
	Netrokona Sada	3.1	2.1	2.9	2.6	1.7	1.8	1.7	2.0	1.9	2.6	1.9	2.7	2.2	2.6	2.4	1.8	2.2
	Purbadhala	3.1	2.1	2.9	2.6	1.7	1.8	1.7	2.0	1.9	2.6	1.9	2.7	2.2	2.6	2.4	1.8	2.2
Nilphamari	Dimla	2.5	1.9	2.6	2.3	2.3	1.9	1.9	2.2	2.0	2.7	2.1	3.2	2.3	2.6	2.4	2.0	2.4
	Domar	2.5	1.9	2.6	2.3	2.3	1.9	1.9	2.2	2.0	2.7	2.1	3.3	2.3	2.6	2.4	2.0	2.4
	Jaldhaka	2.6	2.0	2.6	2.4	2.2	1.9	1.9	2.2	2.0	2.7	2.1	3.2	2.3	2.6	2.4	2.0	2.4
	Kishoreganj	2.6	2.0	2.7	2.4	2.2	1.8	1.9	2.2	2.0	2.7	2.1	3.2	2.3	2.6	2.4	2.0	2.4
	Nilphamari Sada	2.6	2.0	2.6	2.4	2.2	1.9	1.9	2.2	2.0	2.7	2.1	3.2	2.3	2.6	2.4	2.0	2.4
	Saidpur	2.7	2.0	2.7	2.5	2.1	1.8	1.9	2.1	2.0	2.7	2.0	3.2	2.3	2.6	2.4	2.0	2.4
Noakhali	Begumganj	3.0	2.1	2.7	2.2	1.6	1.6	1.5	1.7	1.6	2.3	1.8	2.2	2.0	2.4	2.1	1.6	2.0
	Chatkhil	3.0	2.1	2.7	2.2	1.6	1.7	1.6	1.7	1.6	2.3	1.8	2.3	2.0	2.5	2.2	1.6	2.0
	Companiganj	2.9	2.1	2.6	2.1	1.6	1.6	1.5	1.7	1.6	2.2	1.7	2.1	2.0	2.4	2.1	1.6	2.0
	Hatiya	2.6	1.9	2.4	1.9	1.5	1.5	1.5	1.6	1.5	2.2	1.7	2.0	1.9	2.2	1.9	1.5	1.9
	Kabirhat	3.0	2.1	2.6	2.1	1.5	1.6	1.5	1.7	1.6	2.2	1.7	2.1	2.0	2.4	2.1	1.6	2.0
	Noakhali Sadar	2.9	2.1	2.6	2.1	1.5	1.6	1.5	1.7	1.6	2.2	1.8	2.2	2.0	2.4	2.1	1.6	2.0
	Senbagh	3.1	2.2	2.7	2.2	1.6	1.7	1.5	1.7	1.6	2.3	1.8	2.2	2.0	2.5	2.2	1.6	2.0
	Sonaimuri	3.1	2.1	2.7	2.2	1.6	1.7	1.5	1.7	1.6	2.3	1.8	2.2	2.0	2.5	2.2	1.6	2.0
	Subarnachar	2.8	2.0	2.6	2.0	1.5	1.5	1.5	1.7	1.5	2.2	1.7	2.1	1.9	2.3	2.0	1.6	2.0
Pabna	Atgharia	3.2	2.2	2.8	2.5	1.7	2.0	1.8	1.8	1.9	2.3	1.9	2.6	2.2	2.7	2.3	1.9	2.1
	Bera	3.2	2.2	2.8	2.5	1.6	2.0	1.7	1.8	1.9	2.3	1.9	2.5	2.2	2.6	2.3	1.8	2.1
	Bhangura	3.1	2.2	2.8	2.5	1.7	2.0	1.8	1.9	1.9	2.4	1.9	2.6	2.2	2.7	2.4	1.9	2.1
	Chatmohar	3.1	2.2	2.8	2.5	1.7	2.0	1.8	1.9	1.9	2.4	1.9	2.6	2.2	2.7	2.4	1.9	2.1
	Faridpur	3.2	2.2	2.8	2.5	1.7	2.0	1.8	1.9	1.9	2.4	1.9	2.6	2.2	2.7	2.3	1.9	2.1
	Ishwardi	3.1	2.2	2.8	2.5	1.7	2.0	1.8	1.8	1.9	2.3	1.9	2.6	2.2	2.7	2.3	1.9	2.1
	Pabna Sadar	3.2	2.2	2.8	2.5	1.7	2.0	1.8	1.8	1.9	2.3	1.9	2.6	2.2	2.7	2.3	1.9	2.1
	Santhia	3.2	2.2	2.8	2.5	1.6	2.0	1.7	1.9	1.9	2.3	1.9	2.5	2.2	2.6	2.3	1.9	2.1
	Sujanagar	3.2	2.2	2.8	2.5	1.6	2.0	1.7	1.8	1.9	2.3	1.9	2.5	2.2	2.6	2.3	1.8	2.1
Panchagarh	Atwari	2.5	1.9	2.5	2.3	2.3	2.0	2.0	2.2	2.0	2.7	2.2	3.3	2.3	2.6	2.4	2.1	2.4
	Boda	2.5	1.9	2.6	2.3	2.3	2.0	2.0	2.2	2.0	2.7	2.2	3.3	2.3	2.6	2.4	2.0	2.4
	Debiganj	2.5	2.0	2.6	2.3	2.3	1.9	1.9	2.2	2.0	2.7	2.1	3.3	2.3	2.6	2.4	2.0	2.4
	Panchagarh Sad	2.4	1.9	2.5	2.2	2.4	2.0	2.0	2.2	2.0	2.7	2.2	3.3	2.3	2.5	2.4	2.1	2.4
	Tentulia	2.3	1.9	2.5	2.2	2.4	2.1	2.0	2.2	2.0	2.7	2.2	3.4	2.3	2.5	2.3	2.1	2.4

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Patuakhali	Bauphal	2.6	1.9	2.4	2.0	1.5	1.5	1.6	1.7	1.6	2.2	1.8	2.2	1.9	2.2	2.0	1.6	2.0
	Dashmina	2.5	1.8	2.4	1.9	1.5	1.5	1.6	1.6	1.6	2.1	1.8	2.1	1.9	2.1	1.9	1.6	1.9
	Dumki	2.6	1.8	2.4	2.0	1.5	1.6	1.6	1.7	1.6	2.2	1.8	2.2	1.9	2.2	2.0	1.6	2.0
	Galachipa	2.4	1.7	2.3	1.9	1.5	1.5	1.6	1.6	1.6	2.1	1.8	2.1	1.8	2.1	1.9	1.6	1.9
	Kala Para	2.2	1.6	2.3	1.8	1.5	1.5	1.6	1.6	1.5	2.1	1.8	2.1	1.8	2.0	1.9	1.6	1.9
	Mirzaganj	2.5	1.8	2.4	2.0	1.5	1.6	1.6	1.7	1.6	2.2	1.8	2.2	1.9	2.2	1.9	1.6	2.0
	Patuakhali Sadar	2.5	1.8	2.4	2.0	1.5	1.6	1.6	1.7	1.6	2.1	1.8	2.2	1.9	2.2	1.9	1.6	2.0
	Rangabali	2.2	1.7	2.3	1.8	1.5	1.5	1.6	1.6	1.5	2.1	1.7	2.0	1.8	2.0	1.8	1.6	1.9
Pirojpur	Bhandaria	2.5	1.8	2.4	2.1	1.5	1.6	1.6	1.7	1.6	2.2	1.9	2.3	1.9	2.2	2.0	1.6	2.0
	Zianagar	2.5	1.8	2.4	2.1	1.5	1.6	1.6	1.7	1.6	2.2	1.9	2.3	1.9	2.2	2.0	1.7	2.0
	Kawkhali	2.6	1.9	2.5	2.1	1.4	1.6	1.6	1.7	1.6	2.2	1.9	2.3	2.0	2.3	2.0	1.7	2.0
	Mathbaria	2.4	1.7	2.4	2.0	1.5	1.6	1.6	1.7	1.6	2.1	1.9	2.2	1.9	2.1	2.0	1.6	2.0
	Nazirpur	2.8	1.9	2.5	2.2	1.4	1.6	1.7	1.7	1.7	2.2	1.9	2.4	2.0	2.4	2.0	1.7	2.1
	Nesarabad	2.7	1.9	2.5	2.2	1.4	1.6	1.6	1.7	1.7	2.2	1.9	2.4	2.0	2.3	2.0	1.7	2.1
	Pirojpur Sadar	2.6	1.9	2.5	2.1	1.5	1.6	1.6	1.7	1.7	2.2	1.9	2.3	2.0	2.3	2.0	1.7	2.1
Rajbari	Balia Kandi	3.1	2.2	2.8	2.5	1.5	2.0	1.7	1.8	1.8	2.3	1.9	2.5	2.2	2.6	2.3	1.8	2.1
	Goalandaghat	3.2	2.2	2.8	2.5	1.5	1.9	1.7	1.8	1.8	2.3	1.9	2.5	2.2	2.6	2.3	1.8	2.1
	Kalukhali	3.1	2.2	2.8	2.5	1.6	2.0	1.7	1.8	1.8	2.3	1.9	2.5	2.2	2.6	2.3	1.8	2.1
	Pangsha	3.2	2.2	2.8	2.5	1.6	2.0	1.7	1.8	1.8	2.3	1.9	2.5	2.2	2.6	2.3	1.8	2.1
	Rajbari Sadar	3.2	2.2	2.8	2.5	1.5	2.0	1.7	1.8	1.8	2.3	1.9	2.5	2.2	2.6	2.3	1.8	2.1
Rajshahi	Bagha	3.1	2.2	2.8	2.5	1.8	2.0	1.8	1.8	1.9	2.3	1.9	2.7	2.2	2.7	2.4	1.9	2.1
	Baghmara	3.1	2.2	2.8	2.6	1.8	2.0	1.9	1.9	1.9	2.4	1.9	2.8	2.3	2.7	2.4	1.9	2.2
	Charghat	3.1	2.2	2.8	2.6	1.8	2.0	1.8	1.8	1.9	2.3	1.9	2.7	2.3	2.7	2.4	1.9	2.1
	Durgapur	3.1	2.2	2.8	2.6	1.8	2.0	1.8	1.9	1.9	2.4	1.9	2.8	2.3	2.7	2.4	1.9	2.2
	Godagari	3.0	2.2	2.8	2.6	1.8	2.1	1.9	1.9	1.9	2.4	1.9	2.9	2.3	2.7	2.4	1.9	2.1
	Mohanpur	3.1	2.2	2.8	2.6	1.8	2.0	1.9	1.9	1.9	2.4	1.9	2.9	2.3	2.7	2.4	1.9	2.2
	Paba	3.1	2.2	2.8	2.6	1.8	2.1	1.9	1.9	1.9	2.4	1.9	2.8	2.3	2.7	2.4	1.9	2.1
	Puthia	3.1	2.2	2.8	2.6	1.8	2.0	1.8	1.9	1.9	2.4	1.9	2.8	2.3	2.7	2.4	1.9	2.1
	Tanore	3.0	2.2	2.8	2.6	1.9	2.0	1.9	1.9	1.9	2.4	1.9	2.9	2.3	2.7	2.4	1.9	2.2
Rangamati	Baghai Chhari	3.2	2.3	2.9	2.2	1.7	1.7	1.5	1.7	1.6	2.4	1.7	2.0	2.1	2.5	2.3	1.6	2.0
	Barkal	3.1	2.3	2.7	2.1	1.7	1.5	1.4	1.6	1.5	2.2	1.6	1.8	2.0	2.4	2.2	1.5	1.9
	Belai Chhari	2.7	2.2	2.5	1.8	1.6	1.3	1.4	1.5	1.4	2.1	1.5	1.7	1.8	2.2	2.0	1.4	1.8
	Jurai Chhari	2.9	2.3	2.6	2.0	1.7	1.4	1.4	1.5	1.4	2.2	1.6	1.7	1.9	2.3	2.1	1.5	1.9
	Kaptai	2.9	2.2	2.6	1.9	1.6	1.4	1.4	1.6	1.5	2.2	1.6	1.8	1.9	2.3	2.0	1.5	1.9
	Kawkhali (Betb)	2.9	2.2	2.6	2.0	1.6	1.5	1.5	1.6	1.5	2.2	1.6	1.8	1.9	2.3	2.1	1.5	1.9
	Langadu	3.1	2.3	2.8	2.1	1.7	1.6	1.5	1.6	1.5	2.3	1.6	1.9	2.0	2.4	2.2	1.5	2.0
	Naniarchar	3.1	2.3	2.7	2.1	1.7	1.6	1.5	1.6	1.5	2.2	1.6	1.9	2.0	2.4	2.2	1.5	1.9
	Rajasthali	2.8	2.2	2.5	1.9	1.6	1.4	1.4	1.5	1.4	2.1	1.6	1.7	1.9	2.2	2.0	1.5	1.9

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	Rangamati Sada	3.0	2.3	2.7	2.0	1.7	1.5	1.4	1.6	1.5	2.2	1.6	1.8	1.9	2.4	2.1	1.5	1.9
Rangpur	Badarganj	2.8	2.0	2.7	2.5	2.1	1.8	1.9	2.1	2.0	2.7	2.0	3.2	2.3	2.7	2.4	1.9	2.3
	Gangachara	2.7	2.0	2.7	2.5	2.1	1.8	1.9	2.2	2.0	2.7	2.1	3.2	2.3	2.6	2.4	2.0	2.4
	Kaunia	2.7	2.0	2.7	2.5	2.1	1.8	1.9	2.2	2.0	2.7	2.0	3.1	2.3	2.6	2.4	1.9	2.3
	Mitha Pukur	2.8	2.0	2.7	2.6	2.0	1.7	1.9	2.1	2.0	2.7	2.0	3.1	2.3	2.7	2.4	1.9	2.3
	Pirgachha	2.8	2.0	2.7	2.5	2.0	1.7	1.9	2.1	2.0	2.7	2.0	3.1	2.3	2.6	2.4	1.9	2.3
	Pirganj	2.9	2.1	2.8	2.6	1.9	1.7	1.9	2.1	2.0	2.7	2.0	3.1	2.3	2.7	2.4	1.9	2.3
	Rangpur Sadar	2.7	2.0	2.7	2.5	2.1	1.8	1.9	2.1	2.0	2.7	2.0	3.2	2.3	2.6	2.4	2.0	2.4
	Taraganj	2.7	2.0	2.7	2.5	2.1	1.8	1.9	2.1	2.0	2.7	2.0	3.2	2.3	2.6	2.4	2.0	2.4
Satkhira	Assasuni	2.7	1.9	2.5	2.2	1.6	1.9	1.7	1.7	1.7	2.2	2.0	2.4	2.0	2.3	2.1	1.8	2.1
	Debhata	2.7	2.0	2.6	2.3	1.6	1.9	1.8	1.7	1.7	2.2	2.1	2.5	2.1	2.4	2.1	1.8	2.1
	Kalaroa	2.9	2.0	2.6	2.4	1.6	2.0	1.8	1.7	1.8	2.2	2.1	2.6	2.1	2.5	2.2	1.8	2.2
	Kaliganj	2.6	1.9	2.5	2.2	1.6	1.9	1.7	1.7	1.7	2.2	2.1	2.4	2.1	2.3	2.1	1.8	2.1
	Satkhira Sadar	2.8	2.0	2.6	2.3	1.6	1.9	1.8	1.7	1.8	2.2	2.1	2.5	2.1	2.4	2.2	1.8	2.1
	Shyamnagar	2.3	1.8	2.4	2.1	1.6	1.9	1.7	1.6	1.7	2.1	2.0	2.3	1.9	2.1	2.0	1.7	2.0
	Tala	2.8	2.0	2.6	2.3	1.6	1.9	1.8	1.7	1.7	2.2	2.1	2.5	2.1	2.4	2.1	1.8	2.1
Shariatpur	Bhedarganj	3.1	2.1	2.7	2.3	1.5	1.8	1.6	1.8	1.7	2.3	1.9	2.4	2.1	2.5	2.2	1.7	2.1
	Damudya	3.0	2.1	2.7	2.3	1.5	1.7	1.6	1.8	1.7	2.3	1.9	2.4	2.1	2.5	2.1	1.7	2.1
	Gosairhat	3.0	2.1	2.6	2.3	1.5	1.7	1.6	1.7	1.7	2.3	1.9	2.4	2.1	2.5	2.1	1.7	2.1
	Naria	3.1	2.1	2.7	2.3	1.5	1.8	1.6	1.8	1.7	2.3	1.9	2.4	2.1	2.5	2.2	1.7	2.1
	Shariatpur Sadar	3.0	2.1	2.7	2.3	1.5	1.8	1.6	1.8	1.7	2.3	1.9	2.4	2.1	2.5	2.2	1.7	2.1
	Zanjira	3.1	2.1	2.7	2.4	1.5	1.8	1.7	1.8	1.8	2.3	1.9	2.4	2.1	2.6	2.2	1.7	2.1
Sherpur	Jhenaigati	3.0	2.1	2.9	2.6	1.8	1.7	1.8	2.1	2.0	2.6	1.9	2.9	2.3	2.6	2.4	1.9	2.3
	Nakla	3.0	2.1	2.9	2.6	1.7	1.8	1.8	2.1	2.0	2.6	1.9	2.8	2.3	2.6	2.4	1.9	2.2
	Nalitabari	3.0	2.1	2.9	2.6	1.7	1.7	1.8	2.1	2.0	2.6	1.9	2.9	2.3	2.6	2.4	1.9	2.3
	Sherpur Sadar	3.0	2.1	2.9	2.6	1.7	1.8	1.8	2.1	2.0	2.6	1.9	2.8	2.3	2.6	2.4	1.9	2.3
	Sreebardi	3.0	2.1	2.9	2.6	1.8	1.7	1.8	2.1	2.0	2.6	1.9	2.9	2.3	2.7	2.4	1.9	2.3
Sirajganj	Belkuchi	3.1	2.2	2.8	2.5	1.7	1.9	1.7	1.9	1.9	2.4	1.9	2.6	2.2	2.6	2.3	1.9	2.1
	Chauhali	3.2	2.3	2.8	2.5	1.6	1.9	1.7	1.9	1.9	2.4	1.8	2.5	2.2	2.6	2.3	1.9	2.1
	Kamarkhanda	3.1	2.2	2.8	2.5	1.7	1.9	1.8	1.9	1.9	2.4	1.9	2.6	2.2	2.7	2.4	1.9	2.1
	Kazipur	3.1	2.2	2.8	2.6	1.7	1.8	1.8	2.0	1.9	2.5	1.9	2.7	2.3	2.7	2.4	1.9	2.2
	Royganj	3.1	2.2	2.8	2.5	1.7	1.9	1.8	1.9	1.9	2.5	1.9	2.7	2.2	2.7	2.4	1.9	2.2
	Shahjadpur	3.2	2.2	2.8	2.5	1.6	1.9	1.7	1.9	1.9	2.4	1.8	2.5	2.2	2.6	2.3	1.9	2.1
	Sirajganj Sadar	3.1	2.2	2.8	2.5	1.7	1.9	1.8	2.0	1.9	2.5	1.9	2.7	2.2	2.7	2.4	1.9	2.2
	Tarash	3.1	2.2	2.8	2.5	1.7	1.9	1.8	1.9	1.9	2.4	1.9	2.7	2.2	2.7	2.4	1.9	2.2
	Ullah Para	3.1	2.2	2.8	2.5	1.7	1.9	1.8	1.9	1.9	2.4	1.9	2.6	2.2	2.7	2.4	1.9	2.1
Sunamganj	Bishwambarpur	3.1	2.1	2.9	2.6	1.8	1.7	1.6	2.0	1.8	2.6	1.9	2.6	2.2	2.6	2.4	1.8	2.2
	Chhatak	3.1	2.1	2.9	2.5	1.7	1.7	1.6	1.9	1.8	2.6	1.9	2.5	2.2	2.6	2.4	1.7	2.2

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	Derai	3.1	2.2	2.9	2.5	1.7	1.8	1.6	1.9	1.8	2.5	1.8	2.5	2.2	2.6	2.4	1.8	2.2
	Dharampasha	3.1	2.1	2.9	2.6	1.7	1.7	1.6	2.0	1.8	2.6	1.9	2.7	2.2	2.6	2.4	1.8	2.2
	Dowarabazar	3.0	2.1	2.9	2.5	1.8	1.7	1.6	1.9	1.8	2.6	1.9	2.6	2.2	2.6	2.4	1.7	2.2
	Jagannathpur	3.1	2.2	2.9	2.5	1.7	1.8	1.6	1.9	1.8	2.5	1.8	2.5	2.2	2.6	2.4	1.7	2.2
	Jamalganj	3.1	2.1	2.9	2.5	1.7	1.7	1.6	1.9	1.8	2.6	1.9	2.6	2.2	2.6	2.4	1.8	2.2
	Dak. Sunamganj	3.1	2.1	2.9	2.5	1.7	1.7	1.6	1.9	1.8	2.6	1.9	2.6	2.2	2.6	2.4	1.8	2.2
	Sulla	3.1	2.2	2.9	2.5	1.7	1.8	1.6	1.9	1.8	2.5	1.8	2.5	2.2	2.6	2.4	1.8	2.2
	Sunamganj Sada	3.1	2.1	2.9	2.5	1.8	1.7	1.6	1.9	1.8	2.6	1.9	2.6	2.2	2.6	2.4	1.8	2.2
	Tahirpur	3.0	2.1	2.9	2.6	1.8	1.7	1.6	2.0	1.8	2.6	1.9	2.7	2.2	2.6	2.4	1.8	2.2
Sylhet	Balaganj	3.1	2.2	2.9	2.5	1.7	1.8	1.5	1.8	1.7	2.5	1.8	2.4	2.2	2.6	2.4	1.7	2.2
	Beani Bazar	3.0	2.1	2.9	2.4	1.7	1.7	1.5	1.8	1.7	2.6	1.8	2.4	2.2	2.5	2.4	1.7	2.2
	Bishwanath	3.1	2.1	2.9	2.5	1.7	1.7	1.5	1.9	1.7	2.6	1.8	2.5	2.2	2.6	2.4	1.7	2.2
	Companiganj	3.0	2.1	2.9	2.5	1.7	1.7	1.5	1.9	1.7	2.6	1.9	2.5	2.2	2.6	2.4	1.7	2.2
	Dakshin Surma	3.1	2.1	2.9	2.5	1.7	1.7	1.5	1.8	1.7	2.6	1.8	2.4	2.2	2.5	2.4	1.7	2.2
	Fenchuganj	3.1	2.2	2.9	2.4	1.7	1.8	1.5	1.8	1.7	2.5	1.8	2.3	2.2	2.5	2.4	1.7	2.2
	Jaintiapur	3.0	2.1	2.9	2.5	1.7	1.7	1.5	1.8	1.7	2.6	1.9	2.5	2.2	2.5	2.4	1.7	2.2
	Golabganj	3.1	2.1	2.9	2.4	1.7	1.7	1.5	1.8	1.7	2.6	1.8	2.4	2.2	2.5	2.4	1.7	2.2
	Gowainghat	3.0	2.1	2.9	2.5	1.7	1.7	1.5	1.9	1.7	2.6	1.9	2.5	2.2	2.5	2.4	1.7	2.2
	Kanaighat	3.0	2.1	2.9	2.4	1.7	1.7	1.6	1.8	1.7	2.6	1.8	2.4	2.2	2.5	2.4	1.7	2.2
	Sylhet Sadar	3.1	2.1	2.9	2.5	1.7	1.7	1.5	1.9	1.7	2.6	1.8	2.5	2.2	2.5	2.4	1.7	2.2
	Zakiganj	3.0	2.1	2.9	2.4	1.7	1.7	1.6	1.8	1.7	2.6	1.8	2.3	2.1	2.5	2.4	1.7	2.2
Tangail	Basail	3.2	2.2	2.9	2.5	1.6	1.9	1.7	1.9	1.9	2.4	1.8	2.5	2.2	2.6	2.3	1.9	2.1
	Bhuapur	3.1	2.2	2.8	2.5	1.7	1.9	1.8	2.0	1.9	2.5	1.9	2.6	2.2	2.6	2.4	1.9	2.2
	Delduar	3.2	2.3	2.8	2.5	1.6	1.9	1.7	1.9	1.9	2.4	1.8	2.5	2.2	2.6	2.3	1.9	2.1
	Dhanbari	3.1	2.2	2.8	2.6	1.7	1.8	1.8	2.0	1.9	2.5	1.9	2.7	2.2	2.6	2.4	1.9	2.2
	Ghatail	3.1	2.2	2.9	2.5	1.7	1.8	1.7	2.0	1.9	2.5	1.9	2.6	2.2	2.6	2.3	1.9	2.2
	Gopalpur	3.1	2.2	2.8	2.5	1.7	1.8	1.8	2.0	1.9	2.5	1.9	2.7	2.2	2.6	2.4	1.9	2.2
	Kalihati	3.1	2.2	2.8	2.5	1.6	1.9	1.7	1.9	1.9	2.4	1.9	2.6	2.2	2.6	2.3	1.9	2.1
	Mirzapur	3.2	2.3	2.9	2.5	1.6	1.9	1.7	1.9	1.9	2.4	1.8	2.4	2.2	2.6	2.3	1.8	2.1
	Madhupur	3.1	2.2	2.9	2.6	1.7	1.8	1.7	2.0	1.9	2.5	1.9	2.7	2.2	2.6	2.4	1.9	2.2
	Nagarpur	3.2	2.2	2.8	2.5	1.6	1.9	1.7	1.9	1.9	2.4	1.8	2.5	2.2	2.6	2.3	1.8	2.1
	Sakhipur	3.2	2.2	2.9	2.5	1.6	1.9	1.7	1.9	1.9	2.4	1.8	2.5	2.2	2.6	2.3	1.8	2.1
	Tangail Sadar	3.2	2.2	2.8	2.5	1.6	1.9	1.7	1.9	1.9	2.4	1.8	2.5	2.2	2.6	2.3	1.9	2.1
Thakurgaon	Baliadangi	2.5	2.0	2.5	2.3	2.3	2.0	2.0	2.2	2.0	2.7	2.1	3.3	2.3	2.6	2.4	2.0	2.4
	Haripur	2.6	2.0	2.6	2.4	2.2	2.0	2.0	2.1	2.0	2.7	2.1	3.3	2.3	2.7	2.4	2.0	2.4
	Pirganj	2.7	2.0	2.6	2.4	2.2	1.9	2.0	2.1	2.0	2.7	2.1	3.3	2.3	2.7	2.4	2.0	2.4
	Ranisankail	2.6	2.0	2.6	2.4	2.2	2.0	2.0	2.1	2.0	2.7	2.1	3.3	2.3	2.6	2.4	2.0	2.4
	Thakurgaon Sada	2.5	2.0	2.6	2.3	2.3	2.0	2.0	2.2	2.0	2.7	2.1	3.3	2.3	2.6	2.4	2.0	2.4

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Table 6.4: Projected maximum temperature change for 487 upazilas in Bangladesh under RCP4.5 scenarios for the year 2090.

Dist. Name	Upz. Name	Jan(°C)	Feb(°C)	Mar(°C)	Apr(°C)	May(°C)	Jun(°C)	Jul(°C)	Aug(°C)	Sep(°C)	Oct(°C)	Nov(°C)	Dec(°C)	Ann(°C)	Winter	Pre-mon	Mon	Post-mon
Bagerhat	Bagerhat Sadar	1.4	1.1	2.5	2.2	1.6	1.2	1.7	1.7	2.3	2.1	1.2	1.8	1.7	1.4	2.1	1.7	1.7
	Chitalmari	1.4	1.1	2.6	2.2	1.6	1.2	1.7	1.7	2.4	2.1	1.2	1.8	1.7	1.4	2.1	1.7	1.7
	Fakirhat	1.4	1.1	2.6	2.2	1.6	1.2	1.7	1.7	2.3	2.1	1.3	1.9	1.7	1.5	2.1	1.7	1.7
	Kachua	1.4	1.1	2.5	2.2	1.5	1.2	1.6	1.6	2.3	2.1	1.2	1.8	1.7	1.4	2.1	1.7	1.7
	Mongla	1.3	1.1	2.3	2.1	1.4	1.0	1.5	1.5	2.0	1.9	1.2	1.8	1.6	1.4	1.9	1.5	1.6
	Mollahat	1.4	1.1	2.6	2.3	1.6	1.2	1.7	1.7	2.4	2.1	1.2	1.9	1.8	1.4	2.2	1.8	1.7
	Morrelganj	1.3	1.1	2.4	2.1	1.5	1.1	1.6	1.6	2.2	2.0	1.2	1.8	1.7	1.4	2.0	1.6	1.6
	Rampal	1.4	1.1	2.5	2.2	1.6	1.1	1.6	1.6	2.2	2.1	1.3	1.9	1.7	1.4	2.1	1.7	1.7
	Sarankhola	1.3	1.1	2.2	2.1	1.3	0.9	1.5	1.5	2.0	2.0	1.2	1.7	1.6	1.4	1.9	1.5	1.6
Bandarban	Alikadam	1.2	1.0	2.2	2.2	1.5	1.5	1.5	1.4	2.0	1.6	1.0	1.1	1.5	1.1	2.0	1.6	1.3
	Bandarban Sad	1.2	0.8	2.2	2.3	1.5	1.6	1.6	1.5	2.1	1.7	1.0	1.2	1.6	1.0	2.0	1.7	1.4
	Lama	1.2	0.9	2.2	2.2	1.5	1.5	1.5	1.4	2.0	1.7	1.0	1.1	1.5	1.1	2.0	1.6	1.4
	Naikhongchhar	1.2	1.0	2.2	2.2	1.6	1.5	1.5	1.3	2.0	1.7	1.0	1.1	1.5	1.1	2.0	1.6	1.3
	Rowangchhari	1.2	0.8	2.3	2.3	1.5	1.6	1.6	1.5	2.1	1.7	1.0	1.2	1.6	1.0	2.0	1.7	1.4
	Ruma	1.2	0.8	2.3	2.3	1.5	1.6	1.6	1.5	2.1	1.7	1.0	1.1	1.5	1.1	2.0	1.7	1.3
	Thanchi	1.2	1.0	2.2	2.2	1.5	1.6	1.5	1.4	2.0	1.6	1.0	1.1	1.5	1.1	2.0	1.6	1.3
Barguna	Amtali	1.3	1.0	2.3	2.1	1.4	1.0	1.5	1.5	2.0	2.0	1.2	1.7	1.6	1.3	1.9	1.5	1.6
	Bamna	1.3	1.0	2.3	2.1	1.4	1.0	1.5	1.6	2.1	2.0	1.2	1.7	1.6	1.4	2.0	1.6	1.6
	Barguna Sadar	1.3	1.0	2.2	2.1	1.4	1.0	1.5	1.5	2.0	2.0	1.2	1.7	1.6	1.3	1.9	1.5	1.6
	Betagi	1.3	1.0	2.4	2.1	1.4	1.1	1.6	1.6	2.1	2.0	1.2	1.7	1.6	1.3	2.0	1.6	1.6
	Patharghata	1.3	1.0	2.2	2.1	1.4	1.0	1.5	1.5	2.0	2.0	1.2	1.7	1.6	1.3	1.9	1.5	1.6
	Taltoli	1.3	1.0	2.2	2.1	1.3	0.9	1.5	1.5	1.9	2.0	1.2	1.7	1.5	1.3	1.9	1.5	1.6
Barisal	Agailjhara	1.3	1.0	2.6	2.3	1.6	1.3	1.7	1.7	2.4	2.1	1.2	1.8	1.8	1.4	2.2	1.8	1.7
	Babuganj	1.3	1.0	2.6	2.2	1.6	1.3	1.7	1.7	2.3	2.1	1.2	1.7	1.7	1.3	2.1	1.7	1.6
	Bakerganj	1.3	1.0	2.4	2.2	1.5	1.2	1.6	1.6	2.2	2.0	1.2	1.7	1.7	1.3	2.1	1.7	1.6
	Banari Para	1.3	1.0	2.6	2.2	1.6	1.2	1.7	1.7	2.4	2.1	1.2	1.8	1.7	1.4	2.1	1.7	1.7
	Barisal Sadar	1.3	1.0	2.5	2.2	1.6	1.3	1.6	1.6	2.3	2.1	1.2	1.7	1.7	1.3	2.1	1.7	1.6
	Gaurnadi	1.3	1.0	2.6	2.3	1.6	1.3	1.7	1.7	2.4	2.1	1.2	1.8	1.8	1.4	2.2	1.8	1.7
	Hizla	1.3	0.9	2.6	2.3	1.6	1.4	1.7	1.7	2.4	2.1	1.2	1.7	1.7	1.3	2.2	1.8	1.6
	Mehendiganj	1.3	0.9	2.5	2.3	1.6	1.3	1.7	1.7	2.3	2.1	1.2	1.7	1.7	1.3	2.1	1.7	1.6
	Muladi	1.3	1.0	2.6	2.3	1.6	1.3	1.7	1.7	2.4	2.1	1.2	1.7	1.7	1.3	2.2	1.8	1.6
	Wazirpur	1.3	1.0	2.6	2.2	1.6	1.3	1.7	1.7	2.4	2.1	1.2	1.8	1.7	1.4	2.1	1.8	1.7
Bhola	Bhola Sadar	1.3	0.9	2.5	2.3	1.6	1.3	1.6	1.6	2.3	2.0	1.2	1.6	1.7	1.3	2.1	1.7	1.6
	Burhanuddin	1.3	0.9	2.4	2.2	1.6	1.3	1.6	1.6	2.2	2.0	1.2	1.6	1.6	1.3	2.1	1.7	1.6
	Char Fasson	1.2	1.0	2.2	2.2	1.5	1.1	1.5	1.5	2.0	1.9	1.1	1.5	1.6	1.2	2.0	1.5	1.5

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	Daulatkhan	1.3	0.9	2.4	2.3	1.6	1.3	1.6	1.6	2.3	2.0	1.2	1.6	1.7	1.3	2.1	1.7	1.6
	Lalmohan	1.3	0.9	2.3	2.2	1.6	1.2	1.5	1.5	2.1	2.0	1.2	1.5	1.6	1.2	2.0	1.6	1.6
	Manpura	1.2	0.9	2.3	2.2	1.6	1.3	1.5	1.5	2.1	1.9	1.1	1.5	1.6	1.2	2.0	1.6	1.5
	Tazumuddin	1.2	0.9	2.3	2.2	1.6	1.3	1.6	1.6	2.2	2.0	1.2	1.5	1.6	1.2	2.1	1.7	1.6
Bogra	Adamdighi	1.6	1.2	3.1	2.7	2.2	2.0	1.9	2.2	2.8	2.6	1.8	2.1	2.2	1.6	2.7	2.2	2.2
	Bogra Sadar	1.5	1.2	3.1	2.7	2.1	2.1	1.9	2.2	2.8	2.7	1.8	2.1	2.2	1.6	2.6	2.2	2.2
	Dhunat	1.5	1.1	3.0	2.6	2.0	2.0	1.9	2.2	2.7	2.6	1.7	2.0	2.1	1.5	2.5	2.2	2.1
	Dhupchanchia	1.6	1.2	3.1	2.7	2.2	2.1	1.9	2.2	2.8	2.7	1.8	2.1	2.2	1.6	2.7	2.2	2.3
	Gabtali	1.5	1.1	3.1	2.7	2.1	2.1	1.9	2.2	2.7	2.7	1.8	2.1	2.2	1.6	2.6	2.2	2.2
	Kahaloo	1.5	1.2	3.1	2.7	2.2	2.0	1.9	2.2	2.8	2.6	1.8	2.1	2.2	1.6	2.6	2.2	2.2
	Nandigram	1.5	1.1	3.0	2.7	2.2	2.0	1.9	2.1	2.7	2.6	1.7	2.1	2.1	1.6	2.6	2.2	2.2
	Sariakandi	1.5	1.1	3.0	2.6	2.0	2.0	1.9	2.2	2.7	2.7	1.8	2.0	2.1	1.6	2.6	2.2	2.2
	Shajahanpur	1.5	1.1	3.0	2.7	2.1	2.0	1.9	2.2	2.7	2.6	1.8	2.1	2.1	1.6	2.6	2.2	2.2
	Sherpur	1.5	1.1	3.0	2.6	2.1	1.9	1.9	2.1	2.7	2.6	1.7	2.1	2.1	1.5	2.6	2.2	2.1
	Shibganj	1.6	1.2	3.1	2.7	2.2	2.1	1.9	2.2	2.8	2.7	1.9	2.1	2.2	1.6	2.7	2.3	2.3
	Sonatola	1.5	1.2	3.1	2.7	2.1	2.1	1.9	2.2	2.8	2.7	1.8	2.1	2.2	1.6	2.6	2.2	2.3
Brahaman baria	Akhaura	1.1	0.6	2.6	2.6	1.8	1.7	1.8	1.9	2.5	2.1	1.2	1.5	1.8	1.1	2.3	2.0	1.7
	Ashuganj	1.1	0.7	2.6	2.6	1.8	1.7	1.8	2.0	2.6	2.2	1.3	1.6	1.8	1.1	2.4	2.0	1.8
	Banchharampu	1.2	0.7	2.6	2.6	1.8	1.6	1.8	2.0	2.6	2.2	1.2	1.6	1.8	1.2	2.3	2.0	1.7
	Bijoynagar	1.1	0.6	2.6	2.6	1.9	1.8	1.8	2.0	2.5	2.2	1.3	1.5	1.8	1.1	2.4	2.0	1.7
	Brahmanbaria Sadar	1.1	0.7	2.6	2.6	1.8	1.7	1.8	2.0	2.5	2.2	1.3	1.6	1.8	1.1	2.4	2.0	1.7
	Kasba	1.1	0.7	2.6	2.6	1.8	1.7	1.7	1.9	2.5	2.1	1.2	1.5	1.8	1.1	2.3	2.0	1.7
	Nabinagar	1.1	0.7	2.6	2.6	1.8	1.7	1.8	2.0	2.5	2.2	1.2	1.6	1.8	1.1	2.3	2.0	1.7
	Nasirnagar	1.1	0.6	2.7	2.6	1.9	1.8	1.8	2.0	2.6	2.2	1.3	1.6	1.9	1.1	2.4	2.1	1.8
	Sarail	1.1	0.6	2.6	2.6	1.9	1.8	1.8	2.0	2.6	2.2	1.3	1.6	1.8	1.1	2.4	2.0	1.8
Chapai Nawabganj	Bholahat	1.7	1.2	3.1	2.9	2.6	2.1	1.9	2.1	2.8	2.6	2.0	2.2	2.3	1.7	2.9	2.2	2.3
	Chapai Nawab	1.6	1.2	3.0	2.8	2.5	2.0	1.9	2.1	2.7	2.5	1.8	2.2	2.2	1.6	2.8	2.2	2.1
	Gomastapur	1.7	1.2	3.1	2.8	2.5	2.1	1.9	2.1	2.8	2.6	1.9	2.2	2.3	1.7	2.8	2.2	2.3
	Nachole	1.6	1.2	3.1	2.8	2.5	2.0	1.9	2.1	2.8	2.6	1.9	2.2	2.2	1.7	2.8	2.2	2.2
	Shibganj	1.6	1.2	3.0	2.9	2.6	2.0	1.9	2.1	2.7	2.6	1.9	2.2	2.2	1.7	2.8	2.2	2.2
Chandpur	Chandpur Sadar	1.2	0.9	2.6	2.4	1.7	1.4	1.7	1.8	2.5	2.1	1.2	1.7	1.8	1.3	2.2	1.9	1.6
	Faridganj	1.2	0.9	2.6	2.4	1.7	1.4	1.7	1.8	2.4	2.1	1.2	1.7	1.7	1.3	2.2	1.8	1.6
	Haim Char	1.3	0.9	2.6	2.4	1.6	1.4	1.7	1.7	2.4	2.1	1.2	1.7	1.7	1.3	2.2	1.8	1.6
	Hajiganj	1.2	0.9	2.6	2.5	1.7	1.5	1.7	1.8	2.5	2.1	1.2	1.6	1.8	1.2	2.2	1.9	1.6
	Kachua	1.2	0.8	2.6	2.5	1.7	1.5	1.7	1.8	2.5	2.1	1.2	1.6	1.8	1.2	2.3	1.9	1.6
	Matlab Dakshi	1.2	0.9	2.6	2.5	1.7	1.5	1.7	1.8	2.5	2.1	1.2	1.7	1.8	1.3	2.3	1.9	1.6

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	Matlab Uttar	1.2	0.9	2.6	2.5	1.7	1.5	1.7	1.9	2.5	2.1	1.2	1.7	1.8	1.3	2.3	1.9	1.7
	Shahrasti	1.2	0.8	2.5	2.4	1.7	1.5	1.7	1.8	2.4	2.0	1.2	1.6	1.7	1.2	2.2	1.9	1.6
Chittagon	Anowara	1.2	0.8	2.2	2.3	1.6	1.5	1.6	1.5	2.1	1.8	1.1	1.2	1.6	1.1	2.0	1.7	1.4
	Banshkhali	1.2	0.9	2.2	2.2	1.6	1.5	1.5	1.4	2.1	1.8	1.0	1.2	1.5	1.1	2.0	1.6	1.4
	Boalkhali	1.1	0.8	2.3	2.3	1.6	1.5	1.6	1.5	2.1	1.8	1.0	1.2	1.6	1.0	2.0	1.7	1.4
	Chandanaish	1.2	0.8	2.2	2.3	1.6	1.5	1.6	1.5	2.1	1.8	1.0	1.2	1.6	1.1	2.0	1.7	1.4
	Fatikchhari	1.1	0.7	2.3	2.3	1.6	1.6	1.6	1.6	2.2	1.9	1.1	1.3	1.6	1.1	2.1	1.8	1.5
	Hathazari	1.1	0.7	2.3	2.3	1.6	1.5	1.6	1.6	2.2	1.8	1.1	1.3	1.6	1.1	2.1	1.7	1.5
	Lohagara	1.2	0.9	2.2	2.2	1.5	1.5	1.5	1.4	2.1	1.7	1.0	1.2	1.5	1.1	2.0	1.6	1.4
	Mirsharai	1.2	0.7	2.4	2.3	1.6	1.6	1.6	1.6	2.3	1.9	1.1	1.4	1.6	1.1	2.1	1.8	1.5
	Patiya	1.2	0.8	2.3	2.3	1.6	1.5	1.6	1.5	2.1	1.8	1.0	1.2	1.6	1.1	2.0	1.7	1.4
	Rangunia	1.1	0.7	2.3	2.3	1.6	1.6	1.6	1.5	2.2	1.8	1.0	1.2	1.6	1.0	2.0	1.7	1.4
	Raozan	1.1	0.7	2.3	2.3	1.6	1.6	1.6	1.6	2.2	1.8	1.1	1.2	1.6	1.0	2.1	1.7	1.4
	Sandwip	1.2	0.8	2.3	2.3	1.6	1.5	1.6	1.6	2.2	1.9	1.1	1.4	1.6	1.1	2.1	1.7	1.5
	Satkania	1.2	0.8	2.2	2.3	1.6	1.5	1.5	1.5	2.1	1.8	1.0	1.2	1.6	1.1	2.0	1.7	1.4
	Sitakunda	1.2	0.8	2.2	2.3	1.6	1.5	1.6	1.5	2.1	1.8	1.1	1.2	1.6	1.1	2.0	1.7	1.4
Chuadanga	Alamdanga	1.4	1.1	2.8	2.6	2.1	1.6	1.8	1.9	2.6	2.3	1.4	2.1	2.0	1.5	2.5	2.0	1.8
	Chuadanga Sadar	1.4	1.1	2.8	2.6	2.1	1.5	1.8	1.9	2.6	2.2	1.3	2.1	2.0	1.5	2.5	2.0	1.8
	Damurhuda	1.4	1.1	2.8	2.6	2.1	1.5	1.8	1.9	2.6	2.2	1.3	2.1	2.0	1.6	2.5	2.0	1.8
	Jiban Nagar	1.5	1.1	2.8	2.6	2.0	1.5	1.8	1.9	2.6	2.2	1.3	2.2	2.0	1.6	2.5	1.9	1.8
Comilla	Barura	1.2	0.8	2.6	2.5	1.7	1.5	1.7	1.8	2.5	2.1	1.2	1.6	1.8	1.2	2.3	1.9	1.6
	Brahman Para	1.1	0.7	2.6	2.6	1.8	1.6	1.7	1.9	2.5	2.1	1.2	1.6	1.8	1.1	2.3	1.9	1.6
	Burichang	1.1	0.7	2.6	2.6	1.8	1.6	1.7	1.9	2.5	2.1	1.2	1.6	1.8	1.1	2.3	1.9	1.6
	Chandina	1.2	0.8	2.6	2.5	1.7	1.6	1.7	1.9	2.5	2.1	1.2	1.6	1.8	1.2	2.3	1.9	1.6
	Chauddagram	1.2	0.8	2.5	2.5	1.7	1.6	1.7	1.8	2.4	2.0	1.1	1.5	1.7	1.1	2.2	1.9	1.6
	Comilla Adarsha	1.1	0.7	2.5	2.5	1.8	1.6	1.7	1.8	2.5	2.1	1.2	1.5	1.8	1.1	2.3	1.9	1.6
	Daudkandi	1.2	0.8	2.6	2.5	1.7	1.5	1.7	1.9	2.5	2.1	1.2	1.7	1.8	1.2	2.3	1.9	1.7
	Debidwar	1.2	0.7	2.6	2.6	1.8	1.6	1.7	1.9	2.5	2.1	1.2	1.6	1.8	1.2	2.3	1.9	1.6
	Homna	1.2	0.8	2.6	2.6	1.8	1.6	1.7	1.9	2.5	2.2	1.2	1.6	1.8	1.2	2.3	1.9	1.7
	Laksam	1.2	0.8	2.5	2.5	1.7	1.5	1.7	1.8	2.4	2.0	1.2	1.6	1.7	1.2	2.2	1.9	1.6
	Meghna	1.2	0.8	2.6	2.5	1.7	1.6	1.7	1.9	2.5	2.2	1.2	1.7	1.8	1.2	2.3	1.9	1.7
	Manoharganj	1.2	0.8	2.5	2.4	1.7	1.5	1.7	1.7	2.4	2.0	1.2	1.6	1.7	1.2	2.2	1.8	1.6
	Muradnagar	1.2	0.7	2.6	2.6	1.8	1.6	1.7	1.9	2.5	2.1	1.2	1.6	1.8	1.2	2.3	1.9	1.7
	Nangalkot	1.2	0.8	2.5	2.4	1.7	1.5	1.7	1.7	2.4	2.0	1.1	1.5	1.7	1.2	2.2	1.8	1.6
	Comilla Sadar Da	1.2	0.8	2.5	2.5	1.7	1.6	1.7	1.8	2.4	2.0	1.2	1.5	1.7	1.2	2.3	1.9	1.6
	Titas	1.2	0.8	2.6	2.5	1.7	1.6	1.7	1.9	2.5	2.1	1.2	1.6	1.8	1.2	2.3	1.9	1.7
Cox'sBazar	Chakaria	1.2	0.9	2.2	2.2	1.6	1.5	1.5	1.4	2.0	1.7	1.0	1.2	1.5	1.1	2.0	1.6	1.4
	Cox's Bazar Sa	1.2	1.0	2.1	2.2	1.6	1.4	1.5	1.3	2.0	1.7	1.0	1.2	1.5	1.1	2.0	1.6	1.4

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	Kutubdia	1.2	0.9	2.2	2.2	1.6	1.4	1.5	1.4	2.0	1.8	1.0	1.2	1.5	1.1	2.0	1.6	1.4
	Maheshkhali	1.2	0.9	2.1	2.2	1.6	1.4	1.5	1.4	2.0	1.8	1.0	1.2	1.5	1.1	2.0	1.6	1.4
	Pekua	1.2	0.9	2.2	2.2	1.6	1.4	1.5	1.4	2.0	1.8	1.0	1.2	1.5	1.1	2.0	1.6	1.4
	Ramu	1.2	1.0	2.1	2.2	1.6	1.5	1.5	1.3	2.0	1.7	1.0	1.2	1.5	1.1	2.0	1.6	1.4
	Teknaf	1.2	1.1	2.0	2.1	1.6	1.5	1.5	1.2	1.9	1.6	1.0	1.1	1.5	1.1	1.9	1.5	1.3
	Ukhia	1.2	1.0	2.1	2.2	1.6	1.5	1.5	1.3	1.9	1.7	1.0	1.1	1.5	1.1	2.0	1.5	1.3
Dhaka	Dhamrai	1.3	0.9	2.7	2.5	1.7	1.6	1.8	2.0	2.6	2.3	1.3	1.8	1.9	1.3	2.3	2.0	1.8
	Dohar	1.3	0.9	2.7	2.5	1.7	1.4	1.8	1.9	2.6	2.2	1.2	1.9	1.8	1.3	2.3	1.9	1.7
	Keraniganj	1.2	0.8	2.7	2.5	1.7	1.5	1.8	2.0	2.6	2.2	1.2	1.8	1.8	1.3	2.3	2.0	1.7
	Nawabganj	1.3	0.9	2.7	2.5	1.7	1.5	1.8	2.0	2.6	2.3	1.2	1.8	1.8	1.3	2.3	1.9	1.7
	Savar	1.2	0.8	2.7	2.6	1.7	1.6	1.8	2.0	2.6	2.3	1.3	1.8	1.9	1.3	2.3	2.0	1.8
Dinajpur	Birampur	1.8	1.3	3.3	2.8	2.4	2.3	1.9	2.2	2.8	2.8	2.1	2.2	2.3	1.8	2.8	2.3	2.5
	Birganj	2.1	1.3	3.3	3.0	2.6	2.5	2.0	2.3	2.9	2.8	2.2	2.1	2.4	1.8	3.0	2.4	2.5
	Biral	2.0	1.3	3.3	2.9	2.6	2.4	2.0	2.3	2.9	2.8	2.2	2.2	2.4	1.8	2.9	2.4	2.5
	Bochaganj	2.0	1.3	3.3	3.0	2.6	2.4	2.0	2.3	2.9	2.8	2.2	2.1	2.4	1.8	3.0	2.4	2.5
	Chirirbandar	1.9	1.3	3.3	2.9	2.5	2.4	2.0	2.3	2.9	2.8	2.1	2.1	2.4	1.8	2.9	2.4	2.5
	Dinajpur Sadar	1.9	1.3	3.3	2.9	2.5	2.4	2.0	2.3	2.9	2.8	2.2	2.2	2.4	1.8	2.9	2.4	2.5
	Fulbari	1.8	1.3	3.3	2.8	2.4	2.3	1.9	2.2	2.8	2.8	2.1	2.2	2.3	1.8	2.8	2.3	2.5
	Ghoraghat	1.7	1.3	3.2	2.8	2.3	2.3	1.9	2.2	2.8	2.8	2.0	2.1	2.3	1.7	2.8	2.3	2.4
	Hakimpur	1.7	1.3	3.2	2.8	2.3	2.3	1.9	2.2	2.8	2.8	2.0	2.2	2.3	1.7	2.8	2.3	2.4
	Kaharole	2.0	1.3	3.3	3.0	2.6	2.4	2.0	2.3	2.9	2.8	2.2	2.1	2.4	1.8	2.9	2.4	2.5
	Khansama	2.0	1.3	3.3	3.0	2.6	2.4	2.0	2.3	2.9	2.8	2.2	2.1	2.4	1.8	2.9	2.4	2.5
	Nawabganj	1.8	1.3	3.3	2.8	2.4	2.3	1.9	2.2	2.8	2.8	2.1	2.2	2.3	1.7	2.8	2.3	2.4
	Parbatipur	1.9	1.3	3.2	2.9	2.4	2.4	2.0	2.3	2.8	2.8	2.1	2.2	2.4	1.8	2.9	2.4	2.5
Faridpur	Alfadanga	1.4	1.1	2.7	2.4	1.7	1.3	1.8	1.9	2.5	2.2	1.3	2.0	1.9	1.5	2.3	1.9	1.7
	Bhanga	1.3	1.0	2.7	2.5	1.6	1.4	1.8	1.9	2.6	2.2	1.2	1.9	1.8	1.4	2.3	1.9	1.7
	Boalmari	1.4	1.1	2.7	2.5	1.7	1.4	1.8	1.9	2.6	2.2	1.3	2.0	1.9	1.5	2.3	1.9	1.7
	Char Bhadrasan	1.3	0.9	2.7	2.5	1.7	1.4	1.8	1.9	2.6	2.3	1.2	1.9	1.9	1.4	2.3	1.9	1.7
	Faridpur Sadar	1.3	1.0	2.7	2.5	1.7	1.4	1.8	1.9	2.6	2.3	1.3	1.9	1.9	1.4	2.3	1.9	1.8
	Madhukhali	1.3	1.0	2.7	2.5	1.8	1.4	1.8	1.9	2.6	2.2	1.3	2.0	1.9	1.4	2.3	1.9	1.8
	Nagarkanda	1.3	1.0	2.7	2.5	1.7	1.4	1.8	1.9	2.6	2.2	1.2	1.9	1.9	1.4	2.3	1.9	1.7
	Sadarpur	1.3	1.0	2.7	2.5	1.7	1.4	1.8	1.9	2.6	2.2	1.2	1.9	1.8	1.4	2.3	1.9	1.7
	Saltha	1.3	1.0	2.7	2.5	1.7	1.4	1.8	1.9	2.6	2.2	1.2	2.0	1.9	1.4	2.3	1.9	1.7
Feni	Chhagalnaiya	1.1	0.7	2.4	2.4	1.7	1.6	1.7	1.7	2.3	1.9	1.1	1.4	1.7	1.1	2.2	1.8	1.5
	Daganbhuiyan	1.2	0.8	2.4	2.4	1.7	1.5	1.6	1.7	2.3	2.0	1.1	1.5	1.7	1.1	2.2	1.8	1.5
	Feni Sadar	1.2	0.8	2.4	2.4	1.7	1.6	1.7	1.7	2.3	1.9	1.1	1.4	1.7	1.1	2.2	1.8	1.5
	Fulgazi	1.1	0.7	2.5	2.4	1.7	1.6	1.7	1.7	2.4	1.9	1.1	1.4	1.7	1.1	2.2	1.8	1.5
	Parshuram	1.1	0.7	2.5	2.5	1.7	1.6	1.7	1.8	2.4	2.0	1.1	1.5	1.7	1.1	2.2	1.9	1.5

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	Sonagazi	1.2	0.8	2.4	2.3	1.7	1.5	1.6	1.6	2.3	1.9	1.1	1.4	1.7	1.1	2.1	1.8	1.5
Gaibandha	Gaibandha Sadar	1.7	1.2	3.2	2.7	2.2	2.3	1.9	2.2	2.7	2.8	2.0	2.1	2.2	1.7	2.7	2.3	2.4
	Gobindaganj	1.6	1.2	3.2	2.7	2.2	2.2	1.9	2.2	2.8	2.8	1.9	2.1	2.2	1.6	2.7	2.3	2.3
	Palashbari	1.7	1.2	3.2	2.7	2.2	2.2	1.9	2.2	2.8	2.8	2.0	2.1	2.3	1.7	2.7	2.3	2.4
	Fulchhari	1.6	1.2	3.2	2.7	2.1	2.2	1.9	2.2	2.7	2.8	1.9	2.1	2.2	1.6	2.6	2.3	2.3
	Sadullapur	1.7	1.2	3.2	2.7	2.2	2.3	1.9	2.2	2.8	2.8	2.0	2.1	2.3	1.7	2.7	2.3	2.4
	Saghatta	1.6	1.2	3.1	2.7	2.1	2.2	1.9	2.2	2.8	2.7	1.9	2.1	2.2	1.6	2.6	2.3	2.3
	Sundarganj	1.7	1.2	3.2	2.7	2.2	2.3	1.9	2.2	2.8	2.8	2.0	2.1	2.3	1.7	2.7	2.3	2.4
Gazipur	Gazipur Sadar	1.2	0.8	2.7	2.6	1.8	1.7	1.8	2.1	2.6	2.3	1.3	1.8	1.9	1.3	2.3	2.0	1.8
	Kaliganj	1.2	0.8	2.7	2.6	1.8	1.7	1.8	2.0	2.6	2.3	1.3	1.7	1.9	1.2	2.3	2.0	1.8
	Kaliakair	1.2	0.8	2.7	2.6	1.8	1.7	1.8	2.1	2.7	2.4	1.4	1.8	1.9	1.3	2.3	2.1	1.9
	Kapasia	1.2	0.8	2.7	2.6	1.8	1.7	1.8	2.1	2.6	2.3	1.4	1.7	1.9	1.2	2.4	2.1	1.8
	Sreepur	1.2	0.8	2.7	2.6	1.8	1.7	1.8	2.1	2.6	2.4	1.4	1.8	1.9	1.3	2.4	2.1	1.9
Gopalganj	Gopalganj Sadar	1.4	1.1	2.7	2.3	1.6	1.3	1.7	1.8	2.5	2.1	1.2	1.9	1.8	1.5	2.2	1.8	1.7
	Kashiani	1.4	1.1	2.7	2.4	1.7	1.3	1.8	1.8	2.5	2.2	1.2	1.9	1.8	1.5	2.3	1.9	1.7
	Kotali Para	1.4	1.0	2.7	2.3	1.6	1.3	1.7	1.8	2.4	2.1	1.2	1.9	1.8	1.4	2.2	1.8	1.7
	Muksudpur	1.4	1.0	2.7	2.4	1.6	1.3	1.8	1.9	2.5	2.2	1.2	1.9	1.8	1.4	2.3	1.9	1.7
	Tungi Para	1.4	1.1	2.6	2.3	1.6	1.2	1.7	1.7	2.4	2.1	1.2	1.9	1.8	1.4	2.2	1.8	1.7
Habiganj	Ajmiriganj	1.2	0.7	2.8	2.7	1.9	2.0	1.8	2.1	2.6	2.3	1.4	1.6	1.9	1.2	2.5	2.1	1.9
	Bahubal	1.1	0.6	2.7	2.7	1.9	1.9	1.8	2.0	2.5	2.2	1.3	1.5	1.9	1.1	2.4	2.1	1.8
	Baniachong	1.2	0.6	2.8	2.7	1.9	2.0	1.8	2.1	2.6	2.3	1.4	1.5	1.9	1.1	2.4	2.1	1.8
	Chunarughat	1.1	0.6	2.6	2.6	1.9	1.8	1.8	2.0	2.5	2.2	1.3	1.5	1.8	1.0	2.4	2.1	1.7
	Habiganj Sadar	1.2	0.6	2.7	2.7	1.9	1.9	1.8	2.1	2.5	2.2	1.3	1.5	1.9	1.1	2.4	2.1	1.8
	Lakhai	1.2	0.6	2.7	2.6	1.9	1.9	1.8	2.1	2.6	2.3	1.3	1.5	1.9	1.1	2.4	2.1	1.8
	Madhabpur	1.1	0.6	2.6	2.6	1.9	1.8	1.8	2.0	2.5	2.2	1.3	1.5	1.8	1.1	2.4	2.0	1.7
	Nabiganj	1.2	0.6	2.8	2.7	1.9	2.0	1.9	2.1	2.5	2.3	1.4	1.5	1.9	1.1	2.5	2.1	1.8
Jamalpur	Bakshiganj	1.6	1.1	3.1	2.6	2.0	2.2	1.9	2.2	2.7	2.8	1.9	2.0	2.2	1.6	2.6	2.3	2.3
	Dewanganj	1.6	1.2	3.2	2.7	2.1	2.2	1.9	2.2	2.7	2.8	1.9	2.1	2.2	1.6	2.6	2.3	2.3
	Islampur	1.5	1.1	3.1	2.6	2.0	2.1	1.9	2.2	2.7	2.7	1.8	2.0	2.2	1.6	2.6	2.2	2.3
	Jamalpur Sadar	1.4	1.0	3.0	2.6	1.9	2.0	1.9	2.2	2.7	2.6	1.7	2.0	2.1	1.5	2.5	2.2	2.2
	Madarganj	1.5	1.1	3.0	2.6	2.0	2.0	1.9	2.2	2.7	2.7	1.8	2.0	2.1	1.5	2.6	2.2	2.2
	Melandaha	1.5	1.1	3.1	2.6	2.0	2.1	1.9	2.2	2.7	2.7	1.8	2.0	2.1	1.5	2.5	2.2	2.2
	Sharishabari	1.4	1.0	3.0	2.6	1.9	2.0	1.9	2.2	2.7	2.6	1.7	2.0	2.1	1.5	2.5	2.2	2.1
Jessore	Abhaynagar	1.4	1.1	2.7	2.4	1.7	1.3	1.8	1.8	2.4	2.1	1.3	2.0	1.8	1.5	2.3	1.8	1.7
	Bagher Para	1.4	1.1	2.7	2.5	1.8	1.4	1.8	1.8	2.5	2.2	1.3	2.1	1.9	1.5	2.3	1.9	1.7
	Chaugachha	1.5	1.2	2.8	2.5	1.9	1.4	1.8	1.9	2.5	2.2	1.3	2.1	1.9	1.6	2.4	1.9	1.7
	Sadar	1.4	1.1	2.7	2.4	1.8	1.3	1.8	1.8	2.5	2.1	1.3	2.1	1.9	1.6	2.3	1.9	1.7
	Jhikargachha	1.5	1.2	2.7	2.4	1.8	1.3	1.8	1.8	2.5	2.1	1.3	2.1	1.9	1.6	2.3	1.8	1.7

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	Keshabpur	1.4	1.1	2.7	2.3	1.8	1.3	1.7	1.7	2.4	2.1	1.3	2.0	1.8	1.5	2.2	1.8	1.7
	Manirampur	1.4	1.1	2.7	2.4	1.8	1.3	1.8	1.8	2.4	2.1	1.3	2.0	1.8	1.5	2.3	1.8	1.7
	Sharsha	1.5	1.2	2.7	2.4	1.9	1.3	1.8	1.8	2.4	2.1	1.3	2.1	1.9	1.6	2.3	1.8	1.7
Jhalokati	Jhalokati Sadar	1.3	1.0	2.5	2.2	1.5	1.2	1.6	1.6	2.3	2.1	1.2	1.7	1.7	1.4	2.1	1.7	1.6
	Kanthalia	1.3	1.0	2.4	2.1	1.5	1.1	1.6	1.6	2.2	2.0	1.2	1.7	1.6	1.4	2.0	1.6	1.6
	Nalchity	1.3	1.0	2.5	2.2	1.5	1.2	1.6	1.6	2.3	2.1	1.2	1.7	1.7	1.3	2.1	1.7	1.6
	Rajapur	1.3	1.0	2.5	2.2	1.5	1.1	1.6	1.6	2.2	2.1	1.2	1.7	1.7	1.4	2.0	1.6	1.6
Jhenaidah	Harinakunda	1.4	1.1	2.8	2.6	2.0	1.5	1.8	1.9	2.6	2.2	1.3	2.1	1.9	1.5	2.5	2.0	1.8
	Jhenaidah Sadar	1.4	1.1	2.8	2.6	1.9	1.5	1.8	1.9	2.6	2.2	1.3	2.1	1.9	1.5	2.4	1.9	1.8
	Kaliganj	1.4	1.1	2.8	2.5	1.9	1.4	1.8	1.9	2.6	2.2	1.3	2.1	1.9	1.6	2.4	1.9	1.8
	Kotchandpur	1.4	1.1	2.8	2.6	2.0	1.5	1.8	1.9	2.6	2.2	1.3	2.1	1.9	1.6	2.4	1.9	1.8
	Maheshpur	1.5	1.2	2.8	2.5	2.0	1.4	1.8	1.9	2.6	2.2	1.3	2.2	1.9	1.6	2.4	1.9	1.8
	Shailkupa	1.4	1.0	2.7	2.6	2.0	1.5	1.8	1.9	2.6	2.3	1.3	2.0	1.9	1.5	2.4	2.0	1.8
Joypurhat	Akkelpur	1.6	1.2	3.1	2.7	2.3	2.1	1.9	2.2	2.8	2.7	1.9	2.2	2.2	1.7	2.7	2.2	2.3
	Joypurhat Sadar	1.7	1.3	3.2	2.8	2.3	2.2	1.9	2.2	2.8	2.8	2.0	2.2	2.3	1.7	2.8	2.3	2.4
	Kalai	1.6	1.2	3.2	2.7	2.2	2.2	1.9	2.2	2.8	2.7	1.9	2.1	2.2	1.7	2.7	2.3	2.3
	Khetlal	1.6	1.2	3.1	2.7	2.3	2.1	1.9	2.2	2.8	2.7	1.9	2.1	2.2	1.7	2.7	2.3	2.3
	Panchbibi	1.7	1.3	3.2	2.8	2.3	2.2	1.9	2.2	2.8	2.8	2.0	2.2	2.3	1.7	2.8	2.3	2.4
Khagrachhari	Dighinala	1.1	0.6	2.5	2.5	1.7	1.7	1.7	1.8	2.4	1.9	1.1	1.3	1.7	1.0	2.2	1.9	1.5
	Khagrachhari Sa	1.1	0.6	2.4	2.5	1.6	1.6	1.7	1.7	2.3	1.9	1.1	1.3	1.7	1.0	2.2	1.9	1.5
	Lakshmichhari	1.1	0.7	2.3	2.3	1.6	1.6	1.6	1.6	2.2	1.8	1.1	1.3	1.6	1.0	2.1	1.8	1.5
	Mahalchhari	1.1	0.6	2.4	2.4	1.6	1.6	1.7	1.7	2.3	1.8	1.1	1.3	1.6	1.0	2.1	1.8	1.4
	Manikchhari	1.1	0.7	2.3	2.3	1.6	1.6	1.6	1.6	2.3	1.9	1.1	1.3	1.6	1.0	2.1	1.8	1.5
	Matiranga	1.1	0.7	2.4	2.4	1.6	1.6	1.7	1.7	2.3	1.9	1.1	1.3	1.7	1.0	2.2	1.8	1.5
	Panchhari	1.1	0.6	2.4	2.5	1.7	1.7	1.7	1.8	2.4	1.9	1.1	1.3	1.7	1.0	2.2	1.9	1.5
	Ramgarh	1.1	0.7	2.4	2.4	1.6	1.6	1.7	1.7	2.3	1.9	1.1	1.3	1.6	1.0	2.1	1.8	1.5
Khulna	Batiaghata	1.4	1.1	2.6	2.2	1.6	1.2	1.7	1.7	2.3	2.1	1.3	1.9	1.8	1.5	2.1	1.7	1.7
	Dacope	1.3	1.1	2.3	2.1	1.4	1.0	1.6	1.6	2.0	2.0	1.3	1.8	1.6	1.4	2.0	1.5	1.6
	Dighalia	1.4	1.1	2.7	2.3	1.7	1.3	1.7	1.7	2.4	2.1	1.3	1.9	1.8	1.5	2.2	1.8	1.7
	Dumuria	1.4	1.1	2.6	2.3	1.7	1.2	1.7	1.7	2.3	2.1	1.3	2.0	1.8	1.5	2.2	1.7	1.7
	Koyra	1.3	1.1	2.2	2.0	1.4	1.0	1.5	1.5	1.9	1.9	1.3	1.8	1.6	1.4	1.9	1.5	1.6
	Phultala	1.4	1.1	2.7	2.3	1.7	1.3	1.7	1.7	2.4	2.1	1.3	2.0	1.8	1.5	2.2	1.8	1.7
	Paikgachha	1.4	1.1	2.5	2.2	1.6	1.2	1.7	1.6	2.2	2.0	1.3	1.9	1.7	1.5	2.1	1.7	1.7
	Rupsa	1.4	1.1	2.6	2.2	1.6	1.2	1.7	1.7	2.4	2.1	1.3	1.9	1.8	1.5	2.2	1.7	1.7
	Terokhada	1.4	1.1	2.7	2.3	1.7	1.3	1.7	1.7	2.4	2.1	1.3	1.9	1.8	1.5	2.2	1.8	1.7
Kishoreganj	Austagram	1.2	0.7	2.7	2.6	1.9	1.9	1.8	2.1	2.6	2.3	1.4	1.6	1.9	1.2	2.4	2.1	1.8
	Bajitpur	1.2	0.7	2.7	2.6	1.9	1.8	1.8	2.1	2.6	2.3	1.4	1.6	1.9	1.2	2.4	2.1	1.8
	Bhairab	1.2	0.7	2.6	2.6	1.8	1.8	1.8	2.0	2.6	2.3	1.3	1.6	1.9	1.1	2.4	2.0	1.8

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	Hossainpur	1.3	0.8	2.8	2.6	1.9	1.9	1.8	2.1	2.6	2.4	1.5	1.7	2.0	1.3	2.4	2.1	1.9
	Itna	1.2	0.7	2.8	2.7	1.9	2.0	1.8	2.1	2.6	2.4	1.4	1.6	1.9	1.2	2.5	2.1	1.9
	Karimganj	1.2	0.7	2.8	2.6	1.9	1.9	1.8	2.1	2.6	2.4	1.4	1.7	1.9	1.2	2.4	2.1	1.9
	Katiadi	1.2	0.7	2.7	2.6	1.9	1.8	1.8	2.1	2.6	2.3	1.4	1.7	1.9	1.2	2.4	2.1	1.9
	Kishoreganj Sad	1.3	0.8	2.8	2.6	1.9	1.9	1.8	2.1	2.6	2.4	1.4	1.7	1.9	1.2	2.4	2.1	1.9
	Kuliar Char	1.2	0.7	2.7	2.6	1.8	1.8	1.8	2.1	2.6	2.3	1.3	1.6	1.9	1.2	2.4	2.1	1.8
	Mithamain	1.2	0.7	2.8	2.6	1.9	1.9	1.8	2.1	2.6	2.3	1.4	1.6	1.9	1.2	2.4	2.1	1.9
	Nikli	1.2	0.7	2.7	2.6	1.9	1.9	1.8	2.1	2.6	2.3	1.4	1.6	1.9	1.2	2.4	2.1	1.9
	Pakundia	1.2	0.8	2.7	2.6	1.8	1.8	1.8	2.1	2.6	2.4	1.4	1.7	1.9	1.2	2.4	2.1	1.9
	Tarail	1.3	0.8	2.8	2.6	1.9	2.0	1.8	2.1	2.6	2.4	1.5	1.7	2.0	1.2	2.5	2.1	1.9
Kurigram	Bhurungamari	2.0	1.1	3.1	2.9	2.4	2.4	2.0	2.3	2.8	2.7	2.0	2.0	2.3	1.7	2.8	2.4	2.4
	Char Rajibpur	1.7	1.2	3.2	2.7	2.1	2.3	1.9	2.2	2.7	2.8	2.0	2.1	2.2	1.6	2.7	2.3	2.4
	Chilmari	1.7	1.2	3.2	2.7	2.1	2.3	1.9	2.3	2.7	2.8	2.0	2.1	2.2	1.7	2.7	2.3	2.4
	Kurigram Sad	1.9	1.1	3.1	2.8	2.3	2.3	2.0	2.3	2.7	2.7	2.0	2.1	2.3	1.7	2.7	2.3	2.4
	Nageshwari	1.9	1.1	3.1	2.8	2.3	2.4	2.0	2.3	2.7	2.7	2.0	2.0	2.3	1.7	2.7	2.4	2.4
	Phulbari	1.9	1.2	3.2	2.8	2.3	2.4	2.0	2.3	2.8	2.7	2.0	2.0	2.3	1.7	2.8	2.4	2.4
	Rajarhat	1.9	1.2	3.2	2.8	2.3	2.4	2.0	2.3	2.8	2.7	2.0	2.1	2.3	1.7	2.8	2.3	2.4
	Raumari	1.7	1.1	3.1	2.7	2.1	2.3	1.9	2.3	2.7	2.7	2.0	2.1	2.2	1.6	2.7	2.3	2.4
	Ulipur	1.8	1.2	3.2	2.7	2.2	2.3	1.9	2.3	2.7	2.7	2.0	2.1	2.3	1.7	2.7	2.3	2.4
Kushtia	Bheramara	1.4	1.0	2.8	2.6	2.1	1.7	1.8	2.0	2.7	2.3	1.5	2.1	2.0	1.5	2.5	2.0	1.9
	Daulatpur	1.4	1.0	2.8	2.6	2.2	1.7	1.8	2.0	2.6	2.3	1.5	2.1	2.0	1.5	2.5	2.0	1.9
	Khoksa	1.4	1.0	2.7	2.6	2.0	1.6	1.8	2.0	2.6	2.3	1.4	2.0	1.9	1.5	2.4	2.0	1.8
	Kumarkhali	1.4	1.0	2.7	2.6	2.0	1.6	1.8	2.0	2.6	2.3	1.4	2.0	2.0	1.5	2.5	2.0	1.8
	Kushtia Sadar	1.4	1.0	2.8	2.6	2.0	1.6	1.8	2.0	2.6	2.3	1.4	2.1	2.0	1.5	2.5	2.0	1.8
	Mirpur	1.4	1.0	2.8	2.6	2.1	1.6	1.8	2.0	2.6	2.3	1.4	2.1	2.0	1.5	2.5	2.0	1.9
Lakshmipur	Kamalnagar	1.3	0.9	2.4	2.3	1.6	1.4	1.6	1.6	2.3	2.0	1.2	1.6	1.7	1.2	2.1	1.7	1.6
	Lakshmipur Sad	1.2	0.9	2.5	2.3	1.6	1.4	1.7	1.7	2.3	2.0	1.2	1.6	1.7	1.2	2.2	1.8	1.6
	Roypur	1.3	0.9	2.5	2.4	1.6	1.4	1.7	1.7	2.4	2.0	1.2	1.6	1.7	1.3	2.2	1.8	1.6
	Ramganj	1.2	0.9	2.5	2.4	1.7	1.5	1.7	1.7	2.4	2.0	1.2	1.6	1.7	1.2	2.2	1.8	1.6
	Ramgati	1.2	0.9	2.4	2.3	1.6	1.4	1.6	1.6	2.2	2.0	1.2	1.5	1.7	1.2	2.1	1.7	1.6
Lalmonirhat	Aditmari	2.0	1.2	3.2	2.9	2.4	2.4	2.0	2.3	2.8	2.7	2.1	2.1	2.3	1.7	2.8	2.4	2.4
	Hatibandha	2.1	1.2	3.2	3.0	2.5	2.5	2.0	2.3	2.8	2.7	2.1	2.0	2.4	1.8	2.9	2.4	2.4
	Kaliganj	2.0	1.2	3.2	2.9	2.5	2.4	2.0	2.3	2.8	2.7	2.1	2.1	2.3	1.8	2.9	2.4	2.4
	Lalmonirhat Sad	1.9	1.2	3.2	2.8	2.3	2.4	2.0	2.3	2.8	2.7	2.1	2.1	2.3	1.7	2.8	2.4	2.4
	Patgram	2.2	1.2	3.2	3.0	2.6	2.5	2.0	2.4	2.8	2.7	2.1	2.0	2.4	1.8	3.0	2.4	2.4
Madaripur	Kalkini	1.3	1.0	2.6	2.3	1.6	1.3	1.7	1.8	2.5	2.1	1.2	1.8	1.8	1.4	2.2	1.8	1.7
	Madaripur Sad	1.3	1.0	2.7	2.4	1.6	1.3	1.7	1.8	2.5	2.1	1.2	1.8	1.8	1.4	2.2	1.8	1.7
	Rajoir	1.3	1.0	2.7	2.4	1.6	1.3	1.7	1.8	2.5	2.2	1.2	1.9	1.8	1.4	2.2	1.8	1.7

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	Shib Char	1.3	1.0	2.7	2.5	1.6	1.4	1.8	1.9	2.6	2.2	1.2	1.9	1.8	1.4	2.3	1.9	1.7
Magura	Magura Sadar	1.4	1.1	2.7	2.5	1.8	1.4	1.8	1.9	2.6	2.2	1.3	2.0	1.9	1.5	2.4	1.9	1.7
	Mohammadpur	1.4	1.1	2.7	2.5	1.8	1.4	1.8	1.9	2.6	2.2	1.3	2.0	1.9	1.5	2.3	1.9	1.7
	Shalikha	1.4	1.1	2.8	2.5	1.8	1.4	1.8	1.9	2.6	2.2	1.3	2.1	1.9	1.5	2.4	1.9	1.7
	Sreepur	1.4	1.0	2.7	2.6	1.9	1.5	1.8	1.9	2.6	2.2	1.3	2.0	1.9	1.5	2.4	1.9	1.8
Manikganj	Daulatpur	1.3	0.9	2.7	2.6	1.8	1.6	1.8	2.0	2.7	2.4	1.4	1.9	1.9	1.4	2.4	2.0	1.9
	Ghior	1.3	0.9	2.7	2.5	1.8	1.5	1.8	2.0	2.6	2.3	1.3	1.9	1.9	1.4	2.3	2.0	1.8
	Harirampur	1.3	0.9	2.7	2.5	1.7	1.5	1.8	2.0	2.6	2.3	1.3	1.9	1.9	1.4	2.3	2.0	1.8
	Manikganj Sad	1.3	0.9	2.7	2.5	1.7	1.5	1.8	2.0	2.6	2.3	1.3	1.9	1.9	1.3	2.3	2.0	1.8
	Saturia	1.3	0.9	2.7	2.6	1.8	1.6	1.8	2.1	2.7	2.4	1.3	1.9	1.9	1.3	2.3	2.0	1.9
	Shibalaya	1.3	0.9	2.7	2.6	1.8	1.5	1.8	2.0	2.6	2.3	1.3	1.9	1.9	1.4	2.3	2.0	1.8
	Singair	1.3	0.9	2.7	2.5	1.7	1.5	1.8	2.0	2.6	2.3	1.3	1.8	1.9	1.3	2.3	2.0	1.8
Maulvibazar	Barlekha	1.1	0.4	2.8	2.8	1.9	2.1	1.9	2.1	2.5	2.2	1.3	1.4	1.9	1.0	2.5	2.1	1.8
	Juri	1.1	0.4	2.8	2.7	1.9	2.0	1.9	2.1	2.5	2.2	1.3	1.3	1.8	1.0	2.5	2.1	1.7
	Kamalganj	1.1	0.5	2.7	2.7	1.9	1.9	1.8	2.0	2.5	2.2	1.3	1.4	1.8	1.0	2.4	2.1	1.7
	Kulaura	1.1	0.5	2.7	2.7	1.9	2.0	1.9	2.0	2.5	2.2	1.3	1.4	1.8	1.0	2.4	2.1	1.7
	Maulvi Bazar Sa	1.2	0.5	2.8	2.7	1.9	2.0	1.9	2.1	2.5	2.2	1.3	1.4	1.9	1.0	2.4	2.1	1.8
	Rajnagar	1.1	0.5	2.8	2.7	1.9	2.0	1.9	2.1	2.5	2.2	1.3	1.4	1.9	1.0	2.5	2.1	1.8
	Sreemangal	1.1	0.5	2.7	2.7	1.9	1.9	1.8	2.0	2.5	2.2	1.3	1.4	1.8	1.0	2.4	2.1	1.7
Meherpur	Gangni	1.4	1.1	2.8	2.6	2.2	1.6	1.8	2.0	2.6	2.3	1.4	2.1	2.0	1.5	2.5	2.0	1.8
	Meherpur Sadar	1.4	1.1	2.8	2.7	2.2	1.6	1.8	1.9	2.6	2.3	1.4	2.1	2.0	1.6	2.5	2.0	1.8
	Mujib Nagar	1.4	1.1	2.8	2.6	2.2	1.6	1.8	1.9	2.6	2.2	1.4	2.2	2.0	1.6	2.5	2.0	1.8
Munshiganj	Gazaria	1.2	0.8	2.6	2.5	1.7	1.5	1.7	1.9	2.5	2.2	1.2	1.7	1.8	1.2	2.3	1.9	1.7
	Lohajang	1.3	0.9	2.7	2.5	1.7	1.4	1.7	1.9	2.5	2.2	1.2	1.8	1.8	1.3	2.3	1.9	1.7
	Munshiganj Sada	1.2	0.9	2.6	2.5	1.7	1.5	1.7	1.9	2.5	2.2	1.2	1.7	1.8	1.3	2.3	1.9	1.7
	Serajdikhan	1.2	0.9	2.7	2.5	1.7	1.5	1.7	1.9	2.6	2.2	1.2	1.8	1.8	1.3	2.3	1.9	1.7
	Sreenagar	1.3	0.9	2.7	2.5	1.7	1.5	1.7	1.9	2.6	2.2	1.2	1.8	1.8	1.3	2.3	1.9	1.7
	Tongibari	1.3	0.9	2.6	2.5	1.7	1.5	1.7	1.9	2.5	2.2	1.2	1.8	1.8	1.3	2.3	1.9	1.7
Mymensingh	Bhaluka	1.3	0.9	2.8	2.6	1.8	1.8	1.8	2.1	2.7	2.4	1.5	1.8	2.0	1.3	2.4	2.1	2.0
	Dhobaura	1.4	0.9	3.1	2.7	1.9	2.2	1.9	2.2	2.7	2.6	1.7	1.9	2.1	1.4	2.5	2.2	2.2
	Fulbaria	1.4	0.9	2.9	2.6	1.9	1.9	1.8	2.2	2.7	2.5	1.6	1.9	2.0	1.4	2.4	2.1	2.0
	Gaffargaon	1.3	0.8	2.8	2.6	1.8	1.8	1.8	2.1	2.6	2.4	1.5	1.8	1.9	1.3	2.4	2.1	1.9
	Gauripur	1.4	0.9	2.9	2.6	1.9	2.0	1.9	2.2	2.6	2.5	1.6	1.8	2.0	1.3	2.5	2.2	2.0
	Haluaghat	1.5	1.0	3.1	2.6	1.9	2.2	1.9	2.2	2.7	2.7	1.7	1.9	2.1	1.5	2.5	2.2	2.2
	Ishwarganj	1.3	0.8	2.9	2.6	1.9	2.0	1.9	2.1	2.6	2.5	1.5	1.8	2.0	1.3	2.5	2.2	2.0
	Muktagachha	1.4	1.0	2.9	2.6	1.9	2.0	1.9	2.2	2.7	2.6	1.6	1.9	2.0	1.4	2.5	2.2	2.1
	Mymensingh Sad	1.4	0.9	2.9	2.6	1.9	2.0	1.9	2.2	2.7	2.6	1.6	1.9	2.0	1.4	2.5	2.2	2.1
	Nandail	1.3	0.8	2.8	2.6	1.9	1.9	1.8	2.1	2.6	2.4	1.5	1.8	2.0	1.3	2.4	2.1	2.0

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	Phulpur	1.4	1.0	3.0	2.6	1.9	2.1	1.9	2.2	2.7	2.6	1.7	1.9	2.1	1.4	2.5	2.2	2.2
	Tarakanda	1.4	0.9	3.0	2.6	1.9	2.1	1.9	2.2	2.7	2.6	1.6	1.9	2.1	1.4	2.5	2.2	2.1
	Trishal	1.3	0.9	2.9	2.6	1.9	1.9	1.8	2.1	2.7	2.5	1.5	1.8	2.0	1.3	2.4	2.1	2.0
Naogaon	Atrai	1.5	1.2	3.0	2.7	2.2	2.0	1.9	2.1	2.7	2.6	1.7	2.1	2.1	1.6	2.6	2.2	2.2
	Badalgachhi	1.6	1.3	3.1	2.7	2.3	2.1	1.9	2.2	2.8	2.7	1.9	2.2	2.2	1.7	2.7	2.3	2.3
	Dhamoirhat	1.7	1.3	3.2	2.8	2.4	2.2	1.9	2.2	2.8	2.8	2.0	2.2	2.3	1.7	2.8	2.3	2.4
	Manda	1.6	1.2	3.1	2.8	2.4	2.0	1.9	2.1	2.8	2.6	1.8	2.2	2.2	1.7	2.7	2.2	2.2
	Mahadebpur	1.6	1.3	3.1	2.8	2.4	2.1	1.9	2.2	2.8	2.7	1.9	2.2	2.2	1.7	2.8	2.2	2.3
	Naogaon Sadar	1.6	1.2	3.1	2.7	2.3	2.1	1.9	2.2	2.8	2.6	1.8	2.2	2.2	1.7	2.7	2.2	2.2
	Niamatpur	1.6	1.2	3.1	2.8	2.4	2.1	1.9	2.1	2.8	2.6	1.9	2.2	2.2	1.7	2.8	2.2	2.3
	Patnitala	1.7	1.3	3.2	2.8	2.4	2.2	1.9	2.2	2.8	2.7	2.0	2.2	2.3	1.7	2.8	2.3	2.4
	Porsha	1.7	1.3	3.2	2.8	2.5	2.2	1.9	2.2	2.8	2.7	2.0	2.2	2.3	1.7	2.8	2.3	2.3
	Raninagar	1.5	1.2	3.0	2.7	2.2	2.0	1.9	2.1	2.8	2.6	1.8	2.1	2.2	1.6	2.7	2.2	2.2
	Sapahar	1.7	1.3	3.2	2.8	2.5	2.2	1.9	2.2	2.8	2.7	2.0	2.2	2.3	1.7	2.9	2.3	2.4
Narail	Kalia	1.4	1.1	2.7	2.3	1.7	1.3	1.7	1.8	2.4	2.1	1.3	1.9	1.8	1.5	2.2	1.8	1.7
	Lohagara	1.4	1.1	2.7	2.4	1.7	1.3	1.8	1.8	2.5	2.2	1.3	2.0	1.8	1.5	2.3	1.9	1.7
	Narail Sadar	1.4	1.1	2.7	2.4	1.7	1.3	1.8	1.8	2.5	2.2	1.3	2.0	1.9	1.5	2.3	1.9	1.7
Narayanganj	Araihazar	1.2	0.8	2.6	2.6	1.8	1.6	1.8	2.0	2.6	2.2	1.2	1.7	1.8	1.2	2.3	2.0	1.7
	Bandar	1.2	0.8	2.6	2.5	1.7	1.5	1.7	1.9	2.6	2.2	1.2	1.7	1.8	1.2	2.3	1.9	1.7
	Narayanganj Sa	1.2	0.8	2.6	2.5	1.7	1.5	1.7	1.9	2.6	2.2	1.2	1.7	1.8	1.3	2.3	1.9	1.7
	Rupganj	1.2	0.8	2.6	2.6	1.8	1.6	1.8	2.0	2.6	2.2	1.3	1.7	1.8	1.2	2.3	2.0	1.7
	Sonargaon	1.2	0.8	2.6	2.5	1.7	1.6	1.7	1.9	2.6	2.2	1.2	1.7	1.8	1.2	2.3	1.9	1.7
Narsingdi	Belabo	1.2	0.7	2.7	2.6	1.8	1.7	1.8	2.0	2.6	2.3	1.3	1.6	1.9	1.2	2.4	2.0	1.8
	Manohardi	1.2	0.7	2.7	2.6	1.8	1.8	1.8	2.1	2.6	2.3	1.4	1.7	1.9	1.2	2.4	2.1	1.8
	Narsingdi Sada	1.2	0.7	2.6	2.6	1.8	1.6	1.8	2.0	2.6	2.2	1.3	1.7	1.8	1.2	2.3	2.0	1.7
	Palash	1.2	0.8	2.7	2.6	1.8	1.7	1.8	2.0	2.6	2.3	1.3	1.7	1.9	1.2	2.3	2.0	1.8
	Roypura	1.2	0.7	2.6	2.6	1.8	1.7	1.8	2.0	2.6	2.2	1.3	1.6	1.8	1.2	2.3	2.0	1.8
	Shibpur	1.2	0.7	2.7	2.6	1.8	1.7	1.8	2.0	2.6	2.3	1.3	1.7	1.9	1.2	2.4	2.0	1.8
Natore	Bagati Para	1.5	1.1	2.9	2.7	2.2	1.8	1.8	2.1	2.7	2.4	1.6	2.1	2.1	1.6	2.6	2.1	2.0
	Baraigram	1.4	1.0	2.8	2.6	2.1	1.8	1.8	2.1	2.7	2.4	1.6	2.1	2.0	1.5	2.5	2.1	2.0
	Gurudaspur	1.4	1.1	2.9	2.6	2.1	1.8	1.8	2.1	2.7	2.5	1.6	2.1	2.1	1.5	2.5	2.1	2.0
	Lalpur	1.4	1.0	2.8	2.6	2.1	1.8	1.8	2.0	2.7	2.4	1.5	2.1	2.0	1.5	2.5	2.1	2.0
	Naldanga	1.5	1.1	2.9	2.7	2.2	1.9	1.9	2.1	2.7	2.5	1.7	2.1	2.1	1.6	2.6	2.1	2.1
	Natore Sadar	1.5	1.1	2.9	2.7	2.2	1.9	1.9	2.1	2.7	2.5	1.6	2.1	2.1	1.6	2.6	2.1	2.1
	Singra	1.5	1.1	2.9	2.7	2.1	1.9	1.9	2.1	2.7	2.5	1.7	2.1	2.1	1.6	2.6	2.1	2.1
Netrakona	Atpara	1.3	0.8	2.9	2.7	1.9	2.1	1.9	2.1	2.6	2.5	1.5	1.7	2.0	1.3	2.5	2.2	2.0
	Barhatta	1.4	0.8	3.0	2.7	1.9	2.1	1.9	2.2	2.6	2.5	1.6	1.7	2.0	1.3	2.5	2.2	2.0
	Durgapur	1.4	0.9	3.0	2.7	1.9	2.2	1.9	2.2	2.6	2.6	1.7	1.8	2.1	1.4	2.5	2.2	2.1

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	Kalmakanda	1.4	0.8	3.0	2.7	1.9	2.2	1.9	2.2	2.6	2.6	1.6	1.8	2.1	1.3	2.5	2.2	2.1
	Kendua	1.3	0.8	2.9	2.6	1.9	2.0	1.9	2.1	2.6	2.4	1.5	1.7	2.0	1.3	2.5	2.2	2.0
	Khaliajuri	1.3	0.7	2.9	2.7	1.9	2.0	1.9	2.1	2.6	2.4	1.5	1.7	2.0	1.2	2.5	2.2	1.9
	Madan	1.3	0.8	2.9	2.7	1.9	2.0	1.9	2.1	2.6	2.4	1.5	1.7	2.0	1.2	2.5	2.2	2.0
	Mohanganj	1.3	0.8	2.9	2.7	1.9	2.1	1.9	2.1	2.6	2.4	1.5	1.7	2.0	1.3	2.5	2.2	2.0
	Netrokona Sada	1.4	0.8	3.0	2.7	1.9	2.1	1.9	2.2	2.6	2.5	1.6	1.8	2.0	1.3	2.5	2.2	2.1
	Purbadhala	1.4	0.9	3.0	2.6	1.9	2.1	1.9	2.2	2.6	2.6	1.6	1.8	2.1	1.4	2.5	2.2	2.1
Nilphamari	Dimla	2.2	1.2	3.2	3.0	2.6	2.5	2.0	2.3	2.8	2.7	2.1	2.0	2.4	1.8	2.9	2.4	2.4
	Domar	2.2	1.2	3.3	3.0	2.6	2.5	2.0	2.3	2.9	2.8	2.2	2.0	2.4	1.8	3.0	2.4	2.5
	Jaldhaka	2.1	1.2	3.2	3.0	2.5	2.5	2.0	2.3	2.8	2.8	2.1	2.0	2.4	1.8	2.9	2.4	2.4
	Kishoreganj	2.0	1.2	3.2	2.9	2.5	2.4	2.0	2.3	2.8	2.8	2.1	2.1	2.4	1.8	2.9	2.4	2.4
	Nilphamari Sada	2.1	1.3	3.3	3.0	2.5	2.4	2.0	2.3	2.9	2.8	2.1	2.1	2.4	1.8	2.9	2.4	2.5
	Saidpur	2.0	1.3	3.2	2.9	2.5	2.4	2.0	2.3	2.8	2.8	2.1	2.1	2.4	1.8	2.9	2.4	2.5
Noakhali	Begumganj	1.2	0.8	2.5	2.4	1.7	1.5	1.6	1.7	2.3	2.0	1.2	1.5	1.7	1.2	2.2	1.8	1.6
	Chatkhil	1.2	0.8	2.5	2.4	1.7	1.5	1.7	1.7	2.4	2.0	1.2	1.6	1.7	1.2	2.2	1.8	1.6
	Companiganj	1.2	0.8	2.4	2.3	1.7	1.5	1.6	1.6	2.3	1.9	1.1	1.4	1.7	1.1	2.1	1.7	1.5
	Hatiya	1.2	0.9	2.3	2.2	1.6	1.3	1.5	1.5	2.1	1.9	1.1	1.5	1.6	1.2	2.1	1.6	1.5
	Kabirhat	1.2	0.8	2.4	2.3	1.7	1.5	1.6	1.6	2.3	2.0	1.1	1.5	1.7	1.2	2.1	1.8	1.6
	Noakhali Sadar	1.2	0.8	2.4	2.3	1.7	1.5	1.6	1.6	2.3	2.0	1.2	1.5	1.7	1.2	2.1	1.8	1.6
	Senbagh	1.2	0.8	2.5	2.4	1.7	1.5	1.7	1.7	2.3	2.0	1.1	1.5	1.7	1.2	2.2	1.8	1.6
	Sonaimuri	1.2	0.8	2.5	2.4	1.7	1.5	1.7	1.7	2.4	2.0	1.2	1.5	1.7	1.2	2.2	1.8	1.6
	Subarnachar	1.2	0.8	2.4	2.3	1.7	1.4	1.6	1.6	2.2	1.9	1.1	1.5	1.6	1.2	2.1	1.7	1.5
Pabna	Atgharia	1.4	1.0	2.8	2.6	2.0	1.7	1.8	2.1	2.7	2.4	1.5	2.0	2.0	1.5	2.5	2.1	1.9
	Bera	1.3	0.9	2.7	2.6	1.9	1.6	1.8	2.0	2.7	2.3	1.4	2.0	1.9	1.4	2.4	2.0	1.9
	Bhangura	1.4	1.0	2.8	2.6	2.0	1.8	1.8	2.1	2.7	2.4	1.5	2.0	2.0	1.5	2.5	2.1	2.0
	Chatmohar	1.4	1.0	2.8	2.6	2.0	1.8	1.8	2.1	2.7	2.4	1.5	2.0	2.0	1.5	2.5	2.1	2.0
	Faridpur	1.4	1.0	2.8	2.6	2.0	1.7	1.8	2.1	2.7	2.4	1.5	2.0	2.0	1.4	2.4	2.1	1.9
	Ishwardi	1.4	1.0	2.8	2.6	2.1	1.7	1.8	2.0	2.7	2.4	1.5	2.1	2.0	1.5	2.5	2.1	1.9
	Pabna Sadar	1.4	1.0	2.8	2.6	2.0	1.7	1.8	2.0	2.7	2.3	1.4	2.0	2.0	1.5	2.5	2.0	1.9
	Santhia	1.3	1.0	2.7	2.6	1.9	1.7	1.8	2.1	2.7	2.4	1.4	2.0	2.0	1.4	2.4	2.0	1.9
	Sujanagar	1.3	1.0	2.7	2.6	1.9	1.6	1.8	2.0	2.6	2.3	1.4	2.0	1.9	1.4	2.4	2.0	1.8
Panchagarh	Atwari	2.3	1.3	3.3	3.1	2.7	2.6	2.1	2.3	2.9	2.8	2.2	2.0	2.5	1.8	3.0	2.5	2.5
	Boda	2.3	1.3	3.3	3.1	2.7	2.5	2.0	2.3	2.9	2.8	2.2	2.0	2.4	1.8	3.0	2.4	2.5
	Debiganj	2.2	1.3	3.3	3.0	2.6	2.5	2.0	2.3	2.9	2.8	2.2	2.0	2.4	1.8	3.0	2.4	2.5
	Panchagarh Sad	2.3	1.2	3.3	3.1	2.7	2.6	2.1	2.4	2.9	2.8	2.2	1.9	2.5	1.8	3.0	2.5	2.5
	Tentulia	2.4	1.2	3.3	3.2	2.8	2.6	2.1	2.4	2.9	2.8	2.2	1.9	2.5	1.8	3.1	2.5	2.5
Patuakhali	Bauphal	1.3	1.0	2.4	2.2	1.5	1.2	1.6	1.6	2.2	2.0	1.2	1.6	1.6	1.3	2.0	1.6	1.6
	Dashmina	1.3	1.0	2.3	2.2	1.5	1.2	1.5	1.5	2.1	2.0	1.2	1.6	1.6	1.3	2.0	1.6	1.6

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	Dumki	1.3	1.0	2.4	2.2	1.5	1.2	1.6	1.6	2.2	2.0	1.2	1.7	1.6	1.3	2.0	1.6	1.6
	Galachipa	1.3	1.0	2.2	2.1	1.5	1.1	1.5	1.5	2.0	2.0	1.2	1.6	1.6	1.3	1.9	1.5	1.6
	Kala Para	1.2	1.0	2.2	2.1	1.4	1.0	1.5	1.5	1.9	1.9	1.2	1.6	1.5	1.3	1.9	1.5	1.6
	Mirzaganj	1.3	1.0	2.4	2.1	1.5	1.1	1.6	1.6	2.1	2.0	1.2	1.7	1.6	1.3	2.0	1.6	1.6
	Patuakhali Sadar	1.3	1.0	2.3	2.2	1.5	1.1	1.6	1.6	2.1	2.0	1.2	1.7	1.6	1.3	2.0	1.6	1.6
	Rangabali	1.2	1.0	2.2	2.1	1.4	1.0	1.5	1.5	2.0	1.9	1.2	1.6	1.5	1.3	1.9	1.5	1.5
Pirojpur	Bhandaria	1.3	1.0	2.4	2.1	1.5	1.1	1.6	1.6	2.2	2.0	1.2	1.8	1.7	1.4	2.0	1.6	1.6
	Zianagar	1.3	1.1	2.4	2.1	1.5	1.1	1.6	1.6	2.2	2.0	1.2	1.8	1.7	1.4	2.0	1.6	1.6
	Kawkhali	1.3	1.0	2.5	2.2	1.5	1.2	1.6	1.6	2.3	2.1	1.2	1.8	1.7	1.4	2.1	1.7	1.6
	Mathbaria	1.3	1.0	2.3	2.1	1.4	1.0	1.6	1.6	2.1	2.0	1.2	1.8	1.6	1.4	2.0	1.6	1.6
	Nazirpur	1.4	1.0	2.6	2.2	1.6	1.2	1.7	1.7	2.3	2.1	1.2	1.8	1.7	1.4	2.1	1.7	1.7
	Nesarabad	1.3	1.0	2.5	2.2	1.5	1.2	1.7	1.7	2.3	2.1	1.2	1.8	1.7	1.4	2.1	1.7	1.7
	Pirojpur Sadar	1.3	1.0	2.5	2.2	1.5	1.2	1.6	1.6	2.3	2.1	1.2	1.8	1.7	1.4	2.1	1.7	1.6
Rajbari	Balia Kandi	1.3	1.0	2.7	2.6	1.8	1.5	1.8	1.9	2.6	2.3	1.3	2.0	1.9	1.4	2.4	2.0	1.8
	Goalandaghat	1.3	0.9	2.7	2.5	1.8	1.5	1.8	2.0	2.6	2.3	1.3	1.9	1.9	1.4	2.3	2.0	1.8
	Kalukhali	1.3	1.0	2.7	2.6	1.9	1.5	1.8	2.0	2.6	2.3	1.3	2.0	1.9	1.4	2.4	2.0	1.8
	Pangsha	1.3	1.0	2.7	2.6	1.9	1.6	1.8	2.0	2.6	2.3	1.3	2.0	1.9	1.5	2.4	2.0	1.8
	Rajbari Sadar	1.3	1.0	2.7	2.6	1.8	1.5	1.8	2.0	2.6	2.3	1.3	2.0	1.9	1.4	2.4	2.0	1.8
Rajshahi	Bagha	1.4	1.1	2.8	2.7	2.2	1.8	1.8	2.0	2.7	2.4	1.6	2.1	2.0	1.5	2.6	2.1	2.0
	Baghmara	1.5	1.2	3.0	2.7	2.3	2.0	1.9	2.1	2.7	2.5	1.7	2.2	2.2	1.6	2.7	2.2	2.1
	Charghat	1.5	1.1	2.9	2.7	2.2	1.8	1.8	2.0	2.7	2.4	1.6	2.1	2.1	1.6	2.6	2.1	2.0
	Durgapur	1.5	1.1	2.9	2.7	2.3	1.9	1.9	2.1	2.7	2.5	1.7	2.2	2.1	1.6	2.6	2.1	2.1
	Godagari	1.6	1.1	3.0	2.8	2.4	1.9	1.9	2.1	2.7	2.5	1.7	2.2	2.1	1.6	2.7	2.1	2.1
	Mohanpur	1.6	1.2	3.0	2.7	2.3	2.0	1.9	2.1	2.7	2.5	1.7	2.2	2.2	1.6	2.7	2.2	2.1
	Paba	1.5	1.1	2.9	2.7	2.3	1.9	1.9	2.1	2.7	2.5	1.7	2.2	2.1	1.6	2.7	2.1	2.1
	Puthia	1.5	1.1	2.9	2.7	2.2	1.9	1.9	2.1	2.7	2.5	1.7	2.1	2.1	1.6	2.6	2.1	2.1
	Tanore	1.6	1.2	3.0	2.8	2.4	2.0	1.9	2.1	2.7	2.5	1.8	2.2	2.2	1.6	2.7	2.2	2.2
Rangamati	Baghai Chhari	1.0	0.6	2.4	2.5	1.7	1.7	1.7	1.8	2.4	1.9	1.1	1.2	1.7	0.9	2.2	1.9	1.5
	Barkal	1.1	0.6	2.3	2.4	1.5	1.7	1.6	1.6	2.3	1.8	1.0	1.2	1.6	1.0	2.1	1.8	1.4
	Belai Chhari	1.2	0.8	2.3	2.3	1.5	1.6	1.6	1.5	2.1	1.7	1.0	1.1	1.6	1.0	2.0	1.7	1.3
	Jurai Chhari	1.1	0.7	2.3	2.3	1.5	1.7	1.6	1.6	2.2	1.7	1.0	1.2	1.6	1.0	2.0	1.8	1.4
	Kaptai	1.1	0.7	2.3	2.3	1.5	1.6	1.6	1.6	2.2	1.8	1.0	1.2	1.6	1.0	2.0	1.7	1.4
	Kawkhali	1.1	0.7	2.3	2.3	1.6	1.6	1.6	1.6	2.2	1.8	1.1	1.2	1.6	1.0	2.1	1.7	1.4
	Langadu	1.1	0.6	2.3	2.4	1.6	1.7	1.7	1.7	2.3	1.8	1.0	1.2	1.6	1.0	2.1	1.8	1.4
	Naniarchar	1.1	0.6	2.3	2.4	1.6	1.6	1.6	1.6	2.3	1.8	1.1	1.2	1.6	1.0	2.1	1.8	1.4
	Rajasthali	1.1	0.7	2.3	2.3	1.5	1.6	1.6	1.5	2.1	1.7	1.0	1.2	1.6	1.0	2.0	1.7	1.4
	Rangamati Sada	1.1	0.7	2.3	2.3	1.5	1.6	1.6	1.6	2.2	1.8	1.0	1.2	1.6	1.0	2.1	1.8	1.4
Rangpur	Badarganj	1.9	1.3	3.2	2.9	2.4	2.4	2.0	2.3	2.8	2.8	2.1	2.1	2.3	1.8	2.8	2.4	2.4

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	Gangachara	2.0	1.2	3.2	2.9	2.4	2.4	2.0	2.3	2.8	2.8	2.1	2.1	2.3	1.8	2.8	2.4	2.4
	Kaunia	1.9	1.2	3.2	2.8	2.3	2.4	2.0	2.3	2.8	2.8	2.1	2.1	2.3	1.7	2.8	2.3	2.4
	Mitha Pukur	1.8	1.2	3.2	2.8	2.3	2.3	1.9	2.3	2.8	2.8	2.1	2.1	2.3	1.7	2.8	2.3	2.4
	Pirgachha	1.8	1.2	3.2	2.8	2.3	2.3	1.9	2.3	2.8	2.8	2.0	2.1	2.3	1.7	2.8	2.3	2.4
	Pirganj	1.8	1.3	3.2	2.8	2.3	2.3	1.9	2.2	2.8	2.8	2.0	2.1	2.3	1.7	2.8	2.3	2.4
	Rangpur Sadar	1.9	1.2	3.2	2.8	2.4	2.4	2.0	2.3	2.8	2.8	2.1	2.1	2.3	1.7	2.8	2.4	2.4
	Taraganj	2.0	1.3	3.2	2.9	2.4	2.4	2.0	2.3	2.8	2.8	2.1	2.1	2.4	1.8	2.9	2.4	2.4
Satkhira	Assasuni	1.4	1.1	2.5	2.2	1.6	1.1	1.7	1.6	2.2	2.0	1.3	2.0	1.7	1.5	2.1	1.7	1.6
	Debhata	1.4	1.1	2.5	2.2	1.7	1.2	1.7	1.7	2.2	2.0	1.3	2.0	1.8	1.5	2.1	1.7	1.7
	Kalaroa	1.5	1.1	2.7	2.3	1.8	1.3	1.7	1.7	2.4	2.1	1.3	2.1	1.8	1.6	2.3	1.8	1.7
	Kaliganj	1.4	1.1	2.5	2.2	1.6	1.1	1.7	1.6	2.1	2.0	1.3	2.0	1.7	1.5	2.1	1.6	1.6
	Satkhira Sadar	1.5	1.1	2.6	2.3	1.7	1.2	1.7	1.7	2.3	2.0	1.3	2.0	1.8	1.5	2.2	1.7	1.7
	Shyamnagar	1.3	1.1	2.2	2.0	1.4	0.9	1.6	1.5	1.9	1.8	1.3	1.9	1.6	1.4	1.9	1.5	1.6
	Tala	1.4	1.1	2.6	2.3	1.7	1.2	1.7	1.7	2.3	2.1	1.3	2.0	1.8	1.5	2.2	1.7	1.7
Shariatpur	Bhedarganj	1.3	0.9	2.6	2.4	1.7	1.4	1.7	1.8	2.5	2.1	1.2	1.7	1.8	1.3	2.2	1.9	1.6
	Damudya	1.3	1.0	2.6	2.4	1.6	1.4	1.7	1.8	2.5	2.1	1.2	1.8	1.8	1.3	2.2	1.8	1.6
	Gosairhat	1.3	1.0	2.6	2.4	1.6	1.4	1.7	1.8	2.4	2.1	1.2	1.7	1.8	1.3	2.2	1.8	1.6
	Naria	1.3	0.9	2.6	2.5	1.7	1.4	1.7	1.8	2.5	2.1	1.2	1.8	1.8	1.3	2.2	1.9	1.7
	Shariatpur Sadar	1.3	1.0	2.6	2.4	1.6	1.4	1.7	1.8	2.5	2.1	1.2	1.8	1.8	1.4	2.2	1.9	1.7
	Zanjira	1.3	1.0	2.7	2.5	1.6	1.4	1.8	1.9	2.5	2.2	1.2	1.8	1.8	1.4	2.3	1.9	1.7
Sherpur	Jhenaigati	1.5	1.1	3.1	2.6	2.0	2.2	1.9	2.2	2.7	2.7	1.8	2.0	2.2	1.5	2.6	2.2	2.3
	Nakla	1.4	1.0	3.0	2.6	1.9	2.1	1.9	2.2	2.7	2.6	1.7	1.9	2.1	1.5	2.5	2.2	2.2
	Nalitabari	1.5	1.0	3.1	2.6	1.9	2.2	1.9	2.2	2.7	2.7	1.8	2.0	2.1	1.5	2.5	2.2	2.2
	Sherpur Sadar	1.5	1.1	3.1	2.6	1.9	2.1	1.9	2.2	2.7	2.7	1.8	2.0	2.1	1.5	2.5	2.2	2.2
	Sreebardi	1.5	1.1	3.1	2.6	2.0	2.2	1.9	2.2	2.7	2.7	1.8	2.0	2.2	1.5	2.6	2.3	2.3
Sirajganj	Belkuchi	1.4	1.0	2.8	2.6	1.9	1.8	1.8	2.1	2.7	2.5	1.5	2.0	2.0	1.4	2.4	2.1	2.0
	Chauhali	1.3	0.9	2.7	2.6	1.8	1.7	1.8	2.1	2.7	2.4	1.4	1.9	2.0	1.4	2.4	2.1	1.9
	Kamarkhanda	1.4	1.0	2.8	2.6	1.9	1.8	1.8	2.1	2.7	2.5	1.6	2.0	2.0	1.5	2.5	2.1	2.0
	Kazipur	1.4	1.1	3.0	2.6	2.0	1.9	1.9	2.2	2.7	2.6	1.7	2.0	2.1	1.5	2.5	2.2	2.1
	Royganj	1.4	1.0	2.9	2.6	2.0	1.9	1.8	2.1	2.7	2.5	1.6	2.0	2.1	1.5	2.5	2.1	2.1
	Shahjadpur	1.3	0.9	2.8	2.6	1.9	1.7	1.8	2.1	2.7	2.4	1.5	2.0	2.0	1.4	2.4	2.1	1.9
	Sirajganj Sadar	1.4	1.0	2.9	2.6	1.9	1.9	1.8	2.1	2.7	2.5	1.6	2.0	2.0	1.5	2.5	2.1	2.1
	Tarash	1.4	1.1	2.9	2.6	2.1	1.9	1.8	2.1	2.7	2.5	1.6	2.1	2.1	1.5	2.5	2.1	2.1
	Ullah Para	1.4	1.0	2.8	2.6	2.0	1.8	1.8	2.1	2.7	2.5	1.5	2.0	2.0	1.5	2.5	2.1	2.0
Sunamganj	Bishwambarpur	1.4	0.7	3.0	2.7	1.9	2.2	1.9	2.2	2.6	2.5	1.6	1.7	2.0	1.2	2.6	2.2	2.0
	Chhatak	1.3	0.6	2.9	2.7	1.9	2.1	1.9	2.1	2.6	2.4	1.5	1.6	2.0	1.1	2.5	2.2	1.9
	Derai	1.3	0.7	2.9	2.7	1.9	2.1	1.9	2.1	2.6	2.4	1.5	1.6	2.0	1.2	2.5	2.2	1.9
	Dharampasha	1.4	0.8	3.0	2.7	1.9	2.2	1.9	2.2	2.6	2.5	1.6	1.7	2.0	1.3	2.5	2.2	2.0

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	Dowarabazar	1.3	0.6	3.0	2.8	1.9	2.2	1.9	2.2	2.6	2.4	1.5	1.6	2.0	1.2	2.6	2.2	2.0
	Jagannathpur	1.2	0.6	2.9	2.7	1.9	2.1	1.9	2.1	2.6	2.3	1.4	1.5	1.9	1.1	2.5	2.2	1.9
	Jamalganj	1.3	0.7	3.0	2.7	1.9	2.2	1.9	2.2	2.6	2.4	1.5	1.7	2.0	1.2	2.5	2.2	2.0
	Dak. Sunamganj	1.3	0.7	2.9	2.7	1.9	2.1	1.9	2.1	2.6	2.4	1.5	1.6	2.0	1.2	2.5	2.2	1.9
	Sulla	1.3	0.7	2.9	2.7	1.9	2.0	1.9	2.1	2.6	2.4	1.5	1.6	2.0	1.2	2.5	2.1	1.9
	Sunamganj Sada	1.3	0.7	3.0	2.7	1.9	2.2	1.9	2.2	2.6	2.4	1.5	1.6	2.0	1.2	2.6	2.2	2.0
	Tahirpur	1.4	0.8	3.0	2.7	1.9	2.2	1.9	2.2	2.6	2.5	1.6	1.7	2.0	1.3	2.6	2.2	2.1
Sylhet	Balaganj	1.2	0.5	2.8	2.7	1.9	2.0	1.9	2.1	2.5	2.3	1.4	1.5	1.9	1.1	2.5	2.1	1.8
	Beani Bazar	1.2	0.4	2.9	2.8	1.9	2.1	1.9	2.1	2.5	2.3	1.4	1.4	1.9	1.0	2.5	2.2	1.8
	Bishwanath	1.2	0.5	2.9	2.7	1.9	2.1	1.9	2.1	2.5	2.3	1.4	1.5	1.9	1.1	2.5	2.2	1.9
	Companiganj	1.3	0.5	3.0	2.8	1.9	2.2	1.9	2.2	2.5	2.4	1.5	1.5	2.0	1.1	2.6	2.2	1.9
	Dakshin Surma	1.2	0.5	2.9	2.7	1.9	2.1	1.9	2.1	2.5	2.3	1.4	1.5	1.9	1.1	2.5	2.2	1.8
	Fenchuganj	1.2	0.5	2.8	2.7	1.9	2.0	1.9	2.1	2.5	2.2	1.4	1.4	1.9	1.0	2.5	2.1	1.8
	Jaintiapur	1.2	0.4	3.0	2.8	1.9	2.2	1.9	2.1	2.5	2.3	1.4	1.4	1.9	1.0	2.6	2.2	1.9
	Golabganj	1.2	0.5	2.9	2.8	1.9	2.1	1.9	2.1	2.5	2.3	1.4	1.4	1.9	1.0	2.5	2.2	1.8
	Gowainghat	1.3	0.5	3.0	2.8	1.9	2.2	1.9	2.2	2.5	2.3	1.4	1.5	2.0	1.1	2.6	2.2	1.9
	Kanaighat	1.2	0.4	2.9	2.8	1.9	2.2	1.9	2.1	2.5	2.3	1.4	1.4	1.9	1.0	2.6	2.2	1.8
	Sylhet Sadar	1.2	0.5	2.9	2.8	1.9	2.1	1.9	2.1	2.5	2.3	1.4	1.5	1.9	1.1	2.5	2.2	1.9
	Zakiganj	1.2	0.4	2.9	2.8	1.9	2.1	1.9	2.1	2.5	2.2	1.4	1.4	1.9	1.0	2.5	2.2	1.8
Tangail	Basail	1.3	0.9	2.8	2.6	1.8	1.7	1.8	2.1	2.7	2.4	1.5	1.9	2.0	1.4	2.4	2.1	1.9
	Bhuapur	1.4	1.0	2.9	2.6	1.9	1.8	1.8	2.1	2.7	2.5	1.6	2.0	2.0	1.4	2.5	2.1	2.1
	Delduar	1.3	0.9	2.7	2.6	1.8	1.7	1.8	2.1	2.7	2.4	1.4	1.9	1.9	1.4	2.4	2.1	1.9
	Dhanbari	1.4	1.0	2.9	2.6	1.9	1.9	1.9	2.2	2.7	2.6	1.7	2.0	2.1	1.5	2.5	2.2	2.1
	Ghatail	1.3	0.9	2.9	2.6	1.8	1.8	1.8	2.1	2.7	2.5	1.5	1.9	2.0	1.4	2.4	2.1	2.0
	Gopalpur	1.4	1.0	2.9	2.6	1.9	1.9	1.8	2.2	2.7	2.6	1.6	2.0	2.0	1.4	2.5	2.1	2.1
	Kalihati	1.3	0.9	2.8	2.6	1.8	1.8	1.8	2.1	2.7	2.5	1.5	1.9	2.0	1.4	2.4	2.1	2.0
	Mirzapur	1.3	0.9	2.7	2.6	1.8	1.7	1.8	2.1	2.7	2.4	1.4	1.9	1.9	1.3	2.3	2.1	1.9
	Madhupur	1.4	1.0	2.9	2.6	1.9	1.9	1.9	2.2	2.7	2.6	1.6	1.9	2.0	1.4	2.5	2.2	2.1
	Nagarpur	1.3	0.9	2.7	2.6	1.8	1.6	1.8	2.1	2.7	2.4	1.4	1.9	1.9	1.4	2.4	2.0	1.9
	Sakhipur	1.3	0.9	2.8	2.6	1.8	1.8	1.8	2.1	2.7	2.4	1.5	1.9	2.0	1.3	2.4	2.1	2.0
	Tangail Sadar	1.3	0.9	2.8	2.6	1.8	1.7	1.8	2.1	2.7	2.5	1.5	1.9	2.0	1.4	2.4	2.1	2.0
Thakurgaon	Baliadangi	2.2	1.3	3.3	3.1	2.7	2.5	2.0	2.3	2.9	2.8	2.2	2.0	2.5	1.8	3.1	2.5	2.5
	Haripur	2.1	1.3	3.3	3.1	2.7	2.5	2.0	2.3	2.9	2.8	2.2	2.1	2.4	1.8	3.0	2.4	2.5
	Pirganj	2.1	1.3	3.3	3.0	2.7	2.4	2.0	2.3	2.9	2.8	2.2	2.1	2.4	1.8	3.0	2.4	2.5
	Ranisankail	2.2	1.3	3.3	3.1	2.7	2.5	2.0	2.3	2.9	2.8	2.2	2.0	2.4	1.8	3.0	2.4	2.5
	Thakurgaon Sada	2.2	1.3	3.3	3.1	2.7	2.5	2.0	2.3	2.9	2.8	2.2	2.0	2.4	1.8	3.0	2.4	2.5

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Table 6.5: Projected minimum temperature change for 487 upazilas in Bangladesh under RCP4.5 scenarios for the year 2030.

Dist. Name	Upz. Name	Jan(°C)	Feb(°C)	Mar(°C)	Apr(°C)	May(°C)	Jun(°C)	Jul(°C)	Aug(°C)	Sep(°C)	Oct(°C)	Nov(°C)	Dec(°C)	Ann(°C)	Winter	Pre-mon	Mon	Post-mon
Bagerhat	Bagerhat Sadar	1.0	0.9	1.1	0.9	0.5	1.1	0.9	0.9	0.7	0.8	0.6	1.3	0.9	1.1	0.8	0.9	0.7
	Chitalmari	1.1	0.9	1.1	0.9	0.5	1.2	1.0	0.9	0.8	0.9	0.6	1.3	0.9	1.1	0.8	0.9	0.8
	Fakirhat	1.1	0.9	1.1	0.9	0.5	1.1	1.0	0.9	0.7	0.8	0.6	1.3	0.9	1.1	0.8	0.9	0.7
	Kachua	1.0	0.8	1.1	0.9	0.5	1.1	0.9	0.9	0.7	0.8	0.6	1.3	0.9	1.1	0.8	0.9	0.7
	Mongla	0.8	0.6	1.0	0.9	0.3	0.9	0.8	0.8	0.6	0.8	0.5	1.2	0.8	0.9	0.7	0.8	0.6
	Mollahat	1.1	0.9	1.1	0.9	0.5	1.2	1.0	0.9	0.8	0.9	0.6	1.3	0.9	1.1	0.8	1.0	0.8
	Morrelganj	1.0	0.8	1.0	0.9	0.4	1.0	0.9	0.8	0.7	0.8	0.6	1.2	0.8	1.0	0.8	0.9	0.7
	Rampal	1.0	0.8	1.0	0.9	0.4	1.1	0.9	0.9	0.7	0.8	0.6	1.3	0.9	1.0	0.8	0.9	0.7
	Sarankhola	0.8	0.6	1.0	0.9	0.3	0.9	0.8	0.8	0.6	0.8	0.5	1.1	0.8	0.8	0.7	0.8	0.6
Bandarban	Alikadam	0.6	0.7	1.1	0.7	0.6	1.0	0.9	1.0	1.0	0.7	0.3	1.0	0.8	0.8	0.8	1.0	0.5
	Bandarban Sad	0.8	0.9	1.2	0.8	0.8	1.1	0.9	1.0	0.9	0.8	0.3	1.1	0.9	0.9	0.9	1.0	0.5
	Lama	0.7	0.7	1.1	0.7	0.6	1.0	0.9	1.0	1.0	0.7	0.2	1.0	0.8	0.8	0.8	1.0	0.5
	Naikhongchhar	0.6	0.7	1.1	0.7	0.5	1.0	0.9	0.9	1.0	0.7	0.3	0.9	0.8	0.7	0.8	0.9	0.5
	Rowangchhari	0.9	0.9	1.2	0.8	0.8	1.2	1.0	1.1	0.9	0.8	0.3	1.2	0.9	1.0	0.9	1.0	0.5
	Ruma	0.8	0.8	1.2	0.7	0.7	1.1	1.0	1.0	1.0	0.7	0.3	1.1	0.9	0.9	0.9	1.0	0.5
	Thanchi	0.6	0.7	1.1	0.7	0.6	1.1	0.9	1.0	1.0	0.7	0.3	1.0	0.8	0.8	0.8	1.0	0.5
Barguna	Amtali	0.9	0.6	1.0	0.9	0.3	0.9	0.8	0.8	0.7	0.8	0.5	1.1	0.8	0.9	0.7	0.8	0.6
	Bamna	0.9	0.7	1.0	0.9	0.3	1.0	0.8	0.8	0.7	0.8	0.5	1.2	0.8	0.9	0.8	0.8	0.7
	Barguna Sadar	0.8	0.6	1.0	0.9	0.3	0.9	0.8	0.8	0.7	0.8	0.5	1.1	0.8	0.9	0.7	0.8	0.6
	Betagi	0.9	0.7	1.1	0.9	0.4	1.0	0.8	0.8	0.7	0.8	0.5	1.2	0.8	0.9	0.8	0.8	0.7
	Patharghata	0.8	0.6	1.0	0.9	0.3	0.9	0.8	0.8	0.6	0.8	0.5	1.1	0.8	0.9	0.7	0.8	0.6
	Taltoli	0.8	0.5	1.0	0.9	0.2	0.9	0.7	0.7	0.7	0.8	0.5	1.1	0.7	0.8	0.7	0.7	0.6
Barisal	Agailjhara	1.1	1.0	1.1	0.9	0.6	1.2	1.0	0.9	0.8	0.9	0.6	1.3	0.9	1.1	0.9	1.0	0.7
	Babuganj	1.1	0.9	1.1	0.9	0.6	1.2	0.9	0.9	0.8	0.9	0.6	1.3	0.9	1.1	0.9	1.0	0.7
	Bakerganj	1.0	0.8	1.1	0.9	0.5	1.1	0.9	0.9	0.8	0.8	0.5	1.2	0.9	1.0	0.8	0.9	0.7
	Banari Para	1.1	0.9	1.1	0.9	0.6	1.2	0.9	0.9	0.8	0.9	0.6	1.3	0.9	1.1	0.8	0.9	0.7
	Barisal Sadar	1.0	0.9	1.1	0.9	0.6	1.2	0.9	0.9	0.8	0.8	0.6	1.3	0.9	1.1	0.8	0.9	0.7
	Gaurnadi	1.1	1.0	1.1	0.9	0.6	1.2	1.0	0.9	0.8	0.9	0.6	1.3	0.9	1.1	0.9	1.0	0.7
	Hizla	1.1	1.0	1.1	0.9	0.7	1.3	1.0	1.0	0.8	0.9	0.6	1.3	1.0	1.1	0.9	1.0	0.7
	Mehendiganj	1.1	0.9	1.1	0.9	0.7	1.2	0.9	0.9	0.8	0.8	0.6	1.3	0.9	1.1	0.9	1.0	0.7
	Muladi	1.1	1.0	1.1	0.9	0.7	1.2	1.0	0.9	0.8	0.9	0.6	1.3	1.0	1.1	0.9	1.0	0.7
	Wazirpur	1.1	0.9	1.1	0.9	0.6	1.2	1.0	0.9	0.8	0.9	0.6	1.3	0.9	1.1	0.8	1.0	0.7
Bhola	Bhola Sadar	1.0	0.9	1.1	0.9	0.6	1.2	0.9	0.9	0.8	0.8	0.5	1.3	0.9	1.1	0.9	1.0	0.7
	Burhanuddin	1.0	0.8	1.1	0.9	0.6	1.1	0.9	0.9	0.8	0.8	0.5	1.2	0.9	1.0	0.8	0.9	0.6
	Char Fasson	0.8	0.6	1.1	0.8	0.4	0.9	0.8	0.8	0.8	0.8	0.4	1.0	0.8	0.8	0.8	0.8	0.6

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	Daulatkhan	1.0	0.9	1.1	0.9	0.6	1.2	0.9	0.9	0.8	0.8	0.5	1.2	0.9	1.0	0.9	1.0	0.7
	Lalmohan	0.9	0.7	1.1	0.8	0.5	1.0	0.9	0.9	0.8	0.8	0.4	1.1	0.8	0.9	0.8	0.9	0.6
	Manpura	0.9	0.7	1.1	0.8	0.5	1.0	0.9	0.9	0.8	0.8	0.4	1.1	0.8	0.9	0.8	0.9	0.6
	Tazumuddin	1.0	0.8	1.1	0.8	0.6	1.1	0.9	0.9	0.8	0.8	0.4	1.2	0.9	1.0	0.8	0.9	0.6
Bogra	Adamdighi	1.6	1.3	1.3	1.1	1.3	1.5	1.3	1.2	1.0	1.0	0.7	1.5	1.2	1.5	1.3	1.2	0.8
	Bogra Sadar	1.6	1.3	1.3	1.1	1.3	1.5	1.3	1.3	1.0	1.0	0.7	1.5	1.2	1.5	1.3	1.2	0.9
	Dhunat	1.6	1.3	1.3	1.1	1.2	1.5	1.3	1.3	1.0	1.0	0.7	1.4	1.2	1.4	1.2	1.2	0.8
	Dhupchanchia	1.6	1.3	1.3	1.1	1.4	1.5	1.3	1.2	1.0	1.0	0.7	1.5	1.3	1.5	1.3	1.2	0.9
	Gabtali	1.6	1.3	1.3	1.1	1.3	1.5	1.3	1.3	1.0	1.0	0.7	1.5	1.2	1.5	1.3	1.3	0.9
	Kahaloo	1.6	1.3	1.3	1.1	1.3	1.5	1.3	1.3	1.0	1.0	0.7	1.5	1.2	1.5	1.3	1.2	0.8
	Nandigram	1.6	1.3	1.3	1.1	1.3	1.5	1.3	1.2	1.0	1.0	0.7	1.5	1.2	1.4	1.2	1.2	0.8
	Sariakandi	1.6	1.3	1.3	1.1	1.3	1.5	1.3	1.3	1.0	1.0	0.7	1.4	1.2	1.5	1.2	1.3	0.9
	Shajahanpur	1.6	1.3	1.3	1.1	1.3	1.5	1.3	1.3	1.0	1.0	0.7	1.4	1.2	1.5	1.2	1.2	0.8
	Sherpur	1.6	1.3	1.3	1.1	1.2	1.5	1.3	1.2	1.0	1.0	0.7	1.4	1.2	1.4	1.2	1.2	0.8
	Shibganj	1.7	1.4	1.4	1.1	1.4	1.5	1.3	1.3	1.0	1.0	0.8	1.5	1.3	1.5	1.3	1.3	0.9
	Sonatola	1.7	1.4	1.4	1.1	1.4	1.5	1.3	1.3	1.0	1.0	0.7	1.5	1.3	1.5	1.3	1.3	0.9
Brahaman baria	Akhaura	1.2	1.1	1.3	1.0	1.0	1.4	1.1	1.2	1.0	1.0	0.6	1.4	1.1	1.2	1.1	1.2	0.8
	Ashuganj	1.3	1.2	1.3	1.0	1.0	1.5	1.2	1.2	1.0	1.0	0.6	1.4	1.1	1.3	1.1	1.2	0.8
	Banchharampu	1.2	1.1	1.3	1.0	0.9	1.4	1.1	1.2	0.9	1.0	0.6	1.3	1.1	1.2	1.1	1.2	0.8
	Bijoynagar	1.3	1.2	1.3	1.0	1.0	1.4	1.2	1.2	1.0	1.0	0.6	1.4	1.1	1.3	1.1	1.2	0.8
	Brahmanbaria Sadar	1.3	1.2	1.3	1.0	1.0	1.4	1.2	1.2	1.0	1.0	0.6	1.4	1.1	1.3	1.1	1.2	0.8
	Kasba	1.2	1.1	1.3	1.0	1.0	1.4	1.1	1.2	0.9	1.0	0.6	1.4	1.1	1.2	1.1	1.2	0.8
	Nabinagar	1.2	1.1	1.3	1.0	1.0	1.4	1.1	1.2	1.0	1.0	0.6	1.4	1.1	1.2	1.1	1.2	0.8
	Nasirnagar	1.3	1.2	1.3	1.1	1.1	1.5	1.2	1.2	1.0	1.0	0.6	1.4	1.2	1.3	1.2	1.2	0.8
	Sarail	1.3	1.2	1.3	1.0	1.1	1.5	1.2	1.2	1.0	1.0	0.6	1.4	1.1	1.3	1.1	1.2	0.8
Chapai Nawabganj	Bholahat	1.6	1.2	1.4	1.2	1.6	1.5	1.3	1.2	1.0	0.9	0.8	1.8	1.3	1.5	1.4	1.2	0.9
	Chapai Nawab	1.6	1.1	1.3	1.3	1.3	1.5	1.3	1.2	0.9	0.9	0.8	1.7	1.2	1.5	1.3	1.2	0.8
	Gomastapur	1.6	1.2	1.4	1.2	1.5	1.5	1.3	1.2	1.0	0.9	0.8	1.7	1.3	1.5	1.4	1.2	0.9
	Nachole	1.6	1.2	1.3	1.2	1.4	1.5	1.3	1.2	0.9	0.9	0.8	1.7	1.3	1.5	1.3	1.2	0.8
	Shibganj	1.6	1.1	1.4	1.3	1.4	1.5	1.3	1.2	0.9	0.9	0.8	1.7	1.3	1.5	1.4	1.2	0.8
Chandpur	Chandpur Sadar	1.1	1.0	1.2	0.9	0.8	1.3	1.0	1.0	0.9	0.9	0.5	1.3	1.0	1.1	0.9	1.1	0.7
	Faridganj	1.1	1.0	1.2	0.9	0.8	1.3	1.0	1.0	0.9	0.9	0.5	1.3	1.0	1.1	0.9	1.1	0.7
	Haim Char	1.1	1.0	1.1	0.9	0.7	1.3	1.0	1.0	0.8	0.9	0.5	1.3	1.0	1.1	0.9	1.0	0.7
	Hajiganj	1.1	1.0	1.2	0.9	0.8	1.4	1.0	1.1	0.9	0.9	0.5	1.3	1.0	1.1	1.0	1.1	0.7
	Kachua	1.1	1.0	1.2	0.9	0.9	1.4	1.1	1.1	0.9	0.9	0.5	1.3	1.0	1.2	1.0	1.1	0.7

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	Matlab Dakshin	1.1	1.0	1.2	0.9	0.8	1.4	1.1	1.1	0.9	0.9	0.5	1.3	1.0	1.2	1.0	1.1	0.7
	Matlab Uttar	1.1	1.0	1.2	0.9	0.8	1.4	1.1	1.1	0.9	0.9	0.5	1.3	1.0	1.2	1.0	1.1	0.7
	Shahrasti	1.1	1.0	1.2	0.9	0.8	1.3	1.0	1.1	0.9	0.9	0.5	1.3	1.0	1.1	1.0	1.1	0.7
Chittagon	Anowara	0.9	0.8	1.2	0.8	0.7	1.1	0.9	1.0	0.9	0.8	0.3	1.1	0.9	0.9	0.9	1.0	0.5
	Banshkhali	0.8	0.8	1.1	0.8	0.6	1.0	0.9	1.0	0.9	0.7	0.3	1.0	0.8	0.8	0.8	1.0	0.5
	Boalkhali	1.0	0.9	1.2	0.8	0.8	1.2	0.9	1.1	0.9	0.8	0.3	1.1	0.9	1.0	0.9	1.0	0.5
	Chandanaish	0.9	0.9	1.2	0.8	0.7	1.1	0.9	1.0	0.9	0.8	0.3	1.1	0.9	0.9	0.9	1.0	0.5
	Fatikchhari	1.1	1.0	1.2	0.9	0.9	1.3	1.0	1.1	0.9	0.8	0.4	1.3	1.0	1.1	1.0	1.1	0.6
	Hathazari	1.0	0.9	1.2	0.8	0.8	1.2	0.9	1.1	0.9	0.8	0.3	1.2	0.9	1.0	1.0	1.0	0.6
	Lohagara	0.8	0.8	1.1	0.7	0.6	1.1	0.9	1.0	1.0	0.7	0.3	1.0	0.8	0.9	0.8	1.0	0.5
	Mirsharai	1.1	1.0	1.2	0.9	0.9	1.3	1.0	1.1	0.9	0.8	0.4	1.3	1.0	1.1	1.0	1.0	0.6
	Patiya	0.9	0.9	1.2	0.8	0.8	1.1	0.9	1.0	0.9	0.8	0.3	1.1	0.9	1.0	0.9	1.0	0.5
	Rangunia	1.0	1.0	1.2	0.8	0.9	1.2	1.0	1.1	0.9	0.8	0.3	1.2	0.9	1.1	1.0	1.0	0.5
	Raozan	1.0	1.0	1.2	0.8	0.9	1.2	1.0	1.1	0.9	0.8	0.3	1.2	0.9	1.1	1.0	1.0	0.6
	Sandwip	1.0	0.9	1.2	0.8	0.7	1.2	0.9	1.0	0.9	0.8	0.4	1.2	0.9	1.0	0.9	1.0	0.6
	Satkania	0.8	0.8	1.1	0.8	0.7	1.1	0.9	1.0	0.9	0.7	0.3	1.1	0.9	0.9	0.9	1.0	0.5
	Sitakunda	1.0	0.9	1.2	0.8	0.8	1.2	0.9	1.0	0.9	0.8	0.4	1.2	0.9	1.0	0.9	1.0	0.6
Chuadanga	Alamdanga	1.3	0.9	1.1	1.1	0.7	1.4	1.2	1.2	0.8	0.9	0.6	1.4	1.0	1.2	1.0	1.1	0.7
	Chuadanga Sadar	1.3	0.9	1.0	1.0	0.6	1.4	1.2	1.1	0.8	0.9	0.6	1.4	1.0	1.2	0.9	1.1	0.7
	Damurhuda	1.3	0.9	1.0	1.0	0.6	1.4	1.2	1.1	0.8	0.9	0.6	1.4	1.0	1.2	0.9	1.1	0.7
	Jiban Nagar	1.3	0.9	1.0	1.0	0.6	1.3	1.2	1.1	0.8	0.9	0.6	1.4	1.0	1.2	0.9	1.1	0.7
Comilla	Barura	1.1	1.0	1.2	0.9	0.9	1.4	1.0	1.1	0.9	0.9	0.5	1.4	1.0	1.2	1.0	1.1	0.7
	Brahman Para	1.2	1.1	1.3	0.9	0.9	1.4	1.1	1.2	0.9	0.9	0.5	1.4	1.1	1.2	1.0	1.1	0.7
	Burichang	1.2	1.1	1.3	0.9	0.9	1.4	1.1	1.1	0.9	0.9	0.5	1.4	1.1	1.2	1.0	1.1	0.7
	Chandina	1.1	1.0	1.2	0.9	0.9	1.4	1.1	1.1	0.9	0.9	0.5	1.4	1.0	1.2	1.0	1.1	0.7
	Chauddagram	1.1	1.0	1.2	0.9	0.9	1.4	1.0	1.1	0.9	0.9	0.5	1.3	1.0	1.2	1.0	1.1	0.7
	Comilla Adarsha	1.1	1.0	1.2	0.9	0.9	1.4	1.1	1.1	0.9	0.9	0.5	1.4	1.0	1.2	1.0	1.1	0.7
	Daudkandi	1.1	1.0	1.2	0.9	0.9	1.4	1.1	1.1	0.9	0.9	0.5	1.3	1.0	1.2	1.0	1.1	0.7
	Debidwar	1.2	1.1	1.3	0.9	0.9	1.4	1.1	1.1	0.9	0.9	0.5	1.4	1.1	1.2	1.0	1.1	0.7
	Homna	1.2	1.1	1.3	0.9	0.9	1.4	1.1	1.2	0.9	1.0	0.5	1.3	1.1	1.2	1.0	1.2	0.8
	Laksam	1.1	1.0	1.2	0.9	0.9	1.4	1.0	1.1	0.9	0.9	0.5	1.3	1.0	1.1	1.0	1.1	0.7
	Meghna	1.2	1.1	1.2	0.9	0.9	1.4	1.1	1.1	0.9	1.0	0.5	1.3	1.1	1.2	1.0	1.1	0.7
	Manoharganj	1.1	1.0	1.2	0.9	0.9	1.3	1.0	1.1	0.9	0.9	0.5	1.3	1.0	1.1	1.0	1.1	0.7
	Muradnagar	1.2	1.1	1.3	0.9	0.9	1.4	1.1	1.2	0.9	1.0	0.5	1.4	1.1	1.2	1.0	1.2	0.8
	Nangalkot	1.1	1.0	1.2	0.9	0.9	1.3	1.0	1.1	0.9	0.8	0.5	1.3	1.0	1.1	1.0	1.1	0.7
	Comilla Sadar Dak	1.1	1.0	1.2	0.9	0.9	1.4	1.1	1.1	0.9	0.9	0.5	1.4	1.0	1.2	1.0	1.1	0.7
	Titas	1.2	1.1	1.2	0.9	0.9	1.4	1.1	1.1	0.9	0.9	0.5	1.3	1.1	1.2	1.0	1.1	0.7

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Cox'sBazar	Chakaria	0.6	0.7	1.1	0.7	0.5	1.0	0.9	1.0	1.0	0.7	0.2	0.9	0.8	0.8	0.8	0.9	0.5
	Cox's Bazar Sa	0.6	0.7	1.1	0.7	0.5	0.9	0.9	0.9	1.0	0.7	0.3	0.9	0.7	0.7	0.8	0.9	0.5
	Kutubdia	0.7	0.7	1.1	0.7	0.5	1.0	0.9	0.9	0.9	0.7	0.3	0.9	0.8	0.8	0.8	0.9	0.5
	Maheshkhali	0.6	0.6	1.1	0.7	0.5	0.9	0.8	0.9	1.0	0.7	0.2	0.9	0.7	0.7	0.7	0.9	0.5
	Pekua	0.7	0.7	1.1	0.7	0.5	1.0	0.9	0.9	1.0	0.7	0.2	0.9	0.8	0.8	0.8	0.9	0.5
	Ramu	0.6	0.7	1.1	0.7	0.5	0.9	0.9	0.9	1.0	0.7	0.3	0.9	0.8	0.7	0.8	0.9	0.5
	Teknaf	0.5	0.7	1.0	0.7	0.6	1.0	0.9	0.9	0.9	0.7	0.4	0.9	0.8	0.7	0.7	0.9	0.5
	Ukhia	0.5	0.7	1.0	0.7	0.5	0.9	0.9	0.9	1.0	0.7	0.3	0.9	0.8	0.7	0.7	0.9	0.5
Dhaka	Dhamrai	1.3	1.2	1.3	1.0	0.9	1.5	1.2	1.2	0.9	1.0	0.5	1.3	1.1	1.3	1.1	1.2	0.8
	Dohar	1.1	1.1	1.2	0.9	0.7	1.4	1.1	1.1	0.9	1.0	0.5	1.3	1.0	1.2	1.0	1.1	0.8
	Keraniganj	1.2	1.1	1.2	0.9	0.8	1.4	1.1	1.1	0.9	1.0	0.5	1.3	1.1	1.2	1.0	1.1	0.8
	Nawabganj	1.2	1.1	1.2	0.9	0.8	1.4	1.1	1.1	0.9	1.0	0.5	1.3	1.1	1.2	1.0	1.1	0.8
	Savar	1.2	1.2	1.3	1.0	0.9	1.5	1.2	1.2	0.9	1.0	0.5	1.3	1.1	1.2	1.0	1.2	0.8
Dinajpur	Birampur	1.7	1.4	1.4	1.2	1.7	1.5	1.3	1.2	1.0	1.0	0.8	1.7	1.3	1.6	1.4	1.2	0.9
	Birganj	1.8	1.4	1.5	1.3	1.9	1.5	1.3	1.1	0.8	0.8	1.0	1.9	1.4	1.7	1.6	1.2	0.9
	Biral	1.8	1.4	1.5	1.3	1.9	1.5	1.3	1.2	0.9	0.9	0.9	1.9	1.4	1.7	1.6	1.2	0.9
	Bochaganj	1.8	1.4	1.5	1.3	2.0	1.5	1.3	1.2	0.9	0.9	0.9	1.9	1.4	1.7	1.6	1.2	0.9
	Chirirbandar	1.8	1.4	1.5	1.3	1.9	1.5	1.3	1.2	0.9	0.9	0.9	1.8	1.4	1.7	1.5	1.2	0.9
	Dinajpur Sadar	1.8	1.4	1.5	1.3	1.9	1.5	1.3	1.2	0.9	0.9	0.9	1.8	1.4	1.7	1.6	1.2	0.9
	Fulbari	1.8	1.4	1.5	1.2	1.8	1.5	1.3	1.2	0.9	0.9	0.9	1.7	1.3	1.6	1.5	1.2	0.9
	Ghoraghat	1.7	1.4	1.4	1.1	1.6	1.5	1.3	1.2	1.0	1.0	0.8	1.6	1.3	1.6	1.4	1.2	0.9
	Hakimpur	1.7	1.4	1.4	1.1	1.6	1.5	1.3	1.2	1.0	1.0	0.8	1.6	1.3	1.6	1.4	1.2	0.9
	Kaharole	1.8	1.4	1.5	1.3	1.9	1.5	1.3	1.2	0.8	0.9	0.9	1.9	1.4	1.7	1.6	1.2	0.9
	Khansama	1.8	1.4	1.5	1.3	1.9	1.5	1.3	1.2	0.8	0.9	1.0	1.8	1.4	1.7	1.5	1.2	0.9
	Nawabganj	1.8	1.4	1.4	1.2	1.7	1.5	1.3	1.2	1.0	1.0	0.8	1.7	1.3	1.6	1.4	1.2	0.9
	Parbatipur	1.8	1.4	1.5	1.2	1.8	1.5	1.3	1.2	0.9	0.9	0.9	1.8	1.4	1.7	1.5	1.2	0.9
Faridpur	Alfadanga	1.1	1.0	1.1	0.9	0.6	1.3	1.1	1.0	0.8	0.9	0.6	1.3	1.0	1.1	0.9	1.1	0.7
	Bhanga	1.1	1.0	1.1	0.9	0.7	1.4	1.1	1.0	0.8	0.9	0.6	1.3	1.0	1.2	0.9	1.1	0.7
	Boalmari	1.2	1.0	1.1	0.9	0.6	1.4	1.1	1.1	0.8	0.9	0.6	1.3	1.0	1.2	0.9	1.1	0.7
	Char Bhadrasan	1.1	1.1	1.2	0.9	0.7	1.4	1.1	1.1	0.9	1.0	0.6	1.3	1.0	1.2	0.9	1.1	0.8
	Faridpur Sadar	1.2	1.1	1.2	0.9	0.7	1.4	1.1	1.1	0.9	1.0	0.6	1.3	1.0	1.2	0.9	1.1	0.8
	Madhukhali	1.2	1.0	1.1	0.9	0.7	1.4	1.1	1.1	0.8	0.9	0.6	1.3	1.0	1.2	0.9	1.1	0.7
	Nagarkanda	1.1	1.0	1.1	0.9	0.7	1.4	1.1	1.1	0.8	0.9	0.6	1.3	1.0	1.2	0.9	1.1	0.7
	Sadarpur	1.1	1.1	1.2	0.9	0.7	1.4	1.1	1.1	0.9	0.9	0.6	1.3	1.0	1.2	0.9	1.1	0.8
	Saltha	1.1	1.0	1.1	0.9	0.7	1.4	1.1	1.1	0.8	0.9	0.6	1.3	1.0	1.2	0.9	1.1	0.7
Feni	Chhagalnaiya	1.1	1.0	1.2	0.9	0.9	1.3	1.0	1.1	0.9	0.8	0.4	1.3	1.0	1.2	1.0	1.1	0.6
	Daganbhuiyan	1.1	1.0	1.2	0.9	0.9	1.3	1.0	1.0	0.9	0.8	0.5	1.3	1.0	1.1	1.0	1.1	0.6
	Feni Sadar	1.1	1.0	1.2	0.9	0.9	1.3	1.0	1.1	0.9	0.8	0.4	1.3	1.0	1.1	1.0	1.1	0.6

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	Fulgazi	1.1	1.0	1.2	0.9	0.9	1.3	1.0	1.1	0.9	0.8	0.5	1.3	1.0	1.2	1.0	1.1	0.7
	Parshuram	1.1	1.0	1.2	0.9	1.0	1.4	1.0	1.1	0.9	0.9	0.5	1.4	1.0	1.2	1.0	1.1	0.7
	Sonagazi	1.1	1.0	1.2	0.9	0.9	1.3	1.0	1.0	0.9	0.8	0.4	1.3	1.0	1.1	1.0	1.0	0.6
Gaibandha	Gaibandha Sadar	1.8	1.4	1.4	1.1	1.5	1.5	1.3	1.3	1.0	1.0	0.8	1.5	1.3	1.6	1.3	1.2	0.9
	Gobindaganj	1.7	1.4	1.4	1.1	1.5	1.5	1.3	1.3	1.0	1.0	0.8	1.5	1.3	1.5	1.3	1.3	0.9
	Palashbari	1.7	1.4	1.4	1.1	1.5	1.5	1.3	1.3	1.0	1.0	0.8	1.5	1.3	1.6	1.3	1.3	0.9
	Fulchhari	1.7	1.4	1.4	1.1	1.4	1.5	1.3	1.3	1.0	1.0	0.8	1.5	1.3	1.5	1.3	1.3	0.9
	Sadullapur	1.8	1.4	1.4	1.1	1.6	1.5	1.3	1.2	1.0	1.0	0.8	1.6	1.3	1.6	1.4	1.2	0.9
	Saghatta	1.7	1.4	1.4	1.1	1.4	1.5	1.3	1.3	1.0	1.0	0.8	1.5	1.3	1.5	1.3	1.3	0.9
	Sundarganj	1.8	1.4	1.4	1.1	1.6	1.5	1.3	1.2	1.0	1.0	0.8	1.6	1.3	1.6	1.4	1.2	0.9
Gazipur	Gazipur Sadar	1.3	1.2	1.3	1.0	1.0	1.5	1.2	1.2	1.0	1.0	0.5	1.3	1.1	1.3	1.1	1.2	0.8
	Kaliganj	1.3	1.2	1.3	1.0	1.0	1.5	1.2	1.2	1.0	1.0	0.5	1.3	1.1	1.3	1.1	1.2	0.8
	Kaliakair	1.3	1.2	1.3	1.0	1.0	1.5	1.2	1.2	1.0	1.0	0.5	1.3	1.1	1.3	1.1	1.2	0.8
	Kapasia	1.3	1.2	1.3	1.0	1.0	1.5	1.2	1.2	1.0	1.0	0.6	1.3	1.1	1.3	1.1	1.2	0.8
	Sreepur	1.4	1.2	1.3	1.0	1.0	1.5	1.2	1.2	1.0	1.0	0.6	1.3	1.1	1.3	1.1	1.2	0.8
Gopalganj	Gopalganj Sadar	1.1	0.9	1.1	0.9	0.6	1.3	1.0	1.0	0.8	0.9	0.6	1.3	0.9	1.1	0.8	1.0	0.7
	Kashiani	1.1	1.0	1.1	0.9	0.6	1.3	1.0	1.0	0.8	0.9	0.6	1.3	1.0	1.1	0.9	1.0	0.7
	Kotali Para	1.1	1.0	1.1	0.9	0.6	1.2	1.0	0.9	0.8	0.9	0.6	1.3	0.9	1.1	0.8	1.0	0.7
	Muksudpur	1.1	1.0	1.1	0.9	0.6	1.3	1.0	1.0	0.8	0.9	0.6	1.3	1.0	1.1	0.9	1.1	0.7
	Tungi Para	1.1	0.9	1.1	0.9	0.6	1.2	1.0	0.9	0.8	0.9	0.6	1.3	0.9	1.1	0.8	1.0	0.8
Habiganj	Ajmiriganj	1.3	1.2	1.3	1.1	1.2	1.4	1.2	1.3	1.1	1.1	0.6	1.4	1.2	1.3	1.2	1.3	0.9
	Bahubal	1.3	1.2	1.4	1.1	1.2	1.4	1.2	1.3	1.1	1.1	0.7	1.4	1.2	1.3	1.2	1.2	0.9
	Baniachong	1.3	1.2	1.3	1.1	1.2	1.4	1.2	1.3	1.1	1.1	0.6	1.4	1.2	1.3	1.2	1.3	0.9
	Chunarughat	1.3	1.2	1.4	1.1	1.1	1.5	1.2	1.3	1.0	1.0	0.6	1.4	1.2	1.3	1.2	1.2	0.8
	Habiganj Sadar	1.3	1.2	1.4	1.1	1.1	1.4	1.2	1.3	1.1	1.1	0.6	1.4	1.2	1.3	1.2	1.2	0.9
	Lakhai	1.3	1.2	1.3	1.1	1.1	1.4	1.2	1.3	1.0	1.0	0.6	1.4	1.2	1.3	1.2	1.2	0.8
	Madhabpur	1.3	1.2	1.4	1.0	1.1	1.5	1.2	1.2	1.0	1.0	0.6	1.4	1.2	1.3	1.2	1.2	0.8
	Nabiganj	1.3	1.2	1.4	1.1	1.2	1.4	1.2	1.3	1.1	1.1	0.7	1.4	1.2	1.3	1.2	1.3	0.9
Jamalpur	Bakshiganj	1.7	1.4	1.4	1.1	1.4	1.5	1.3	1.3	1.0	1.0	0.7	1.4	1.3	1.5	1.3	1.3	0.9
	Dewanganj	1.8	1.4	1.4	1.1	1.4	1.5	1.3	1.3	1.0	1.0	0.8	1.4	1.3	1.5	1.3	1.3	0.9
	Islampur	1.7	1.4	1.4	1.1	1.3	1.5	1.3	1.3	1.0	1.0	0.7	1.4	1.3	1.5	1.3	1.3	0.9
	Jamalpur Sadar	1.6	1.4	1.3	1.1	1.2	1.5	1.3	1.3	1.0	1.0	0.7	1.3	1.2	1.4	1.2	1.3	0.9
	Madarganj	1.6	1.4	1.3	1.1	1.3	1.5	1.3	1.3	1.0	1.0	0.7	1.4	1.2	1.5	1.2	1.3	0.9
	Melandaha	1.7	1.4	1.3	1.1	1.3	1.5	1.3	1.3	1.0	1.0	0.7	1.4	1.2	1.5	1.2	1.3	0.9
	Sharishabari	1.6	1.3	1.3	1.1	1.2	1.5	1.3	1.3	1.0	1.0	0.6	1.3	1.2	1.4	1.2	1.3	0.8
Jessore	Abhaynagar	1.1	0.9	1.0	0.9	0.5	1.2	1.0	1.0	0.8	0.9	0.6	1.3	0.9	1.1	0.8	1.0	0.7
	Bagher Para	1.2	0.9	1.0	0.9	0.6	1.3	1.1	1.0	0.8	0.9	0.6	1.4	1.0	1.1	0.8	1.0	0.7
	Chaugachha	1.2	0.9	1.0	0.9	0.6	1.3	1.1	1.0	0.8	0.8	0.6	1.4	1.0	1.1	0.8	1.1	0.7

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	Sadar	1.2	0.9	1.0	0.9	0.6	1.3	1.1	1.0	0.8	0.9	0.6	1.4	1.0	1.1	0.8	1.0	0.7
	Jhikargachha	1.2	0.9	1.0	0.9	0.5	1.2	1.1	1.0	0.7	0.8	0.6	1.4	0.9	1.1	0.8	1.0	0.7
	Keshabpur	1.1	0.9	1.0	0.9	0.5	1.1	1.0	0.9	0.7	0.8	0.6	1.3	0.9	1.1	0.8	1.0	0.7
	Manirampur	1.1	0.9	1.0	0.9	0.5	1.2	1.1	1.0	0.7	0.8	0.6	1.3	0.9	1.1	0.8	1.0	0.7
	Sharsha	1.2	0.8	1.0	0.9	0.5	1.2	1.1	1.0	0.7	0.8	0.6	1.4	0.9	1.1	0.8	1.0	0.7
Jhalokati	Jhalokati Sadar	1.0	0.9	1.1	0.9	0.5	1.1	0.9	0.9	0.8	0.8	0.6	1.3	0.9	1.1	0.8	0.9	0.7
	Kanthalia	0.9	0.8	1.1	0.9	0.4	1.0	0.9	0.8	0.7	0.8	0.6	1.2	0.8	1.0	0.8	0.9	0.7
	Nalchity	1.0	0.8	1.1	0.9	0.5	1.1	0.9	0.9	0.8	0.8	0.6	1.3	0.9	1.0	0.8	0.9	0.7
	Rajapur	1.0	0.8	1.1	0.9	0.5	1.1	0.9	0.8	0.7	0.8	0.6	1.3	0.9	1.0	0.8	0.9	0.7
Jhenaidah	Harinakunda	1.3	0.9	1.1	1.0	0.7	1.4	1.2	1.1	0.8	0.9	0.6	1.4	1.0	1.2	0.9	1.1	0.7
	Jhenaidah Sadar	1.2	0.9	1.1	1.0	0.6	1.4	1.1	1.1	0.8	0.9	0.6	1.4	1.0	1.2	0.9	1.1	0.7
	Kaliganj	1.2	0.9	1.0	1.0	0.6	1.3	1.1	1.1	0.8	0.9	0.6	1.4	1.0	1.2	0.9	1.1	0.7
	Kotchandpur	1.3	0.9	1.0	1.0	0.6	1.4	1.2	1.1	0.8	0.9	0.6	1.4	1.0	1.2	0.9	1.1	0.7
	Maheshpur	1.2	0.9	1.0	1.0	0.5	1.3	1.1	1.1	0.8	0.8	0.6	1.4	1.0	1.2	0.8	1.1	0.7
	Shailkupa	1.3	1.0	1.1	1.0	0.7	1.4	1.2	1.1	0.8	0.9	0.6	1.4	1.0	1.2	0.9	1.1	0.7
Joypurhat	Akkelpur	1.7	1.3	1.4	1.1	1.4	1.5	1.3	1.2	1.0	1.0	0.8	1.6	1.3	1.5	1.3	1.2	0.9
	Joypurhat Sadar	1.7	1.4	1.4	1.1	1.5	1.5	1.3	1.2	1.0	1.0	0.8	1.6	1.3	1.5	1.3	1.2	0.9
	Kalai	1.7	1.4	1.4	1.1	1.5	1.5	1.3	1.3	1.0	1.0	0.8	1.5	1.3	1.5	1.3	1.3	0.9
	Khetlal	1.7	1.3	1.4	1.1	1.5	1.5	1.3	1.3	1.0	1.0	0.8	1.6	1.3	1.5	1.3	1.2	0.9
	Panchbibi	1.7	1.4	1.4	1.1	1.6	1.5	1.3	1.2	1.0	1.0	0.8	1.6	1.3	1.6	1.4	1.2	0.9
Khagrachhari	Dighinala	1.2	1.2	1.4	0.9	1.1	1.4	1.1	1.2	0.9	0.9	0.5	1.5	1.1	1.3	1.1	1.2	0.7
	Khagrachhari Sa	1.2	1.1	1.3	0.9	1.1	1.4	1.1	1.2	0.9	0.9	0.4	1.4	1.1	1.2	1.1	1.1	0.6
	Lakshmichhari	1.1	1.0	1.3	0.9	1.0	1.3	1.0	1.1	0.9	0.8	0.4	1.3	1.0	1.2	1.0	1.1	0.6
	Mahalchhari	1.2	1.1	1.3	0.9	1.1	1.3	1.0	1.2	0.9	0.8	0.4	1.4	1.0	1.2	1.1	1.1	0.6
	Manikchhari	1.1	1.1	1.3	0.9	1.0	1.3	1.0	1.1	0.9	0.8	0.4	1.3	1.0	1.2	1.0	1.1	0.6
	Matiranga	1.2	1.1	1.3	0.9	1.0	1.4	1.0	1.2	0.9	0.9	0.4	1.4	1.1	1.2	1.1	1.1	0.6
	Panchhari	1.2	1.1	1.3	0.9	1.1	1.4	1.1	1.2	0.9	0.9	0.5	1.5	1.1	1.3	1.1	1.2	0.7
	Ramgarh	1.2	1.1	1.3	0.9	1.0	1.3	1.0	1.1	0.9	0.8	0.4	1.3	1.0	1.2	1.0	1.1	0.6
Khulna	Batiaghata	1.0	0.8	1.0	0.9	0.5	1.1	1.0	0.9	0.7	0.8	0.6	1.3	0.9	1.1	0.8	0.9	0.7
	Dacope	0.9	0.7	1.0	0.9	0.3	0.9	0.9	0.8	0.6	0.8	0.5	1.2	0.8	0.9	0.8	0.8	0.7
	Dighalia	1.1	0.9	1.0	0.9	0.5	1.2	1.0	0.9	0.8	0.9	0.6	1.3	0.9	1.1	0.8	1.0	0.7
	Dumuria	1.1	0.9	1.0	0.9	0.5	1.1	1.0	0.9	0.7	0.8	0.6	1.3	0.9	1.1	0.8	0.9	0.7
	Koyra	0.8	0.6	1.0	0.9	0.3	0.9	0.8	0.8	0.6	0.8	0.5	1.2	0.8	0.8	0.7	0.8	0.6
	Phultala	1.1	0.9	1.0	0.9	0.5	1.2	1.0	1.0	0.7	0.9	0.6	1.3	0.9	1.1	0.8	1.0	0.7
	Paikgachha	1.0	0.8	1.0	0.9	0.4	1.0	1.0	0.9	0.7	0.8	0.6	1.3	0.9	1.0	0.8	0.9	0.7
	Rupsa	1.1	0.9	1.1	0.9	0.5	1.1	1.0	0.9	0.7	0.9	0.6	1.3	0.9	1.1	0.8	0.9	0.7
	Terokhada	1.1	0.9	1.1	0.9	0.5	1.2	1.0	0.9	0.8	0.9	0.6	1.3	0.9	1.1	0.8	1.0	0.7
Kishoreganj	Austagram	1.3	1.2	1.3	1.1	1.1	1.4	1.2	1.2	1.0	1.0	0.6	1.4	1.2	1.3	1.2	1.2	0.8

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	Bajitpur	1.3	1.2	1.3	1.1	1.1	1.5	1.2	1.2	1.0	1.0	0.6	1.4	1.2	1.3	1.2	1.2	0.8
	Bhairab	1.3	1.2	1.3	1.0	1.1	1.5	1.2	1.2	1.0	1.0	0.6	1.4	1.1	1.3	1.1	1.2	0.8
	Hossainpur	1.4	1.3	1.3	1.1	1.1	1.5	1.2	1.3	1.0	1.0	0.6	1.3	1.2	1.3	1.2	1.2	0.8
	Itna	1.4	1.2	1.3	1.1	1.2	1.4	1.2	1.3	1.1	1.1	0.6	1.4	1.2	1.3	1.2	1.3	0.9
	Karimganj	1.4	1.2	1.3	1.1	1.1	1.4	1.2	1.3	1.1	1.1	0.6	1.4	1.2	1.3	1.2	1.2	0.8
	Katiadi	1.4	1.2	1.3	1.1	1.1	1.5	1.2	1.2	1.0	1.0	0.6	1.3	1.2	1.3	1.2	1.2	0.8
	Kishoreganj Sad	1.4	1.2	1.3	1.1	1.1	1.5	1.2	1.3	1.0	1.0	0.6	1.3	1.2	1.3	1.2	1.2	0.8
	Kuliar Char	1.3	1.2	1.3	1.0	1.1	1.5	1.2	1.2	1.0	1.0	0.6	1.3	1.2	1.3	1.1	1.2	0.8
	Mithamain	1.3	1.2	1.3	1.1	1.1	1.4	1.2	1.3	1.1	1.1	0.6	1.4	1.2	1.3	1.2	1.2	0.8
	Nikli	1.4	1.2	1.3	1.1	1.1	1.5	1.2	1.2	1.0	1.0	0.6	1.4	1.2	1.3	1.2	1.2	0.8
	Pakundia	1.4	1.2	1.3	1.1	1.1	1.5	1.2	1.2	1.0	1.0	0.6	1.3	1.2	1.3	1.2	1.2	0.8
	Tarail	1.4	1.2	1.3	1.1	1.1	1.4	1.2	1.3	1.1	1.1	0.6	1.4	1.2	1.3	1.2	1.3	0.8
Kurigram	Bhurungamari	1.9	1.5	1.3	1.1	1.6	1.5	1.2	1.1	0.8	0.9	1.0	1.7	1.3	1.7	1.3	1.2	0.9
	Char Rajibpur	1.8	1.4	1.4	1.1	1.5	1.5	1.3	1.3	1.0	1.0	0.8	1.5	1.3	1.6	1.3	1.2	0.9
	Chilmari	1.9	1.4	1.4	1.1	1.5	1.5	1.3	1.2	1.0	1.0	0.8	1.5	1.3	1.6	1.4	1.2	0.9
	Kurigram Sada	1.9	1.5	1.4	1.1	1.6	1.5	1.3	1.2	0.9	0.9	0.9	1.6	1.3	1.7	1.4	1.2	0.9
	Nageshwari	1.9	1.5	1.3	1.1	1.6	1.5	1.3	1.2	0.9	0.9	1.0	1.6	1.3	1.7	1.3	1.2	0.9
	Phulbari	1.9	1.5	1.4	1.1	1.6	1.5	1.3	1.2	0.9	0.9	1.0	1.7	1.3	1.7	1.4	1.2	0.9
	Rajarhat	1.9	1.5	1.4	1.2	1.6	1.5	1.3	1.2	0.9	0.9	0.9	1.6	1.3	1.7	1.4	1.2	0.9
	Raumari	1.9	1.5	1.4	1.1	1.5	1.5	1.3	1.2	1.0	1.0	0.8	1.5	1.3	1.6	1.3	1.2	0.9
	Ulipur	1.9	1.5	1.4	1.2	1.6	1.5	1.3	1.2	0.9	1.0	0.9	1.6	1.3	1.6	1.4	1.2	0.9
Kushtia	Bheramara	1.5	1.1	1.2	1.1	0.9	1.5	1.2	1.2	0.9	0.9	0.6	1.4	1.1	1.3	1.1	1.2	0.7
	Daulatpur	1.5	1.1	1.2	1.2	0.9	1.5	1.2	1.2	0.8	0.9	0.6	1.4	1.1	1.3	1.1	1.2	0.7
	Khoksa	1.3	1.0	1.2	1.0	0.8	1.5	1.2	1.2	0.9	0.9	0.5	1.4	1.1	1.2	1.0	1.2	0.7
	Kumarkhali	1.4	1.0	1.2	1.1	0.8	1.5	1.2	1.2	0.9	0.9	0.5	1.4	1.1	1.3	1.0	1.2	0.7
	Kushtia Sadar	1.4	1.0	1.1	1.1	0.8	1.5	1.2	1.2	0.8	0.9	0.6	1.4	1.1	1.2	1.0	1.2	0.7
	Mirpur	1.4	1.0	1.1	1.1	0.8	1.5	1.2	1.2	0.8	0.9	0.6	1.4	1.1	1.3	1.0	1.2	0.7
Lakshmipur	Kamalnagar	1.1	0.9	1.1	0.9	0.7	1.2	0.9	1.0	0.8	0.8	0.5	1.3	0.9	1.1	0.9	1.0	0.7
	Lakshmipur Sad	1.1	1.0	1.1	0.9	0.8	1.3	1.0	1.0	0.8	0.8	0.5	1.3	1.0	1.1	0.9	1.0	0.7
	Roypur	1.1	1.0	1.1	0.9	0.7	1.3	1.0	1.0	0.8	0.9	0.5	1.3	1.0	1.1	0.9	1.0	0.7
	Ramganj	1.1	1.0	1.2	0.9	0.8	1.3	1.0	1.0	0.9	0.9	0.5	1.3	1.0	1.1	0.9	1.1	0.7
	Ramgati	1.0	0.9	1.1	0.9	0.7	1.2	0.9	0.9	0.8	0.8	0.5	1.2	0.9	1.0	0.9	1.0	0.6
Lalmonirhat	Aditmari	1.9	1.5	1.4	1.2	1.7	1.5	1.3	1.2	0.8	0.9	1.0	1.7	1.3	1.7	1.4	1.2	0.9
	Hatibandha	1.9	1.5	1.4	1.2	1.8	1.5	1.3	1.1	0.8	0.8	1.0	1.8	1.3	1.7	1.4	1.2	0.9
	Kaliganj	1.9	1.5	1.4	1.2	1.7	1.5	1.3	1.2	0.8	0.9	1.0	1.8	1.3	1.7	1.4	1.2	0.9
	Lalmonirhat Sad	1.9	1.5	1.4	1.2	1.7	1.5	1.3	1.2	0.9	0.9	0.9	1.7	1.3	1.7	1.4	1.2	0.9
	Patgram	1.9	1.5	1.4	1.2	1.8	1.5	1.3	1.1	0.7	0.8	1.0	1.9	1.3	1.8	1.5	1.1	0.9
Madaripur	Kalkini	1.1	1.0	1.1	0.9	0.6	1.3	1.0	1.0	0.8	0.9	0.6	1.3	1.0	1.1	0.9	1.0	0.7

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	Madaripur Sad	1.1	1.0	1.1	0.9	0.7	1.3	1.0	1.0	0.8	0.9	0.6	1.3	1.0	1.1	0.9	1.0	0.7
	Rajoir	1.1	1.0	1.1	0.9	0.6	1.3	1.0	1.0	0.8	0.9	0.6	1.3	1.0	1.1	0.9	1.0	0.7
	Shib Char	1.1	1.0	1.1	0.9	0.7	1.4	1.1	1.0	0.8	0.9	0.6	1.3	1.0	1.2	0.9	1.1	0.7
Magura	Magura Sadar	1.2	1.0	1.1	0.9	0.6	1.4	1.1	1.1	0.8	0.9	0.6	1.4	1.0	1.2	0.9	1.1	0.7
	Mohammadpur	1.2	1.0	1.1	0.9	0.6	1.4	1.1	1.1	0.8	0.9	0.6	1.3	1.0	1.2	0.9	1.1	0.7
	Shalikha	1.2	0.9	1.1	0.9	0.6	1.3	1.1	1.0	0.8	0.9	0.6	1.4	1.0	1.2	0.9	1.1	0.7
	Sreepur	1.2	1.0	1.1	1.0	0.7	1.4	1.1	1.1	0.8	0.9	0.6	1.3	1.0	1.2	0.9	1.1	0.7
Manikganj	Daulatpur	1.3	1.2	1.2	1.0	0.9	1.5	1.2	1.2	0.9	1.0	0.5	1.3	1.1	1.3	1.1	1.2	0.8
	Ghior	1.3	1.2	1.2	1.0	0.8	1.5	1.2	1.2	0.9	1.0	0.5	1.3	1.1	1.2	1.0	1.2	0.8
	Harirampur	1.2	1.1	1.2	1.0	0.8	1.4	1.1	1.1	0.9	1.0	0.5	1.3	1.1	1.2	1.0	1.1	0.8
	Manikganj Sad	1.2	1.2	1.2	1.0	0.8	1.5	1.2	1.2	0.9	1.0	0.5	1.3	1.1	1.2	1.0	1.2	0.8
	Saturia	1.3	1.2	1.3	1.0	0.9	1.5	1.2	1.2	0.9	1.0	0.5	1.3	1.1	1.3	1.1	1.2	0.8
	Shibalaya	1.3	1.1	1.2	1.0	0.8	1.5	1.2	1.2	0.9	1.0	0.5	1.3	1.1	1.2	1.0	1.2	0.8
	Singair	1.2	1.1	1.2	1.0	0.8	1.4	1.1	1.2	0.9	1.0	0.5	1.3	1.1	1.2	1.0	1.2	0.8
Maulvibazar	Barlekha	1.3	1.3	1.4	1.2	1.3	1.4	1.2	1.3	1.2	1.2	0.7	1.5	1.3	1.4	1.3	1.3	0.9
	Juri	1.3	1.3	1.4	1.2	1.3	1.4	1.2	1.3	1.2	1.1	0.7	1.5	1.2	1.4	1.3	1.3	0.9
	Kamalganj	1.3	1.3	1.4	1.1	1.2	1.4	1.2	1.3	1.1	1.1	0.7	1.5	1.2	1.4	1.2	1.3	0.9
	Kulaura	1.3	1.3	1.4	1.1	1.2	1.4	1.2	1.3	1.1	1.1	0.7	1.5	1.2	1.4	1.3	1.3	0.9
	Maulvi Bazar Sa	1.3	1.2	1.4	1.1	1.2	1.4	1.2	1.3	1.1	1.1	0.7	1.5	1.2	1.3	1.2	1.3	0.9
	Rajnagar	1.3	1.3	1.4	1.2	1.2	1.4	1.2	1.3	1.2	1.1	0.7	1.5	1.2	1.4	1.3	1.3	0.9
	Sreemangal	1.3	1.3	1.4	1.1	1.2	1.4	1.2	1.3	1.1	1.1	0.7	1.5	1.2	1.3	1.2	1.2	0.9
Meherpur	Gangni	1.4	1.0	1.1	1.1	0.8	1.5	1.2	1.2	0.8	0.9	0.6	1.4	1.1	1.3	1.0	1.2	0.7
	Meherpur Sadar	1.4	0.9	1.1	1.1	0.7	1.4	1.2	1.2	0.8	0.9	0.6	1.4	1.1	1.2	1.0	1.2	0.7
	Mujib Nagar	1.4	0.9	1.1	1.1	0.6	1.4	1.2	1.1	0.8	0.8	0.6	1.4	1.0	1.2	0.9	1.1	0.7
Munshiganj	Gazaria	1.1	1.1	1.2	0.9	0.8	1.4	1.1	1.1	0.9	0.9	0.5	1.3	1.0	1.2	1.0	1.1	0.7
	Lohajang	1.1	1.0	1.2	0.9	0.8	1.4	1.1	1.1	0.9	0.9	0.5	1.3	1.0	1.2	0.9	1.1	0.7
	Munshiganj Sada	1.1	1.0	1.2	0.9	0.8	1.4	1.1	1.1	0.9	0.9	0.5	1.3	1.0	1.2	1.0	1.1	0.7
	Serajdikhan	1.1	1.1	1.2	0.9	0.8	1.4	1.1	1.1	0.9	1.0	0.5	1.3	1.0	1.2	1.0	1.1	0.8
	Sreenagar	1.1	1.1	1.2	0.9	0.8	1.4	1.1	1.1	0.9	1.0	0.5	1.3	1.0	1.2	1.0	1.1	0.8
	Tongibari	1.1	1.0	1.2	0.9	0.8	1.4	1.1	1.1	0.9	0.9	0.5	1.3	1.0	1.2	1.0	1.1	0.7
Mymensingh	Bhaluka	1.4	1.3	1.3	1.1	1.1	1.5	1.2	1.2	1.0	1.0	0.6	1.3	1.2	1.3	1.1	1.2	0.8
	Dhobaura	1.6	1.3	1.3	1.1	1.3	1.4	1.3	1.3	1.1	1.1	0.7	1.4	1.2	1.4	1.2	1.3	0.9
	Fulbaria	1.5	1.3	1.3	1.1	1.1	1.5	1.2	1.3	1.0	1.0	0.6	1.3	1.2	1.4	1.2	1.2	0.8
	Gaffargaon	1.4	1.3	1.3	1.1	1.1	1.5	1.2	1.2	1.0	1.0	0.6	1.3	1.2	1.3	1.2	1.2	0.8
	Gauripur	1.5	1.3	1.3	1.1	1.2	1.4	1.2	1.3	1.1	1.1	0.6	1.3	1.2	1.4	1.2	1.3	0.9
	Haluaghat	1.6	1.4	1.3	1.1	1.3	1.4	1.3	1.3	1.1	1.1	0.7	1.4	1.2	1.4	1.2	1.3	0.9
	Ishwarganj	1.5	1.3	1.3	1.1	1.2	1.5	1.2	1.3	1.1	1.1	0.6	1.3	1.2	1.4	1.2	1.3	0.8
	Muktagachha	1.6	1.3	1.3	1.1	1.2	1.5	1.2	1.3	1.0	1.0	0.6	1.3	1.2	1.4	1.2	1.3	0.8

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	Mymensingh Sad	1.5	1.3	1.3	1.1	1.2	1.5	1.2	1.3	1.1	1.1	0.6	1.3	1.2	1.4	1.2	1.3	0.9
	Nandail	1.4	1.3	1.3	1.1	1.1	1.5	1.2	1.3	1.1	1.1	0.6	1.3	1.2	1.3	1.2	1.2	0.8
	Phulpur	1.6	1.3	1.3	1.1	1.2	1.4	1.3	1.3	1.1	1.1	0.7	1.4	1.2	1.4	1.2	1.3	0.9
	Tarakanda	1.5	1.3	1.3	1.1	1.2	1.4	1.2	1.3	1.1	1.1	0.7	1.3	1.2	1.4	1.2	1.3	0.9
	Trishal	1.5	1.3	1.3	1.1	1.1	1.5	1.2	1.3	1.0	1.0	0.6	1.3	1.2	1.4	1.2	1.2	0.8
Naogaon	Atrai	1.6	1.2	1.3	1.1	1.3	1.5	1.3	1.2	0.9	0.9	0.7	1.5	1.2	1.4	1.2	1.2	0.8
	Badalgachhi	1.7	1.3	1.4	1.1	1.5	1.5	1.3	1.2	1.0	1.0	0.8	1.6	1.3	1.5	1.3	1.2	0.9
	Dhamoirhat	1.7	1.3	1.4	1.1	1.6	1.5	1.3	1.2	1.0	1.0	0.8	1.7	1.3	1.6	1.4	1.2	0.9
	Manda	1.6	1.2	1.3	1.2	1.4	1.5	1.3	1.2	0.9	0.9	0.7	1.6	1.2	1.5	1.3	1.2	0.8
	Mahadebpur	1.6	1.3	1.4	1.2	1.5	1.5	1.3	1.2	1.0	0.9	0.8	1.6	1.3	1.5	1.3	1.2	0.9
	Naogaon Sadar	1.6	1.3	1.3	1.1	1.4	1.5	1.3	1.2	0.9	0.9	0.7	1.6	1.2	1.5	1.3	1.2	0.8
	Niamatpur	1.6	1.2	1.4	1.2	1.5	1.5	1.3	1.2	0.9	0.9	0.8	1.7	1.3	1.5	1.3	1.2	0.8
	Patnitala	1.7	1.3	1.4	1.2	1.6	1.5	1.3	1.2	1.0	0.9	0.8	1.7	1.3	1.6	1.4	1.2	0.9
	Porsha	1.6	1.3	1.4	1.2	1.6	1.5	1.3	1.2	1.0	0.9	0.8	1.7	1.3	1.5	1.4	1.2	0.9
	Raninagar	1.6	1.3	1.3	1.1	1.3	1.5	1.3	1.2	0.9	0.9	0.7	1.5	1.2	1.5	1.3	1.2	0.8
	Sapahar	1.7	1.3	1.4	1.2	1.7	1.5	1.3	1.2	1.0	0.9	0.8	1.7	1.3	1.6	1.4	1.2	0.9
Narail	Kalia	1.1	0.9	1.1	0.9	0.6	1.2	1.0	1.0	0.8	0.9	0.6	1.3	0.9	1.1	0.8	1.0	0.7
	Lohagara	1.1	0.9	1.1	0.9	0.6	1.3	1.1	1.0	0.8	0.9	0.6	1.3	1.0	1.1	0.8	1.0	0.7
	Narail Sadar	1.1	0.9	1.0	0.9	0.6	1.3	1.1	1.0	0.8	0.9	0.6	1.3	1.0	1.1	0.8	1.0	0.7
Narayanganj	Araihazar	1.2	1.1	1.3	1.0	0.9	1.4	1.1	1.2	0.9	1.0	0.5	1.3	1.1	1.2	1.0	1.2	0.8
	Bandar	1.2	1.1	1.2	0.9	0.8	1.4	1.1	1.1	0.9	1.0	0.5	1.3	1.1	1.2	1.0	1.1	0.8
	Narayanganj Sa	1.2	1.1	1.2	0.9	0.8	1.4	1.1	1.1	0.9	1.0	0.5	1.3	1.1	1.2	1.0	1.1	0.8
	Rupganj	1.2	1.1	1.3	1.0	0.9	1.4	1.1	1.2	0.9	1.0	0.5	1.3	1.1	1.2	1.0	1.2	0.8
	Sonargaon	1.2	1.1	1.2	0.9	0.9	1.4	1.1	1.1	0.9	1.0	0.5	1.3	1.1	1.2	1.0	1.1	0.8
Narsingdi	Belabo	1.3	1.2	1.3	1.0	1.0	1.5	1.2	1.2	1.0	1.0	0.6	1.3	1.1	1.3	1.1	1.2	0.8
	Manohardi	1.3	1.2	1.3	1.0	1.0	1.5	1.2	1.2	1.0	1.0	0.6	1.3	1.1	1.3	1.1	1.2	0.8
	Narsingdi Sada	1.2	1.2	1.3	1.0	0.9	1.4	1.1	1.2	1.0	1.0	0.6	1.3	1.1	1.2	1.1	1.2	0.8
	Palash	1.3	1.2	1.3	1.0	1.0	1.5	1.2	1.2	1.0	1.0	0.6	1.3	1.1	1.3	1.1	1.2	0.8
	Roypura	1.3	1.2	1.3	1.0	1.0	1.5	1.2	1.2	1.0	1.0	0.6	1.3	1.1	1.3	1.1	1.2	0.8
	Shibpur	1.3	1.2	1.3	1.0	1.0	1.5	1.2	1.2	1.0	1.0	0.6	1.3	1.1	1.3	1.1	1.2	0.8
Natore	Bagati Para	1.5	1.1	1.2	1.2	1.1	1.5	1.2	1.2	0.9	0.9	0.6	1.4	1.2	1.4	1.2	1.2	0.8
	Baraigram	1.5	1.2	1.3	1.1	1.0	1.5	1.2	1.2	0.9	0.9	0.6	1.4	1.2	1.4	1.1	1.2	0.8
	Gurudaspur	1.5	1.2	1.3	1.1	1.1	1.5	1.2	1.2	0.9	0.9	0.6	1.4	1.2	1.4	1.2	1.2	0.8
	Lalpur	1.5	1.1	1.2	1.2	1.0	1.5	1.2	1.2	0.9	0.9	0.6	1.4	1.1	1.3	1.1	1.2	0.7
	Naldanga	1.6	1.2	1.3	1.1	1.2	1.5	1.3	1.2	0.9	0.9	0.7	1.5	1.2	1.4	1.2	1.2	0.8
	Natore Sadar	1.5	1.2	1.3	1.1	1.1	1.5	1.2	1.2	0.9	0.9	0.6	1.5	1.2	1.4	1.2	1.2	0.8
	Singra	1.6	1.2	1.3	1.1	1.2	1.5	1.2	1.2	0.9	0.9	0.7	1.4	1.2	1.4	1.2	1.2	0.8
Netrakona	Atpara	1.4	1.3	1.3	1.1	1.2	1.4	1.2	1.3	1.1	1.1	0.6	1.4	1.2	1.4	1.2	1.3	0.9

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	Barhatta	1.5	1.3	1.3	1.1	1.2	1.4	1.2	1.3	1.2	1.1	0.7	1.4	1.2	1.4	1.2	1.3	0.9
	Durgapur	1.5	1.3	1.3	1.1	1.3	1.4	1.3	1.3	1.2	1.1	0.7	1.4	1.2	1.4	1.2	1.3	0.9
	Kalmakanda	1.5	1.3	1.3	1.1	1.3	1.4	1.2	1.3	1.2	1.1	0.7	1.4	1.2	1.4	1.2	1.3	0.9
	Kendua	1.4	1.3	1.3	1.1	1.2	1.4	1.2	1.3	1.1	1.1	0.6	1.4	1.2	1.3	1.2	1.3	0.9
	Khaliajuri	1.4	1.2	1.3	1.1	1.2	1.4	1.2	1.3	1.1	1.1	0.6	1.4	1.2	1.3	1.2	1.3	0.9
	Madan	1.4	1.2	1.3	1.1	1.2	1.4	1.2	1.3	1.1	1.1	0.6	1.4	1.2	1.3	1.2	1.3	0.9
	Mohanganj	1.4	1.2	1.3	1.1	1.2	1.4	1.2	1.3	1.1	1.1	0.6	1.4	1.2	1.3	1.2	1.3	0.9
	Netrokona Sada	1.5	1.3	1.3	1.1	1.2	1.4	1.2	1.3	1.1	1.1	0.7	1.4	1.2	1.4	1.2	1.3	0.9
	Purbadhala	1.5	1.3	1.3	1.1	1.2	1.4	1.2	1.3	1.1	1.1	0.7	1.4	1.2	1.4	1.2	1.3	0.9
Nilphamari	Dimla	1.9	1.5	1.4	1.2	1.8	1.5	1.3	1.1	0.8	0.8	1.0	1.8	1.3	1.7	1.5	1.2	0.9
	Domar	1.9	1.5	1.4	1.2	1.8	1.5	1.3	1.1	0.8	0.8	1.0	1.9	1.3	1.7	1.5	1.2	0.9
	Jaldhaka	1.9	1.5	1.4	1.2	1.8	1.5	1.3	1.1	0.8	0.8	1.0	1.8	1.3	1.7	1.5	1.2	0.9
	Kishoreganj	1.9	1.5	1.4	1.2	1.8	1.5	1.3	1.2	0.8	0.9	1.0	1.8	1.3	1.7	1.5	1.2	0.9
	Nilphamari Sada	1.9	1.4	1.5	1.2	1.8	1.5	1.3	1.1	0.8	0.8	1.0	1.8	1.4	1.7	1.5	1.2	0.9
	Saidpur	1.9	1.4	1.5	1.2	1.8	1.5	1.3	1.2	0.9	0.9	0.9	1.8	1.4	1.7	1.5	1.2	0.9
Noakhali	Begumganj	1.1	1.0	1.2	0.9	0.8	1.3	1.0	1.0	0.9	0.8	0.5	1.3	1.0	1.1	1.0	1.0	0.7
	Chatkhil	1.1	1.0	1.2	0.9	0.8	1.3	1.0	1.0	0.9	0.8	0.5	1.3	1.0	1.1	1.0	1.0	0.7
	Companiganj	1.1	1.0	1.2	0.9	0.8	1.2	1.0	1.0	0.9	0.8	0.4	1.2	1.0	1.1	1.0	1.0	0.6
	Hatiya	0.9	0.8	1.1	0.8	0.6	1.1	0.9	0.9	0.8	0.8	0.4	1.1	0.8	0.9	0.8	0.9	0.6
	Kabirhat	1.1	1.0	1.2	0.9	0.8	1.2	1.0	1.0	0.9	0.8	0.4	1.3	1.0	1.1	1.0	1.0	0.6
	Noakhali Sadar	1.1	1.0	1.2	0.9	0.8	1.2	1.0	1.0	0.9	0.8	0.5	1.3	0.9	1.1	0.9	1.0	0.6
	Senbagh	1.1	1.0	1.2	0.9	0.9	1.3	1.0	1.0	0.9	0.8	0.5	1.3	1.0	1.1	1.0	1.1	0.7
	Sonaimuri	1.1	1.0	1.2	0.9	0.8	1.3	1.0	1.0	0.9	0.8	0.5	1.3	1.0	1.1	1.0	1.0	0.7
	Subarnachar	1.0	0.9	1.1	0.9	0.7	1.2	0.9	1.0	0.9	0.8	0.4	1.2	0.9	1.0	0.9	1.0	0.6
Pabna	Atgharia	1.4	1.1	1.2	1.1	1.0	1.5	1.2	1.2	0.9	0.9	0.6	1.4	1.1	1.3	1.1	1.2	0.7
	Bera	1.3	1.1	1.2	1.0	0.9	1.5	1.2	1.2	0.9	1.0	0.5	1.3	1.1	1.3	1.0	1.2	0.7
	Bhangura	1.5	1.2	1.3	1.1	1.0	1.5	1.2	1.2	0.9	0.9	0.6	1.4	1.2	1.3	1.1	1.2	0.8
	Chatmohar	1.5	1.2	1.3	1.1	1.0	1.5	1.2	1.2	0.9	0.9	0.6	1.4	1.2	1.3	1.1	1.2	0.8
	Faridpur	1.4	1.2	1.3	1.1	1.0	1.5	1.2	1.2	0.9	0.9	0.6	1.3	1.1	1.3	1.1	1.2	0.7
	Ishwardi	1.5	1.1	1.2	1.1	0.9	1.5	1.2	1.2	0.9	0.9	0.6	1.4	1.1	1.3	1.1	1.2	0.7
	Pabna Sadar	1.4	1.1	1.2	1.1	0.9	1.5	1.2	1.2	0.9	0.9	0.6	1.4	1.1	1.3	1.1	1.2	0.7
	Santhia	1.4	1.2	1.2	1.1	0.9	1.5	1.2	1.2	0.9	1.0	0.5	1.3	1.1	1.3	1.1	1.2	0.7
	Sujanagar	1.3	1.1	1.2	1.0	0.8	1.5	1.2	1.2	0.9	0.9	0.5	1.3	1.1	1.3	1.0	1.2	0.7
Panchagarh	Atwari	1.9	1.4	1.5	1.3	1.9	1.4	1.3	1.1	0.7	0.8	1.0	1.9	1.4	1.7	1.6	1.1	0.9
	Boda	1.9	1.4	1.5	1.3	1.9	1.5	1.3	1.1	0.7	0.8	1.0	1.9	1.4	1.7	1.5	1.1	0.9
	Debiganj	1.9	1.4	1.5	1.3	1.9	1.5	1.3	1.1	0.8	0.8	1.0	1.9	1.4	1.7	1.5	1.2	0.9
	Panchagarh Sad	1.9	1.4	1.5	1.3	1.9	1.4	1.3	1.1	0.7	0.7	1.0	1.9	1.3	1.8	1.5	1.1	0.9
	Tentulia	1.9	1.4	1.5	1.3	1.9	1.4	1.3	1.1	0.6	0.7	1.0	1.9	1.3	1.8	1.5	1.1	0.9

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Patuakhali	Bauphal	0.9	0.8	1.1	0.9	0.5	1.1	0.9	0.9	0.8	0.8	0.5	1.2	0.9	1.0	0.8	0.9	0.7
	Dashmina	0.9	0.7	1.1	0.8	0.4	1.0	0.8	0.8	0.8	0.8	0.5	1.1	0.8	0.9	0.8	0.9	0.6
	Dumki	1.0	0.8	1.1	0.9	0.5	1.1	0.9	0.9	0.8	0.8	0.5	1.2	0.9	1.0	0.8	0.9	0.7
	Galachipa	0.8	0.7	1.1	0.8	0.4	0.9	0.8	0.8	0.7	0.8	0.4	1.1	0.8	0.9	0.8	0.8	0.6
	Kala Para	0.8	0.5	1.0	0.9	0.2	0.8	0.7	0.7	0.7	0.8	0.4	1.1	0.7	0.8	0.7	0.8	0.6
	Mirzaganj	0.9	0.7	1.1	0.9	0.4	1.0	0.8	0.8	0.7	0.8	0.5	1.2	0.8	0.9	0.8	0.8	0.7
	Patuakhali Sadar	0.9	0.7	1.1	0.9	0.4	1.0	0.8	0.8	0.7	0.8	0.5	1.2	0.8	0.9	0.8	0.9	0.7
	Rangabali	0.8	0.6	1.0	0.8	0.3	0.9	0.8	0.8	0.7	0.8	0.4	1.0	0.7	0.8	0.7	0.8	0.6
Pirojpur	Bhandaria	1.0	0.8	1.1	0.9	0.4	1.0	0.9	0.8	0.7	0.8	0.6	1.2	0.8	1.0	0.8	0.9	0.7
	Zianagar	1.0	0.8	1.1	0.9	0.4	1.0	0.9	0.8	0.7	0.8	0.6	1.2	0.8	1.0	0.8	0.9	0.7
	Kawkhali	1.0	0.8	1.1	0.9	0.5	1.1	0.9	0.9	0.7	0.8	0.6	1.3	0.9	1.0	0.8	0.9	0.7
	Mathbaria	0.9	0.7	1.0	0.9	0.3	1.0	0.8	0.8	0.7	0.8	0.5	1.2	0.8	0.9	0.8	0.8	0.7
	Nazirpur	1.0	0.9	1.1	0.9	0.5	1.2	0.9	0.9	0.8	0.9	0.6	1.3	0.9	1.1	0.8	0.9	0.7
	Nesarabad	1.0	0.9	1.1	0.9	0.5	1.1	0.9	0.9	0.8	0.9	0.6	1.3	0.9	1.1	0.8	0.9	0.7
	Pirojpur Sadar	1.0	0.8	1.1	0.9	0.5	1.1	0.9	0.9	0.7	0.8	0.6	1.3	0.9	1.0	0.8	0.9	0.7
Rajbari	Balia Kandi	1.2	1.0	1.1	1.0	0.7	1.4	1.1	1.1	0.9	0.9	0.5	1.3	1.0	1.2	0.9	1.1	0.7
	Goalandaghat	1.2	1.1	1.2	1.0	0.8	1.4	1.2	1.1	0.9	1.0	0.5	1.3	1.1	1.2	1.0	1.2	0.8
	Kalukhali	1.3	1.0	1.2	1.0	0.7	1.4	1.2	1.1	0.9	0.9	0.5	1.3	1.1	1.2	1.0	1.2	0.7
	Pangsha	1.3	1.0	1.2	1.0	0.8	1.4	1.2	1.2	0.9	0.9	0.5	1.3	1.1	1.2	1.0	1.2	0.7
	Rajbari Sadar	1.2	1.1	1.2	1.0	0.8	1.4	1.1	1.1	0.9	1.0	0.5	1.3	1.1	1.2	1.0	1.1	0.7
Rajshahi	Bagha	1.5	1.1	1.2	1.2	1.0	1.5	1.2	1.2	0.9	0.9	0.6	1.4	1.2	1.4	1.1	1.2	0.7
	Baghmara	1.6	1.2	1.3	1.2	1.3	1.5	1.3	1.2	0.9	0.9	0.7	1.5	1.2	1.4	1.2	1.2	0.8
	Charghat	1.5	1.1	1.2	1.2	1.1	1.5	1.2	1.2	0.9	0.9	0.6	1.5	1.2	1.4	1.2	1.2	0.8
	Durgapur	1.6	1.2	1.3	1.2	1.2	1.5	1.3	1.2	0.9	0.9	0.7	1.5	1.2	1.4	1.2	1.2	0.8
	Godagari	1.6	1.1	1.3	1.2	1.2	1.5	1.3	1.2	0.9	0.9	0.7	1.6	1.2	1.4	1.3	1.2	0.8
	Mohanpur	1.6	1.2	1.3	1.2	1.3	1.5	1.3	1.2	0.9	0.9	0.7	1.6	1.2	1.4	1.2	1.2	0.8
	Paba	1.6	1.1	1.3	1.2	1.2	1.5	1.3	1.2	0.9	0.9	0.7	1.5	1.2	1.4	1.2	1.2	0.8
	Puthia	1.6	1.2	1.3	1.2	1.1	1.5	1.2	1.2	0.9	0.9	0.7	1.5	1.2	1.4	1.2	1.2	0.8
	Tanore	1.6	1.2	1.3	1.2	1.3	1.5	1.3	1.2	0.9	0.9	0.7	1.6	1.2	1.5	1.3	1.2	0.8
Rangamati	Baghai Chhari	1.3	1.2	1.4	0.9	1.1	1.4	1.1	1.2	0.9	0.9	0.5	1.5	1.1	1.3	1.1	1.2	0.7
	Barkal	1.2	1.1	1.3	0.9	1.1	1.3	1.0	1.2	0.9	0.8	0.3	1.4	1.0	1.2	1.1	1.1	0.6
	Belai Chhari	0.9	0.9	1.2	0.8	0.9	1.2	1.0	1.1	0.9	0.8	0.3	1.2	0.9	1.0	1.0	1.1	0.5
	Jurai Chhari	1.0	1.1	1.3	0.8	1.0	1.3	1.0	1.1	0.9	0.8	0.3	1.3	1.0	1.1	1.0	1.1	0.5
	Kaptai	1.0	1.0	1.2	0.8	0.9	1.2	1.0	1.1	0.9	0.8	0.3	1.2	1.0	1.1	1.0	1.1	0.5
	Kawkhali	1.1	1.0	1.2	0.8	0.9	1.2	1.0	1.1	0.9	0.8	0.3	1.3	1.0	1.1	1.0	1.1	0.6
	Langadu	1.2	1.1	1.3	0.9	1.1	1.4	1.0	1.2	0.9	0.8	0.4	1.4	1.1	1.2	1.1	1.1	0.6
	Naniarchar	1.2	1.1	1.3	0.9	1.0	1.3	1.0	1.1	0.9	0.8	0.4	1.3	1.0	1.2	1.1	1.1	0.6
	Rajasthali	0.9	1.0	1.2	0.8	0.9	1.2	1.0	1.1	0.9	0.8	0.3	1.2	0.9	1.0	1.0	1.0	0.5

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	Rangamati Sada	1.1	1.0	1.3	0.8	1.0	1.3	1.0	1.1	0.9	0.8	0.3	1.3	1.0	1.1	1.0	1.1	0.6
Rangpur	Badarganj	1.8	1.4	1.5	1.2	1.8	1.5	1.3	1.2	0.9	0.9	0.9	1.7	1.3	1.7	1.5	1.2	0.9
	Gangachara	1.9	1.5	1.4	1.2	1.7	1.5	1.3	1.2	0.9	0.9	1.0	1.7	1.3	1.7	1.4	1.2	0.9
	Kaunia	1.9	1.5	1.4	1.2	1.7	1.5	1.3	1.2	0.9	0.9	0.9	1.7	1.3	1.7	1.4	1.2	0.9
	Mitha Pukur	1.8	1.4	1.4	1.2	1.7	1.5	1.3	1.2	0.9	0.9	0.9	1.7	1.3	1.6	1.4	1.2	0.9
	Pirgachha	1.9	1.4	1.4	1.2	1.7	1.5	1.3	1.2	0.9	0.9	0.9	1.7	1.3	1.7	1.4	1.2	0.9
	Pirganj	1.8	1.4	1.4	1.1	1.6	1.5	1.3	1.2	1.0	1.0	0.8	1.6	1.3	1.6	1.4	1.2	0.9
	Rangpur Sadar	1.9	1.4	1.4	1.2	1.7	1.5	1.3	1.2	0.9	0.9	0.9	1.7	1.3	1.7	1.5	1.2	0.9
	Taraganj	1.9	1.4	1.5	1.2	1.8	1.5	1.3	1.2	0.9	0.9	0.9	1.8	1.3	1.7	1.5	1.2	0.9
Satkhira	Assasuni	1.0	0.8	1.0	0.9	0.4	1.0	1.0	0.9	0.6	0.8	0.6	1.3	0.9	1.0	0.8	0.9	0.7
	Debhata	1.0	0.8	1.0	0.9	0.5	1.0	1.0	0.9	0.6	0.8	0.6	1.3	0.9	1.0	0.8	0.9	0.7
	Kalaroa	1.1	0.9	1.0	0.9	0.5	1.1	1.1	1.0	0.7	0.8	0.6	1.3	0.9	1.1	0.8	1.0	0.7
	Kaliganj	1.0	0.7	1.0	0.9	0.4	1.0	1.0	0.9	0.6	0.8	0.6	1.2	0.8	1.0	0.8	0.9	0.7
	Satkhira Sadar	1.1	0.8	1.0	0.9	0.5	1.1	1.0	0.9	0.7	0.8	0.6	1.3	0.9	1.1	0.8	0.9	0.7
	Shyamnagar	0.8	0.6	1.0	0.9	0.3	0.8	0.9	0.9	0.5	0.8	0.5	1.1	0.8	0.8	0.7	0.8	0.6
	Tala	1.1	0.8	1.0	0.9	0.5	1.1	1.0	0.9	0.7	0.8	0.6	1.3	0.9	1.1	0.8	0.9	0.7
Shariatpur	Bhedarganj	1.1	1.0	1.1	0.9	0.8	1.3	1.0	1.0	0.8	0.9	0.5	1.3	1.0	1.1	0.9	1.1	0.7
	Damudya	1.1	1.0	1.1	0.9	0.7	1.3	1.0	1.0	0.8	0.9	0.6	1.3	1.0	1.1	0.9	1.0	0.7
	Gosairhat	1.1	1.0	1.1	0.9	0.7	1.3	1.0	1.0	0.8	0.9	0.6	1.3	1.0	1.1	0.9	1.0	0.7
	Naria	1.1	1.0	1.2	0.9	0.7	1.4	1.0	1.0	0.9	0.9	0.6	1.3	1.0	1.1	0.9	1.1	0.7
	Shariatpur Sadar	1.1	1.0	1.1	0.9	0.7	1.3	1.0	1.0	0.8	0.9	0.6	1.3	1.0	1.1	0.9	1.1	0.7
	Zanjira	1.1	1.0	1.2	0.9	0.7	1.4	1.1	1.1	0.9	0.9	0.6	1.3	1.0	1.2	0.9	1.1	0.7
Sherpur	Jhenaigati	1.7	1.4	1.4	1.1	1.3	1.5	1.3	1.3	1.1	1.0	0.7	1.4	1.3	1.5	1.2	1.3	0.9
	Nakla	1.6	1.4	1.3	1.1	1.2	1.5	1.3	1.3	1.1	1.1	0.7	1.3	1.2	1.4	1.2	1.3	0.9
	Nalitabari	1.7	1.4	1.3	1.1	1.3	1.4	1.3	1.3	1.1	1.1	0.7	1.4	1.2	1.5	1.2	1.3	0.9
	Sherpur Sadar	1.7	1.4	1.3	1.1	1.3	1.5	1.3	1.3	1.0	1.0	0.7	1.4	1.2	1.5	1.2	1.3	0.9
	Sreebardi	1.7	1.4	1.4	1.1	1.3	1.5	1.3	1.3	1.0	1.0	0.7	1.4	1.3	1.5	1.2	1.3	0.9
Sirajganj	Belkuchi	1.5	1.2	1.3	1.1	1.0	1.5	1.2	1.2	1.0	1.0	0.6	1.3	1.2	1.3	1.1	1.2	0.8
	Chauhali	1.4	1.2	1.3	1.1	1.0	1.5	1.2	1.2	0.9	1.0	0.5	1.3	1.1	1.3	1.1	1.2	0.8
	Kamarkhanda	1.5	1.3	1.3	1.1	1.1	1.5	1.2	1.2	1.0	1.0	0.6	1.3	1.2	1.4	1.1	1.2	0.8
	Kazipur	1.6	1.3	1.3	1.1	1.2	1.5	1.3	1.3	1.0	1.0	0.6	1.4	1.2	1.4	1.2	1.2	0.8
	Royganj	1.5	1.3	1.3	1.1	1.1	1.5	1.2	1.2	1.0	1.0	0.6	1.4	1.2	1.4	1.2	1.2	0.8
	Shahjadpur	1.4	1.2	1.3	1.1	1.0	1.5	1.2	1.2	0.9	1.0	0.5	1.3	1.1	1.3	1.1	1.2	0.8
	Sirajganj Sadar	1.5	1.3	1.3	1.1	1.1	1.5	1.2	1.2	1.0	1.0	0.6	1.3	1.2	1.4	1.2	1.2	0.8
	Tarash	1.5	1.2	1.3	1.1	1.1	1.5	1.2	1.2	0.9	1.0	0.6	1.4	1.2	1.4	1.2	1.2	0.8
	Ullah Para	1.5	1.2	1.3	1.1	1.1	1.5	1.2	1.2	0.9	1.0	0.6	1.4	1.2	1.4	1.1	1.2	0.8
Sunamganj	Bishwambarpur	1.4	1.2	1.3	1.2	1.3	1.4	1.2	1.3	1.3	1.2	0.7	1.4	1.2	1.3	1.3	1.3	0.9
	Chhatak	1.3	1.2	1.4	1.2	1.3	1.4	1.2	1.4	1.3	1.2	0.7	1.4	1.2	1.3	1.3	1.3	0.9

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	Derai	1.4	1.2	1.3	1.1	1.2	1.4	1.2	1.3	1.2	1.1	0.6	1.4	1.2	1.3	1.2	1.3	0.9
	Dharampasha	1.4	1.2	1.3	1.1	1.2	1.4	1.2	1.3	1.2	1.1	0.7	1.4	1.2	1.3	1.2	1.3	0.9
	Dowarabazar	1.3	1.2	1.4	1.2	1.3	1.4	1.2	1.4	1.3	1.2	0.7	1.4	1.2	1.3	1.3	1.3	0.9
	Jagannathpur	1.3	1.2	1.4	1.1	1.2	1.4	1.2	1.3	1.2	1.2	0.7	1.4	1.2	1.3	1.2	1.3	0.9
	Jamalganj	1.4	1.2	1.3	1.1	1.2	1.4	1.2	1.3	1.2	1.2	0.7	1.4	1.2	1.3	1.2	1.3	0.9
	Dak. Sunamganj	1.3	1.2	1.3	1.1	1.2	1.4	1.2	1.3	1.2	1.2	0.7	1.4	1.2	1.3	1.2	1.3	0.9
	Sulla	1.4	1.2	1.3	1.1	1.2	1.4	1.2	1.3	1.1	1.1	0.6	1.4	1.2	1.3	1.2	1.3	0.9
	Sunamganj Sada	1.4	1.2	1.3	1.2	1.3	1.4	1.2	1.3	1.3	1.2	0.7	1.4	1.2	1.3	1.3	1.3	0.9
	Tahirpur	1.4	1.2	1.3	1.1	1.3	1.4	1.2	1.3	1.2	1.2	0.7	1.4	1.2	1.3	1.2	1.3	0.9
Sylhet	Balaganj	1.3	1.2	1.4	1.2	1.2	1.4	1.2	1.3	1.2	1.2	0.7	1.5	1.2	1.3	1.3	1.3	0.9
	Beani Bazar	1.3	1.3	1.4	1.2	1.3	1.4	1.2	1.4	1.3	1.2	0.7	1.5	1.3	1.4	1.3	1.3	1.0
	Bishwanath	1.3	1.2	1.4	1.2	1.3	1.4	1.2	1.3	1.2	1.2	0.7	1.5	1.2	1.3	1.3	1.3	0.9
	Companiganj	1.3	1.2	1.4	1.2	1.3	1.4	1.3	1.4	1.3	1.2	0.7	1.4	1.3	1.3	1.3	1.3	1.0
	Dakshin Surma	1.3	1.2	1.4	1.2	1.3	1.4	1.2	1.4	1.2	1.2	0.7	1.5	1.3	1.3	1.3	1.3	0.9
	Fenchuganj	1.3	1.3	1.4	1.2	1.3	1.4	1.2	1.3	1.2	1.2	0.7	1.5	1.2	1.4	1.3	1.3	0.9
	Jaintiapur	1.3	1.2	1.4	1.3	1.3	1.4	1.3	1.4	1.3	1.3	0.7	1.5	1.3	1.3	1.3	1.3	1.0
	Golabganj	1.3	1.2	1.4	1.2	1.3	1.4	1.2	1.4	1.2	1.2	0.7	1.5	1.3	1.3	1.3	1.3	0.9
	Gowainghat	1.3	1.2	1.4	1.3	1.3	1.4	1.3	1.4	1.3	1.3	0.7	1.5	1.3	1.3	1.3	1.3	1.0
	Kanaighat	1.3	1.2	1.4	1.3	1.3	1.4	1.3	1.4	1.3	1.3	0.7	1.5	1.3	1.3	1.3	1.3	1.0
	Sylhet Sadar	1.3	1.2	1.4	1.2	1.3	1.4	1.2	1.4	1.3	1.2	0.7	1.5	1.3	1.3	1.3	1.3	0.9
	Zakiganj	1.3	1.2	1.4	1.2	1.4	1.4	1.2	1.4	1.3	1.2	0.7	1.5	1.3	1.4	1.3	1.3	1.0
Tangail	Basail	1.4	1.3	1.3	1.0	1.0	1.5	1.2	1.2	1.0	1.0	0.5	1.3	1.1	1.3	1.1	1.2	0.8
	Bhuapur	1.5	1.3	1.3	1.1	1.1	1.5	1.2	1.2	1.0	1.0	0.6	1.3	1.2	1.4	1.2	1.2	0.8
	Delduar	1.4	1.2	1.3	1.1	1.0	1.5	1.2	1.2	1.0	1.0	0.5	1.3	1.1	1.3	1.1	1.2	0.8
	Dhanbari	1.6	1.3	1.3	1.1	1.2	1.5	1.2	1.3	1.0	1.0	0.6	1.3	1.2	1.4	1.2	1.3	0.8
	Ghatail	1.5	1.3	1.3	1.1	1.1	1.5	1.2	1.2	1.0	1.0	0.6	1.3	1.2	1.4	1.2	1.2	0.8
	Gopalpur	1.5	1.3	1.3	1.1	1.1	1.5	1.2	1.3	1.0	1.0	0.6	1.3	1.2	1.4	1.2	1.2	0.8
	Kalihati	1.5	1.3	1.3	1.1	1.1	1.5	1.2	1.2	1.0	1.0	0.6	1.3	1.2	1.3	1.1	1.2	0.8
	Mirzapur	1.4	1.2	1.3	1.0	1.0	1.5	1.2	1.2	1.0	1.0	0.5	1.3	1.1	1.3	1.1	1.2	0.8
	Madhupur	1.5	1.3	1.3	1.1	1.1	1.5	1.2	1.3	1.0	1.0	0.6	1.3	1.2	1.4	1.2	1.3	0.8
	Nagarpur	1.4	1.2	1.3	1.0	0.9	1.5	1.2	1.2	0.9	1.0	0.5	1.3	1.1	1.3	1.1	1.2	0.8
	Sakhipur	1.4	1.3	1.3	1.0	1.0	1.5	1.2	1.2	1.0	1.0	0.6	1.3	1.2	1.3	1.1	1.2	0.8
	Tangail Sadar	1.4	1.3	1.3	1.1	1.0	1.5	1.2	1.2	1.0	1.0	0.5	1.3	1.2	1.3	1.1	1.2	0.8
Thakurgaon	Baliadangi	1.8	1.4	1.5	1.3	2.0	1.5	1.3	1.1	0.8	0.8	1.0	1.9	1.4	1.7	1.6	1.2	0.9
	Haripur	1.8	1.4	1.5	1.3	2.0	1.5	1.3	1.1	0.8	0.8	1.0	1.9	1.4	1.7	1.6	1.2	0.9
	Pirganj	1.8	1.4	1.5	1.3	2.0	1.5	1.3	1.1	0.8	0.9	1.0	1.9	1.4	1.7	1.6	1.2	0.9
	Ranisankail	1.8	1.4	1.5	1.3	2.0	1.5	1.3	1.1	0.8	0.8	1.0	1.9	1.4	1.7	1.6	1.2	0.9
	Thakurgaon Sada	1.9	1.4	1.5	1.3	1.9	1.5	1.3	1.1	0.8	0.8	1.0	1.9	1.4	1.7	1.6	1.2	0.9

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Table 6.6: Projected minimum temperature change for 487 upazilas in Bangladesh under RCP4.5 scenarios for the year 2050.

Dist. Name	Upz. Name	Jan (°C)	Feb (°C)	Mar (°C)	Apr (°C)	May (°C)	Jun (°C)	Jul (°C)	Aug (°C)	Sep (°C)	Oct (°C)	Nov (°C)	Dec (°C)	Ann (°C)	Winter(°C	Pre-mon	Mon (°C)	Post-mon(°C
Bagerhat	Bagerhat Sadar	1.2	0.9	1.3	1.4	1.7	1.6	1.1	1.3	1.4	1.6	2.2	2.2	1.5	1.4	1.4	1.3	1.9
	Chitalmari	1.2	0.9	1.2	1.3	1.7	1.6	1.2	1.3	1.4	1.6	2.3	2.2	1.5	1.4	1.4	1.4	1.9
	Fakirhat	1.2	0.9	1.3	1.3	1.7	1.6	1.1	1.3	1.4	1.6	2.2	2.2	1.5	1.4	1.4	1.3	1.9
	Kachua	1.1	0.9	1.3	1.4	1.7	1.6	1.1	1.3	1.4	1.6	2.2	2.2	1.5	1.4	1.4	1.3	1.9
	Mongla	1.1	1.0	1.4	1.5	1.6	1.4	1.1	1.3	1.3	1.5	2.0	2.0	1.4	1.4	1.5	1.3	1.7
	Mollahat	1.2	0.9	1.2	1.3	1.7	1.6	1.2	1.3	1.4	1.6	2.3	2.2	1.5	1.4	1.4	1.4	2.0
	Morrelganj	1.1	0.9	1.3	1.4	1.7	1.5	1.1	1.3	1.3	1.5	2.1	2.1	1.5	1.4	1.5	1.3	1.8
	Rampal	1.2	0.9	1.3	1.4	1.7	1.5	1.1	1.3	1.4	1.6	2.2	2.1	1.5	1.4	1.5	1.3	1.9
	Sarankhola	1.1	0.9	1.4	1.5	1.6	1.4	1.1	1.2	1.3	1.5	2.0	2.0	1.4	1.3	1.5	1.3	1.7
Bandarban	Alikadam	1.3	1.0	1.8	1.6	1.5	1.3	1.3	1.1	1.4	1.1	2.0	1.7	1.4	1.3	1.7	1.3	1.5
	Bandarban Sad	1.4	1.1	1.7	1.6	1.6	1.4	1.4	1.2	1.5	1.3	2.2	2.0	1.5	1.5	1.6	1.4	1.7
	Lama	1.3	1.0	1.7	1.6	1.5	1.3	1.3	1.2	1.4	1.1	2.0	1.8	1.4	1.4	1.6	1.3	1.6
	Naikhongchhar	1.3	0.9	1.8	1.6	1.5	1.3	1.3	1.1	1.4	1.1	1.9	1.7	1.4	1.3	1.6	1.3	1.5
	Rowangchhari	1.5	1.1	1.8	1.6	1.6	1.4	1.4	1.2	1.5	1.3	2.2	2.0	1.5	1.5	1.7	1.4	1.8
	Ruma	1.5	1.1	1.8	1.6	1.6	1.4	1.4	1.2	1.5	1.3	2.1	1.9	1.5	1.5	1.7	1.4	1.7
	Thanchi	1.4	1.0	1.8	1.7	1.5	1.3	1.3	1.1	1.5	1.1	2.1	1.8	1.5	1.4	1.7	1.3	1.6
Barguna	Amtali	1.1	0.9	1.4	1.5	1.6	1.4	1.1	1.2	1.3	1.4	2.0	2.0	1.4	1.3	1.5	1.3	1.7
	Bamna	1.1	0.9	1.4	1.4	1.6	1.5	1.1	1.3	1.3	1.5	2.1	2.0	1.4	1.3	1.5	1.3	1.8
	Barguna Sadar	1.1	0.9	1.4	1.5	1.6	1.4	1.1	1.2	1.3	1.5	2.0	2.0	1.4	1.3	1.5	1.3	1.7
	Betagi	1.1	0.9	1.4	1.4	1.6	1.5	1.1	1.3	1.3	1.5	2.1	2.1	1.4	1.4	1.5	1.3	1.8
	Patharghata	1.1	0.9	1.4	1.5	1.6	1.4	1.1	1.2	1.3	1.5	2.0	2.0	1.4	1.3	1.5	1.3	1.7
	Taltoli	1.0	0.9	1.4	1.5	1.6	1.4	1.1	1.2	1.3	1.4	1.9	1.9	1.4	1.3	1.5	1.2	1.7
Barisal	Agailjhara	1.2	0.9	1.2	1.3	1.7	1.6	1.2	1.3	1.4	1.6	2.4	2.3	1.5	1.4	1.4	1.4	2.0
	Babuganj	1.2	0.9	1.3	1.4	1.7	1.6	1.2	1.3	1.4	1.6	2.3	2.2	1.5	1.4	1.4	1.4	2.0
	Bakerganj	1.2	0.9	1.3	1.4	1.7	1.5	1.2	1.3	1.4	1.5	2.2	2.1	1.5	1.4	1.5	1.3	1.9
	Banari Para	1.2	0.9	1.3	1.4	1.7	1.6	1.2	1.3	1.4	1.6	2.3	2.2	1.5	1.4	1.4	1.4	1.9
	Barisal Sadar	1.2	0.9	1.3	1.4	1.7	1.6	1.2	1.3	1.4	1.6	2.3	2.2	1.5	1.4	1.5	1.4	1.9
	Gaurnadi	1.2	0.9	1.3	1.4	1.7	1.6	1.2	1.3	1.4	1.6	2.4	2.3	1.5	1.5	1.4	1.4	2.0
	Hizla	1.3	0.9	1.3	1.4	1.7	1.6	1.3	1.3	1.4	1.6	2.4	2.3	1.5	1.5	1.5	1.4	2.0
	Mehendiganj	1.2	0.9	1.3	1.4	1.7	1.6	1.3	1.3	1.4	1.6	2.3	2.3	1.5	1.5	1.5	1.4	1.9
	Muladi	1.3	0.9	1.3	1.4	1.7	1.6	1.3	1.3	1.4	1.6	2.4	2.3	1.5	1.5	1.5	1.4	2.0
	Wazirpur	1.2	0.9	1.3	1.4	1.7	1.6	1.2	1.3	1.4	1.6	2.3	2.3	1.5	1.4	1.4	1.4	2.0
Bhola	Bhola Sadar	1.2	0.9	1.4	1.4	1.7	1.6	1.2	1.3	1.4	1.5	2.3	2.2	1.5	1.5	1.5	1.4	1.9
	Burhanuddin	1.2	0.9	1.4	1.5	1.6	1.5	1.2	1.3	1.4	1.5	2.2	2.1	1.5	1.4	1.5	1.3	1.8
	Char Fasson	1.1	0.9	1.5	1.5	1.6	1.4	1.1	1.2	1.3	1.3	2.0	1.9	1.4	1.3	1.5	1.3	1.7

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	Daulatkhan	1.2	0.9	1.4	1.4	1.7	1.5	1.3	1.3	1.4	1.5	2.3	2.2	1.5	1.4	1.5	1.4	1.9
	Lalmohan	1.2	0.9	1.4	1.5	1.6	1.5	1.2	1.2	1.4	1.4	2.1	2.0	1.5	1.4	1.5	1.3	1.8
	Manpura	1.2	0.9	1.5	1.5	1.6	1.4	1.2	1.2	1.4	1.4	2.1	2.0	1.4	1.4	1.5	1.3	1.7
	Tazumuddin	1.2	0.9	1.4	1.5	1.6	1.5	1.2	1.2	1.4	1.5	2.2	2.1	1.5	1.4	1.5	1.3	1.8
Bogra	Adamdighi	1.7	1.1	1.4	1.1	1.4	1.5	1.2	1.4	1.8	1.8	2.2	2.5	1.6	1.8	1.3	1.5	2.0
	Bogra Sadar	1.7	1.1	1.4	1.1	1.4	1.6	1.3	1.5	1.8	1.8	2.2	2.4	1.6	1.8	1.3	1.5	2.0
	Dhunat	1.7	1.1	1.4	1.2	1.5	1.6	1.3	1.5	1.8	1.8	2.2	2.4	1.6	1.7	1.4	1.5	2.0
	Dhupchanchia	1.7	1.1	1.4	1.1	1.4	1.5	1.3	1.5	1.8	1.8	2.2	2.5	1.6	1.8	1.3	1.5	2.0
	Gabtali	1.7	1.1	1.4	1.2	1.4	1.6	1.3	1.5	1.8	1.8	2.2	2.4	1.6	1.7	1.3	1.5	2.0
	Kahaloo	1.7	1.1	1.4	1.1	1.4	1.5	1.3	1.5	1.8	1.8	2.2	2.5	1.6	1.8	1.3	1.5	2.0
	Nandigram	1.7	1.1	1.3	1.1	1.4	1.6	1.3	1.4	1.8	1.8	2.2	2.5	1.6	1.7	1.3	1.5	2.0
	Sariakandi	1.7	1.1	1.4	1.2	1.5	1.6	1.3	1.5	1.8	1.7	2.2	2.4	1.6	1.7	1.3	1.6	2.0
	Shajahanpur	1.7	1.1	1.4	1.2	1.4	1.6	1.3	1.5	1.8	1.8	2.2	2.4	1.6	1.7	1.3	1.5	2.0
	Sherpur	1.7	1.1	1.3	1.2	1.5	1.6	1.3	1.5	1.8	1.8	2.2	2.4	1.6	1.7	1.3	1.5	2.0
	Shibganj	1.7	1.2	1.4	1.1	1.4	1.5	1.3	1.5	1.8	1.8	2.2	2.4	1.6	1.8	1.3	1.5	2.0
	Sonatola	1.7	1.1	1.4	1.2	1.4	1.6	1.3	1.5	1.8	1.7	2.1	2.4	1.6	1.7	1.3	1.5	1.9
Brahaman baria	Akhaura	1.7	1.0	1.4	1.4	1.7	1.6	1.5	1.5	1.7	1.7	2.5	2.5	1.7	1.7	1.5	1.6	2.1
	Ashuganj	1.7	1.0	1.4	1.4	1.7	1.7	1.5	1.5	1.8	1.8	2.4	2.5	1.7	1.7	1.5	1.6	2.1
	Banchharampu	1.6	0.9	1.4	1.4	1.7	1.6	1.4	1.4	1.7	1.8	2.4	2.5	1.7	1.7	1.5	1.6	2.1
	Bijoynagar	1.7	1.0	1.5	1.4	1.7	1.7	1.5	1.5	1.8	1.8	2.4	2.5	1.7	1.8	1.5	1.6	2.1
	Brahmanbaria Sadar	1.7	1.0	1.4	1.4	1.7	1.7	1.5	1.5	1.7	1.8	2.4	2.5	1.7	1.7	1.5	1.6	2.1
	Kasba	1.6	1.0	1.4	1.4	1.7	1.6	1.5	1.5	1.7	1.7	2.5	2.5	1.7	1.7	1.5	1.6	2.1
	Nabinagar	1.7	1.0	1.4	1.4	1.7	1.6	1.5	1.5	1.7	1.8	2.4	2.5	1.7	1.7	1.5	1.6	2.1
	Nasirnagar	1.8	1.1	1.5	1.4	1.7	1.7	1.6	1.5	1.8	1.8	2.4	2.5	1.7	1.8	1.5	1.6	2.1
	Sarail	1.8	1.0	1.5	1.4	1.7	1.7	1.5	1.5	1.8	1.8	2.4	2.5	1.7	1.8	1.5	1.6	2.1
Chapai Nawabganj	Bholahat	1.6	1.1	1.4	0.9	1.2	1.3	1.1	1.4	1.7	1.9	2.3	2.7	1.6	1.8	1.2	1.4	2.1
	Chapai Nawab	1.6	1.1	1.3	1.0	1.4	1.4	1.1	1.4	1.7	1.8	2.3	2.6	1.6	1.8	1.2	1.4	2.1
	Gomastapur	1.6	1.1	1.4	1.0	1.3	1.4	1.1	1.4	1.7	1.8	2.3	2.6	1.6	1.8	1.2	1.4	2.1
	Nachole	1.6	1.1	1.3	1.0	1.3	1.4	1.2	1.4	1.7	1.8	2.3	2.6	1.6	1.8	1.2	1.4	2.1
	Shibganj	1.6	1.1	1.3	1.0	1.3	1.3	1.1	1.4	1.7	1.9	2.3	2.6	1.6	1.8	1.2	1.4	2.1
Chandpur	Chandpur Sadar	1.4	0.9	1.3	1.4	1.7	1.6	1.4	1.4	1.5	1.7	2.4	2.4	1.6	1.6	1.5	1.5	2.1
	Faridganj	1.4	0.9	1.4	1.4	1.7	1.6	1.4	1.3	1.5	1.7	2.4	2.4	1.6	1.6	1.5	1.5	2.0
	Haim Char	1.3	0.9	1.3	1.4	1.7	1.6	1.3	1.3	1.5	1.6	2.4	2.3	1.6	1.5	1.5	1.4	2.0
	Hajiganj	1.5	0.9	1.4	1.4	1.7	1.6	1.4	1.4	1.6	1.7	2.4	2.4	1.6	1.6	1.5	1.5	2.1
	Kachua	1.5	0.9	1.4	1.4	1.7	1.6	1.4	1.4	1.6	1.7	2.5	2.4	1.6	1.6	1.5	1.5	2.1

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	Matlab Dakshin	1.5	0.9	1.4	1.4	1.7	1.6	1.4	1.4	1.6	1.7	2.5	2.4	1.6	1.6	1.5	1.5	2.1
	Matlab Uttar	1.5	0.9	1.3	1.4	1.7	1.6	1.4	1.4	1.6	1.7	2.5	2.4	1.6	1.6	1.5	1.5	2.1
	Shahrasti	1.5	0.9	1.4	1.4	1.7	1.6	1.4	1.4	1.6	1.7	2.4	2.4	1.6	1.6	1.5	1.5	2.1
Chittagon	Anowara	1.4	1.0	1.6	1.6	1.5	1.4	1.3	1.2	1.4	1.3	2.1	2.0	1.5	1.4	1.6	1.3	1.7
	Banshkhali	1.3	1.0	1.7	1.6	1.5	1.4	1.3	1.2	1.4	1.2	2.1	1.9	1.5	1.4	1.6	1.3	1.6
	Boalkhali	1.4	1.0	1.6	1.6	1.6	1.4	1.4	1.2	1.5	1.4	2.2	2.1	1.5	1.5	1.6	1.4	1.8
	Chandanaish	1.4	1.0	1.7	1.6	1.6	1.4	1.4	1.2	1.5	1.3	2.2	2.0	1.5	1.5	1.6	1.4	1.7
	Fatikchhari	1.5	1.0	1.6	1.5	1.6	1.5	1.4	1.3	1.5	1.5	2.3	2.2	1.6	1.6	1.6	1.4	1.9
	Hathazari	1.4	1.0	1.6	1.5	1.6	1.5	1.4	1.3	1.5	1.5	2.2	2.1	1.6	1.5	1.6	1.4	1.8
	Lohagara	1.4	1.0	1.7	1.6	1.5	1.4	1.3	1.2	1.4	1.2	2.1	1.9	1.5	1.4	1.6	1.3	1.6
	Mirsharai	1.5	1.0	1.5	1.5	1.7	1.5	1.4	1.3	1.5	1.6	2.3	2.3	1.6	1.6	1.6	1.4	2.0
	Patiya	1.4	1.0	1.6	1.6	1.6	1.4	1.4	1.2	1.5	1.4	2.2	2.0	1.5	1.5	1.6	1.4	1.8
	Rangunia	1.5	1.1	1.7	1.6	1.6	1.5	1.4	1.3	1.5	1.4	2.2	2.1	1.6	1.5	1.6	1.4	1.8
	Raozan	1.5	1.1	1.6	1.6	1.6	1.5	1.4	1.3	1.5	1.5	2.3	2.1	1.6	1.5	1.6	1.4	1.9
	Sandwip	1.3	1.0	1.5	1.5	1.6	1.5	1.3	1.3	1.5	1.5	2.2	2.1	1.5	1.5	1.5	1.4	1.8
	Satkania	1.4	1.0	1.7	1.6	1.5	1.4	1.3	1.2	1.5	1.3	2.1	1.9	1.5	1.4	1.6	1.3	1.7
	Sitakunda	1.4	1.0	1.6	1.5	1.6	1.5	1.4	1.3	1.5	1.5	2.2	2.1	1.5	1.5	1.6	1.4	1.9
Chuadanga	Alamdanga	1.5	0.9	1.2	1.2	1.6	1.5	1.2	1.3	1.6	1.8	2.3	2.4	1.6	1.6	1.4	1.4	2.0
	Chuadanga Sadar	1.5	0.9	1.2	1.2	1.7	1.5	1.1	1.3	1.6	1.7	2.3	2.4	1.5	1.6	1.4	1.4	2.0
	Damurhuda	1.5	0.9	1.2	1.2	1.7	1.5	1.1	1.3	1.6	1.7	2.3	2.4	1.5	1.6	1.4	1.4	2.0
	Jiban Nagar	1.5	1.0	1.2	1.3	1.7	1.5	1.1	1.3	1.5	1.7	2.3	2.4	1.5	1.6	1.4	1.4	2.0
Comilla	Barura	1.5	0.9	1.4	1.4	1.7	1.6	1.4	1.4	1.6	1.7	2.5	2.4	1.6	1.6	1.5	1.5	2.1
	Brahman Para	1.6	0.9	1.4	1.4	1.7	1.6	1.5	1.4	1.7	1.7	2.5	2.5	1.7	1.7	1.5	1.5	2.1
	Burichang	1.6	0.9	1.4	1.4	1.7	1.6	1.5	1.4	1.7	1.7	2.5	2.5	1.7	1.7	1.5	1.5	2.1
	Chandina	1.5	0.9	1.4	1.4	1.7	1.6	1.4	1.4	1.6	1.7	2.5	2.5	1.6	1.6	1.5	1.5	2.1
	Chauddagram	1.5	1.0	1.5	1.5	1.7	1.6	1.5	1.4	1.6	1.7	2.5	2.4	1.6	1.6	1.5	1.5	2.1
	Comilla Adarsha	1.6	0.9	1.4	1.4	1.7	1.6	1.5	1.4	1.6	1.7	2.5	2.5	1.7	1.7	1.5	1.5	2.1
	Daudkandi	1.5	0.9	1.3	1.4	1.7	1.6	1.4	1.4	1.6	1.7	2.5	2.4	1.6	1.6	1.5	1.5	2.1
	Debidwar	1.6	0.9	1.4	1.4	1.7	1.6	1.5	1.4	1.7	1.7	2.5	2.5	1.6	1.7	1.5	1.5	2.1
	Homna	1.6	0.9	1.4	1.4	1.7	1.6	1.4	1.4	1.7	1.7	2.5	2.5	1.6	1.6	1.5	1.5	2.1
	Laksam	1.5	0.9	1.4	1.4	1.7	1.6	1.4	1.4	1.6	1.7	2.5	2.4	1.6	1.6	1.5	1.5	2.1
	Meghna	1.5	0.9	1.3	1.4	1.7	1.6	1.4	1.4	1.6	1.7	2.4	2.4	1.6	1.6	1.5	1.5	2.1
	Manoharganj	1.5	0.9	1.4	1.4	1.7	1.6	1.4	1.4	1.5	1.6	2.4	2.4	1.6	1.6	1.5	1.5	2.0
	Muradnagar	1.6	0.9	1.4	1.4	1.7	1.6	1.5	1.4	1.7	1.7	2.5	2.5	1.7	1.7	1.5	1.5	2.1
	Nangalkot	1.5	1.0	1.4	1.5	1.7	1.6	1.4	1.4	1.6	1.6	2.4	2.4	1.6	1.6	1.5	1.5	2.0
	Comilla Sadar Dak	1.6	0.9	1.4	1.5	1.7	1.6	1.5	1.4	1.6	1.7	2.5	2.5	1.7	1.7	1.5	1.5	2.1
	Titas	1.5	0.9	1.3	1.4	1.7	1.6	1.4	1.4	1.6	1.7	2.5	2.4	1.6	1.6	1.5	1.5	2.1

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Cox's Baza	Chakaria	1.3	1.0	1.7	1.6	1.5	1.3	1.3	1.1	1.4	1.1	2.0	1.8	1.4	1.3	1.6	1.3	1.5
	Cox's Bazar sa	1.2	0.9	1.7	1.6	1.5	1.3	1.2	1.1	1.4	1.1	1.9	1.7	1.4	1.3	1.6	1.2	1.5
	Kutubdia	1.2	1.0	1.6	1.6	1.5	1.3	1.2	1.1	1.4	1.1	2.0	1.8	1.4	1.3	1.6	1.3	1.6
	Maheshkhali	1.2	1.0	1.7	1.6	1.5	1.3	1.2	1.1	1.4	1.1	1.9	1.7	1.4	1.3	1.6	1.2	1.5
	Pekua	1.3	1.0	1.7	1.6	1.5	1.3	1.3	1.1	1.4	1.1	2.0	1.8	1.4	1.3	1.6	1.3	1.6
	Ramu	1.2	0.9	1.7	1.6	1.5	1.3	1.2	1.1	1.4	1.1	1.9	1.7	1.4	1.3	1.6	1.3	1.5
	Teknaf	1.3	0.9	1.7	1.5	1.5	1.4	1.2	1.1	1.4	1.1	1.9	1.7	1.4	1.3	1.6	1.3	1.5
	Ukhia	1.2	0.9	1.7	1.6	1.5	1.3	1.2	1.1	1.4	1.1	1.9	1.7	1.4	1.3	1.6	1.3	1.5
Dhaka	Dhamrai	1.5	0.9	1.3	1.3	1.7	1.7	1.4	1.4	1.7	1.8	2.4	2.4	1.6	1.6	1.4	1.5	2.1
	Dohar	1.4	0.8	1.2	1.3	1.7	1.6	1.3	1.4	1.6	1.7	2.4	2.4	1.6	1.5	1.4	1.5	2.1
	Keraniganj	1.5	0.9	1.3	1.4	1.7	1.6	1.4	1.4	1.6	1.7	2.4	2.4	1.6	1.6	1.4	1.5	2.1
	Nawabganj	1.4	0.9	1.2	1.3	1.7	1.6	1.3	1.4	1.6	1.7	2.4	2.4	1.6	1.6	1.4	1.5	2.1
	Savar	1.5	0.9	1.3	1.4	1.7	1.7	1.4	1.4	1.7	1.8	2.4	2.4	1.6	1.6	1.4	1.5	2.1
Dinajpur	Birampur	1.7	1.2	1.5	1.0	1.2	1.4	1.2	1.5	1.7	1.7	2.1	2.5	1.6	1.8	1.2	1.5	1.9
	Birganj	1.8	1.6	1.8	1.1	1.3	1.3	1.3	1.5	1.7	1.7	1.9	2.3	1.6	1.9	1.4	1.5	1.8
	Biral	1.8	1.4	1.6	1.0	1.2	1.3	1.2	1.5	1.7	1.8	2.0	2.4	1.6	1.9	1.3	1.4	1.9
	Bochaganj	1.8	1.5	1.7	1.1	1.2	1.3	1.3	1.5	1.7	1.7	2.0	2.4	1.6	1.9	1.3	1.4	1.9
	Chirirbandar	1.8	1.4	1.7	1.0	1.2	1.3	1.3	1.5	1.7	1.7	2.0	2.4	1.6	1.9	1.3	1.4	1.9
	Dinajpur Sadar	1.8	1.4	1.6	1.0	1.2	1.3	1.2	1.5	1.7	1.7	2.0	2.4	1.6	1.9	1.3	1.4	1.9
	Fulbari	1.7	1.3	1.5	1.0	1.2	1.4	1.3	1.5	1.7	1.7	2.1	2.4	1.6	1.8	1.2	1.5	1.9
	Ghoraghat	1.7	1.2	1.4	1.1	1.3	1.5	1.3	1.5	1.8	1.7	2.1	2.4	1.6	1.8	1.3	1.5	1.9
	Hakimpur	1.7	1.2	1.4	1.0	1.3	1.4	1.3	1.5	1.7	1.7	2.1	2.5	1.6	1.8	1.2	1.5	1.9
	Kaharole	1.8	1.5	1.7	1.1	1.2	1.3	1.3	1.5	1.7	1.7	2.0	2.3	1.6	1.9	1.4	1.4	1.8
	Khansama	1.8	1.6	1.8	1.1	1.3	1.4	1.3	1.5	1.7	1.7	1.9	2.3	1.6	1.9	1.4	1.5	1.8
	Nawabganj	1.7	1.3	1.5	1.0	1.3	1.4	1.3	1.5	1.7	1.7	2.1	2.4	1.6	1.8	1.3	1.5	1.9
	Parbatipur	1.8	1.4	1.6	1.1	1.2	1.4	1.3	1.5	1.7	1.7	2.0	2.4	1.6	1.9	1.3	1.5	1.9
Faridpur	Alfadanga	1.3	0.9	1.2	1.3	1.7	1.6	1.2	1.3	1.5	1.7	2.4	2.3	1.5	1.5	1.4	1.4	2.0
	Bhanga	1.3	0.8	1.2	1.3	1.7	1.6	1.3	1.3	1.5	1.7	2.4	2.4	1.6	1.5	1.4	1.4	2.1
	Boalmari	1.4	0.9	1.2	1.3	1.7	1.6	1.2	1.3	1.5	1.7	2.4	2.4	1.5	1.5	1.4	1.4	2.0
	Char Bhadrasan	1.4	0.8	1.2	1.3	1.7	1.6	1.3	1.4	1.6	1.7	2.4	2.4	1.6	1.5	1.4	1.5	2.1
	Faridpur Sadar	1.4	0.8	1.2	1.3	1.7	1.6	1.3	1.4	1.6	1.7	2.4	2.4	1.6	1.5	1.4	1.5	2.1
	Madhukhali	1.4	0.9	1.2	1.3	1.7	1.6	1.2	1.3	1.6	1.7	2.4	2.4	1.6	1.5	1.4	1.4	2.1
	Nagarkanda	1.3	0.8	1.2	1.3	1.7	1.6	1.3	1.3	1.5	1.7	2.4	2.4	1.5	1.5	1.4	1.4	2.1
	Sadarpur	1.4	0.8	1.2	1.3	1.7	1.6	1.3	1.4	1.6	1.7	2.4	2.4	1.6	1.5	1.4	1.5	2.1
	Saltha	1.3	0.8	1.2	1.3	1.7	1.6	1.2	1.3	1.5	1.7	2.4	2.4	1.5	1.5	1.4	1.4	2.1
Feni	Chhagalnaiya	1.5	1.0	1.5	1.5	1.7	1.5	1.5	1.4	1.6	1.6	2.4	2.4	1.6	1.6	1.6	1.5	2.0
	Daganbhuiyan	1.5	1.0	1.5	1.5	1.7	1.6	1.4	1.3	1.5	1.6	2.4	2.3	1.6	1.6	1.5	1.5	2.0
	Feni Sadar	1.5	1.0	1.5	1.5	1.7	1.6	1.4	1.3	1.5	1.6	2.4	2.3	1.6	1.6	1.5	1.5	2.0

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	Fulgazi	1.5	1.0	1.5	1.5	1.7	1.6	1.5	1.4	1.6	1.6	2.4	2.4	1.6	1.6	1.6	1.5	2.0
	Parshuram	1.6	1.0	1.5	1.5	1.7	1.6	1.5	1.4	1.6	1.7	2.5	2.4	1.6	1.7	1.6	1.5	2.1
	Sonagazi	1.4	1.0	1.5	1.5	1.7	1.6	1.4	1.3	1.5	1.6	2.4	2.3	1.6	1.6	1.5	1.4	2.0
Gaibandha	Gaibandha Sadar	1.7	1.2	1.5	1.2	1.4	1.5	1.3	1.5	1.8	1.7	2.0	2.3	1.6	1.8	1.3	1.5	1.9
	Gobindaganj	1.7	1.2	1.4	1.1	1.3	1.5	1.3	1.5	1.8	1.7	2.1	2.4	1.6	1.8	1.3	1.5	1.9
	Palashbari	1.7	1.2	1.4	1.1	1.3	1.5	1.3	1.5	1.8	1.7	2.1	2.4	1.6	1.8	1.3	1.5	1.9
	Fulchhari	1.7	1.2	1.5	1.2	1.4	1.6	1.3	1.5	1.8	1.7	2.0	2.3	1.6	1.8	1.3	1.6	1.9
	Sadullapur	1.7	1.2	1.5	1.1	1.3	1.5	1.3	1.5	1.8	1.7	2.0	2.4	1.6	1.8	1.3	1.5	1.9
	Saghatta	1.7	1.2	1.4	1.2	1.4	1.6	1.3	1.5	1.8	1.7	2.1	2.4	1.6	1.8	1.3	1.6	1.9
	Sundarganj	1.8	1.3	1.6	1.2	1.4	1.5	1.4	1.5	1.8	1.7	2.0	2.3	1.6	1.8	1.4	1.5	1.8
Gazipur	Gazipur Sadar	1.6	1.0	1.3	1.4	1.7	1.7	1.4	1.4	1.7	1.8	2.4	2.4	1.7	1.7	1.5	1.6	2.1
	Kaliganj	1.6	1.0	1.3	1.4	1.7	1.7	1.4	1.5	1.7	1.8	2.4	2.5	1.7	1.7	1.5	1.6	2.1
	Kaliakair	1.6	1.0	1.3	1.4	1.7	1.7	1.4	1.4	1.8	1.8	2.4	2.4	1.7	1.7	1.5	1.6	2.1
	Kapasia	1.7	1.0	1.4	1.4	1.7	1.7	1.5	1.5	1.8	1.8	2.4	2.5	1.7	1.7	1.5	1.6	2.1
	Sreepur	1.7	1.0	1.4	1.4	1.7	1.7	1.4	1.5	1.8	1.8	2.4	2.4	1.7	1.7	1.5	1.6	2.1
Gopalganj	Gopalganj Sadar	1.2	0.9	1.2	1.3	1.7	1.6	1.2	1.3	1.4	1.6	2.4	2.3	1.5	1.5	1.4	1.4	2.0
	Kashiani	1.3	0.9	1.2	1.3	1.7	1.6	1.2	1.3	1.5	1.7	2.4	2.3	1.5	1.5	1.4	1.4	2.0
	Kotali Para	1.2	0.9	1.2	1.3	1.7	1.6	1.2	1.3	1.4	1.6	2.4	2.3	1.5	1.5	1.4	1.4	2.0
	Muksudpur	1.3	0.8	1.2	1.3	1.7	1.6	1.2	1.3	1.5	1.7	2.4	2.3	1.5	1.5	1.4	1.4	2.0
	Tungi Para	1.2	0.9	1.2	1.3	1.7	1.6	1.2	1.3	1.4	1.6	2.3	2.3	1.5	1.4	1.4	1.4	2.0
Habiganj	Ajmiriganj	1.8	1.1	1.5	1.4	1.7	1.7	1.6	1.6	1.8	1.7	2.3	2.5	1.7	1.8	1.5	1.7	2.0
	Bahubal	1.8	1.1	1.5	1.4	1.7	1.7	1.6	1.6	1.8	1.7	2.4	2.5	1.7	1.8	1.5	1.7	2.1
	Baniachong	1.8	1.1	1.5	1.4	1.7	1.7	1.6	1.6	1.8	1.7	2.3	2.5	1.7	1.8	1.5	1.7	2.0
	Chunarughat	1.8	1.1	1.5	1.4	1.7	1.7	1.6	1.6	1.8	1.8	2.4	2.5	1.7	1.8	1.6	1.7	2.1
	Habiganj Sadar	1.8	1.1	1.5	1.4	1.7	1.7	1.6	1.6	1.8	1.7	2.4	2.5	1.7	1.8	1.5	1.7	2.1
	Lakhai	1.8	1.1	1.5	1.4	1.7	1.7	1.6	1.6	1.8	1.8	2.4	2.5	1.7	1.8	1.5	1.7	2.1
	Madhabpur	1.8	1.1	1.5	1.4	1.7	1.7	1.6	1.5	1.8	1.8	2.4	2.5	1.7	1.8	1.6	1.7	2.1
	Nabiganj	1.8	1.1	1.5	1.4	1.7	1.7	1.6	1.6	1.8	1.7	2.3	2.5	1.7	1.8	1.5	1.7	2.0
Jamalpur	Bakshiganj	1.7	1.2	1.4	1.3	1.4	1.6	1.4	1.5	1.8	1.7	2.0	2.3	1.6	1.7	1.4	1.6	1.9
	Dewanganj	1.7	1.2	1.5	1.2	1.4	1.6	1.4	1.5	1.8	1.7	2.0	2.3	1.6	1.7	1.4	1.6	1.9
	Islampur	1.7	1.2	1.4	1.2	1.4	1.6	1.4	1.5	1.8	1.7	2.1	2.3	1.6	1.7	1.4	1.6	1.9
	Jamalpur Sadar	1.7	1.1	1.4	1.3	1.5	1.7	1.4	1.5	1.8	1.7	2.2	2.3	1.6	1.7	1.4	1.6	1.9
	Madarganj	1.7	1.1	1.4	1.2	1.5	1.6	1.4	1.5	1.8	1.7	2.2	2.4	1.6	1.7	1.4	1.6	1.9
	Melandaha	1.7	1.1	1.4	1.2	1.5	1.7	1.4	1.5	1.8	1.7	2.1	2.3	1.6	1.7	1.4	1.6	1.9
	Sharishabari	1.7	1.1	1.4	1.3	1.5	1.7	1.4	1.5	1.8	1.8	2.2	2.4	1.6	1.7	1.4	1.6	2.0
Jessore	Abhaynagar	1.3	0.9	1.2	1.3	1.7	1.6	1.1	1.3	1.4	1.6	2.3	2.3	1.5	1.5	1.4	1.4	2.0
	Bagher Para	1.4	0.9	1.2	1.3	1.7	1.6	1.2	1.3	1.5	1.7	2.3	2.3	1.5	1.5	1.4	1.4	2.0
	Chaugachha	1.4	1.0	1.2	1.3	1.7	1.5	1.1	1.3	1.5	1.7	2.3	2.3	1.5	1.6	1.4	1.4	2.0

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	Sadar	1.4	0.9	1.2	1.3	1.7	1.6	1.1	1.3	1.5	1.7	2.3	2.3	1.5	1.5	1.4	1.4	2.0
	Jhikargachha	1.4	1.0	1.2	1.3	1.7	1.6	1.1	1.3	1.5	1.6	2.3	2.3	1.5	1.5	1.4	1.4	2.0
	Keshabpur	1.3	1.0	1.3	1.3	1.7	1.6	1.1	1.3	1.4	1.6	2.3	2.2	1.5	1.5	1.4	1.4	1.9
	Manirampur	1.3	0.9	1.2	1.3	1.7	1.6	1.1	1.3	1.4	1.6	2.3	2.2	1.5	1.5	1.4	1.4	2.0
	Sharsha	1.4	1.0	1.2	1.3	1.8	1.5	1.1	1.3	1.5	1.6	2.3	2.2	1.5	1.5	1.4	1.4	1.9
Jhalokati	Jhalokati Sadar	1.1	0.9	1.3	1.4	1.7	1.6	1.2	1.3	1.4	1.6	2.3	2.2	1.5	1.4	1.4	1.4	1.9
	Kanthalia	1.1	0.9	1.3	1.4	1.6	1.5	1.1	1.3	1.3	1.5	2.1	2.1	1.4	1.4	1.5	1.3	1.8
	Nalchity	1.1	0.9	1.3	1.4	1.7	1.5	1.2	1.3	1.4	1.5	2.2	2.2	1.5	1.4	1.5	1.3	1.9
	Rajapur	1.1	0.9	1.3	1.4	1.7	1.5	1.2	1.3	1.3	1.5	2.2	2.1	1.5	1.4	1.5	1.3	1.9
Jhenaidah	Harinakunda	1.5	0.9	1.2	1.3	1.7	1.5	1.2	1.3	1.6	1.7	2.3	2.4	1.6	1.6	1.4	1.4	2.0
	Jhenaidah Sadar	1.4	0.9	1.2	1.3	1.7	1.5	1.2	1.3	1.6	1.7	2.3	2.4	1.5	1.6	1.4	1.4	2.0
	Kaliganj	1.4	0.9	1.2	1.3	1.7	1.5	1.2	1.3	1.5	1.7	2.3	2.3	1.5	1.6	1.4	1.4	2.0
	Kotchandpur	1.4	0.9	1.2	1.3	1.7	1.5	1.1	1.3	1.5	1.7	2.3	2.4	1.5	1.6	1.4	1.4	2.0
	Maheshpur	1.4	1.0	1.2	1.3	1.7	1.5	1.1	1.3	1.5	1.7	2.3	2.3	1.5	1.6	1.4	1.4	2.0
	Shailkupa	1.5	0.9	1.2	1.3	1.7	1.6	1.2	1.3	1.6	1.7	2.4	2.4	1.6	1.6	1.4	1.4	2.1
Joypurhat	Akkelpur	1.7	1.1	1.4	1.1	1.3	1.5	1.2	1.5	1.8	1.8	2.2	2.5	1.6	1.8	1.3	1.5	2.0
	Joypurhat Sadar	1.7	1.2	1.4	1.0	1.3	1.5	1.3	1.5	1.8	1.8	2.2	2.5	1.6	1.8	1.2	1.5	2.0
	Kalai	1.7	1.2	1.4	1.1	1.3	1.5	1.3	1.5	1.8	1.8	2.2	2.5	1.6	1.8	1.3	1.5	2.0
	Khetlal	1.7	1.2	1.4	1.1	1.3	1.5	1.3	1.5	1.8	1.8	2.2	2.5	1.6	1.8	1.3	1.5	2.0
	Panchbibi	1.7	1.2	1.4	1.0	1.3	1.5	1.3	1.5	1.8	1.8	2.1	2.5	1.6	1.8	1.2	1.5	2.0
Khagrachhari	Dighinala	1.7	1.1	1.7	1.6	1.8	1.6	1.6	1.5	1.7	1.7	2.5	2.5	1.7	1.8	1.7	1.6	2.1
	Khagrachhari Sa	1.7	1.1	1.6	1.6	1.7	1.5	1.6	1.4	1.6	1.7	2.4	2.4	1.7	1.7	1.6	1.5	2.1
	Lakshmichhari	1.5	1.1	1.6	1.5	1.7	1.5	1.5	1.3	1.6	1.6	2.3	2.2	1.6	1.6	1.6	1.5	2.0
	Mahalchhari	1.6	1.1	1.6	1.6	1.7	1.5	1.5	1.4	1.6	1.6	2.4	2.3	1.7	1.7	1.6	1.5	2.0
	Manikchhari	1.5	1.1	1.6	1.5	1.7	1.5	1.5	1.3	1.6	1.6	2.4	2.3	1.6	1.6	1.6	1.5	2.0
	Matiranga	1.6	1.1	1.6	1.5	1.7	1.5	1.5	1.4	1.6	1.6	2.4	2.4	1.7	1.7	1.6	1.5	2.0
	Panchhari	1.7	1.1	1.6	1.5	1.7	1.5	1.6	1.4	1.7	1.7	2.5	2.5	1.7	1.7	1.6	1.6	2.1
	Ramgarh	1.6	1.1	1.6	1.5	1.7	1.5	1.5	1.4	1.6	1.6	2.4	2.3	1.6	1.6	1.6	1.5	2.0
Khulna	Batiaghata	1.2	0.9	1.3	1.3	1.7	1.6	1.1	1.3	1.4	1.6	2.2	2.2	1.5	1.4	1.4	1.3	1.9
	Dacope	1.2	1.0	1.4	1.4	1.7	1.4	1.1	1.3	1.4	1.5	2.0	2.0	1.4	1.4	1.5	1.3	1.8
	Dighalia	1.2	0.9	1.2	1.3	1.7	1.6	1.1	1.3	1.4	1.6	2.3	2.2	1.5	1.5	1.4	1.4	2.0
	Dumuria	1.2	0.9	1.3	1.3	1.7	1.6	1.1	1.3	1.4	1.6	2.2	2.2	1.5	1.5	1.4	1.4	1.9
	Koyra	1.2	1.0	1.4	1.5	1.7	1.4	1.1	1.3	1.4	1.5	2.0	1.9	1.4	1.4	1.5	1.3	1.7
	Phultala	1.3	0.9	1.2	1.3	1.7	1.6	1.1	1.3	1.4	1.6	2.3	2.2	1.5	1.5	1.4	1.4	2.0
	Paikgachha	1.2	1.0	1.3	1.4	1.7	1.5	1.1	1.3	1.4	1.6	2.2	2.1	1.5	1.4	1.5	1.3	1.9
	Rupsa	1.2	0.9	1.2	1.3	1.7	1.6	1.1	1.3	1.4	1.6	2.3	2.2	1.5	1.4	1.4	1.4	1.9
	Terokhada	1.2	0.9	1.2	1.3	1.7	1.6	1.2	1.3	1.4	1.6	2.3	2.2	1.5	1.5	1.4	1.4	2.0
Kishoreganj	Austagram	1.8	1.1	1.4	1.4	1.7	1.7	1.6	1.6	1.8	1.8	2.4	2.5	1.7	1.8	1.5	1.7	2.1

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	Bajitpur	1.7	1.0	1.4	1.4	1.7	1.7	1.5	1.5	1.8	1.8	2.4	2.5	1.7	1.8	1.5	1.6	2.1
	Bhairab	1.7	1.0	1.4	1.4	1.7	1.7	1.5	1.5	1.8	1.8	2.4	2.5	1.7	1.8	1.5	1.6	2.1
	Hossainpur	1.7	1.1	1.4	1.4	1.7	1.7	1.5	1.5	1.8	1.8	2.3	2.4	1.7	1.7	1.5	1.6	2.0
	Itna	1.8	1.1	1.4	1.4	1.7	1.7	1.6	1.6	1.8	1.7	2.3	2.5	1.7	1.8	1.5	1.7	2.0
	Karimganj	1.7	1.1	1.4	1.4	1.7	1.7	1.5	1.5	1.8	1.7	2.3	2.5	1.7	1.8	1.5	1.6	2.0
	Katiadi	1.7	1.0	1.4	1.4	1.7	1.7	1.5	1.5	1.8	1.8	2.4	2.5	1.7	1.7	1.5	1.6	2.1
	Kishoreganj Sad	1.7	1.1	1.4	1.4	1.7	1.7	1.5	1.5	1.8	1.8	2.3	2.5	1.7	1.7	1.5	1.6	2.0
	Kuliar Char	1.7	1.0	1.4	1.4	1.7	1.7	1.5	1.5	1.8	1.8	2.4	2.5	1.7	1.8	1.5	1.6	2.1
	Mithamain	1.8	1.1	1.4	1.4	1.7	1.7	1.6	1.6	1.8	1.7	2.3	2.5	1.7	1.8	1.5	1.7	2.0
	Nikli	1.7	1.1	1.4	1.4	1.7	1.7	1.5	1.5	1.8	1.8	2.4	2.5	1.7	1.8	1.5	1.6	2.1
	Pakundia	1.7	1.0	1.4	1.4	1.7	1.7	1.5	1.5	1.8	1.8	2.4	2.5	1.7	1.7	1.5	1.6	2.1
	Tarail	1.7	1.1	1.4	1.4	1.7	1.7	1.5	1.6	1.8	1.7	2.3	2.4	1.7	1.8	1.5	1.7	2.0
Kurigram	Bhurungamari	2.0	1.7	1.9	1.3	1.5	1.5	1.5	1.5	1.8	1.6	1.8	2.1	1.7	1.9	1.6	1.6	1.7
	Char Rajibpur	1.8	1.3	1.5	1.3	1.4	1.6	1.4	1.5	1.8	1.7	2.0	2.3	1.6	1.8	1.4	1.6	1.8
	Chilmari	1.8	1.4	1.6	1.3	1.4	1.5	1.4	1.5	1.8	1.6	1.9	2.2	1.6	1.8	1.4	1.6	1.8
	Kurigram Sada	1.9	1.5	1.7	1.3	1.4	1.5	1.5	1.5	1.8	1.6	1.8	2.2	1.7	1.9	1.5	1.6	1.7
	Nageshwari	1.9	1.6	1.8	1.3	1.4	1.5	1.5	1.5	1.8	1.6	1.8	2.2	1.7	1.9	1.5	1.6	1.7
	Phulbari	1.9	1.6	1.8	1.3	1.4	1.5	1.5	1.5	1.8	1.6	1.8	2.2	1.7	1.9	1.5	1.6	1.7
	Rajarhat	1.9	1.5	1.7	1.2	1.4	1.5	1.4	1.5	1.8	1.6	1.9	2.2	1.6	1.9	1.5	1.6	1.8
	Raumari	1.8	1.4	1.6	1.3	1.4	1.6	1.4	1.5	1.8	1.6	1.9	2.2	1.6	1.8	1.4	1.6	1.8
	Ulipur	1.9	1.4	1.7	1.3	1.4	1.5	1.4	1.5	1.8	1.6	1.9	2.2	1.6	1.8	1.4	1.6	1.8
Kushtia	Bheramara	1.6	1.0	1.3	1.2	1.6	1.6	1.2	1.4	1.7	1.8	2.3	2.5	1.6	1.7	1.4	1.5	2.1
	Daulatpur	1.6	1.0	1.2	1.2	1.6	1.6	1.2	1.4	1.7	1.8	2.3	2.5	1.6	1.7	1.3	1.5	2.1
	Khoksa	1.5	0.9	1.2	1.3	1.6	1.6	1.2	1.4	1.7	1.8	2.4	2.4	1.6	1.6	1.4	1.5	2.1
	Kumarkhali	1.5	0.9	1.2	1.3	1.6	1.6	1.2	1.4	1.7	1.8	2.4	2.4	1.6	1.6	1.4	1.5	2.1
	Kushtia Sadar	1.5	0.9	1.2	1.3	1.6	1.6	1.2	1.4	1.7	1.8	2.3	2.4	1.6	1.6	1.4	1.4	2.1
	Mirpur	1.6	1.0	1.2	1.2	1.6	1.6	1.2	1.4	1.7	1.8	2.3	2.5	1.6	1.7	1.4	1.5	2.1
Lakshmipur	Kamalnagar	1.3	0.9	1.4	1.4	1.7	1.6	1.3	1.3	1.4	1.6	2.3	2.2	1.5	1.5	1.5	1.4	1.9
	Lakshmipur Sad	1.3	0.9	1.4	1.4	1.7	1.6	1.3	1.3	1.5	1.6	2.4	2.3	1.6	1.5	1.5	1.4	2.0
	Roypur	1.3	0.9	1.3	1.4	1.7	1.6	1.3	1.3	1.5	1.6	2.4	2.3	1.6	1.5	1.5	1.4	2.0
	Ramganj	1.4	0.9	1.4	1.4	1.7	1.6	1.4	1.3	1.5	1.6	2.4	2.4	1.6	1.6	1.5	1.5	2.0
	Ramgati	1.3	0.9	1.4	1.4	1.6	1.5	1.3	1.3	1.4	1.5	2.2	2.2	1.5	1.5	1.5	1.4	1.9
Lalmonirhat	Aditmari	1.9	1.6	1.8	1.3	1.4	1.5	1.4	1.5	1.8	1.6	1.8	2.2	1.7	1.9	1.5	1.5	1.7
	Hatibandha	1.9	1.7	1.9	1.3	1.4	1.4	1.5	1.5	1.8	1.6	1.8	2.2	1.7	1.9	1.5	1.5	1.7
	Kaliganj	1.9	1.6	1.8	1.2	1.4	1.4	1.4	1.5	1.8	1.6	1.8	2.2	1.7	1.9	1.5	1.5	1.7
	Lalmonirhat Sad	1.9	1.6	1.8	1.3	1.4	1.5	1.4	1.5	1.8	1.6	1.8	2.2	1.6	1.9	1.5	1.6	1.7
	Patgram	2.0	1.9	2.1	1.4	1.5	1.4	1.5	1.5	1.8	1.6	1.7	2.1	1.7	2.0	1.6	1.6	1.7
Madaripur	Kalkini	1.3	0.9	1.3	1.4	1.7	1.6	1.3	1.3	1.4	1.6	2.4	2.3	1.5	1.5	1.4	1.4	2.0

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	Madaripur Sad	1.3	0.8	1.2	1.3	1.7	1.6	1.3	1.3	1.5	1.7	2.4	2.3	1.5	1.5	1.4	1.4	2.0
	Rajoir	1.3	0.8	1.2	1.3	1.7	1.6	1.3	1.3	1.5	1.7	2.4	2.3	1.5	1.5	1.4	1.4	2.0
	Shib Char	1.3	0.8	1.2	1.3	1.7	1.6	1.3	1.3	1.5	1.7	2.4	2.4	1.6	1.5	1.4	1.4	2.1
Magura	Magura Sadar	1.4	0.9	1.2	1.3	1.7	1.6	1.2	1.3	1.5	1.7	2.4	2.4	1.5	1.5	1.4	1.4	2.0
	Mohammadpur	1.4	0.9	1.2	1.3	1.7	1.6	1.2	1.3	1.5	1.7	2.4	2.3	1.5	1.5	1.4	1.4	2.0
	Shalikha	1.4	0.9	1.2	1.3	1.7	1.6	1.2	1.3	1.5	1.7	2.3	2.3	1.5	1.5	1.4	1.4	2.0
	Sreepur	1.4	0.9	1.2	1.3	1.7	1.6	1.2	1.3	1.6	1.7	2.4	2.4	1.6	1.6	1.4	1.4	2.1
Manikganj	Daulatpur	1.5	0.9	1.2	1.3	1.7	1.7	1.3	1.4	1.7	1.8	2.4	2.4	1.6	1.6	1.4	1.5	2.1
	Ghior	1.5	0.9	1.2	1.3	1.7	1.7	1.3	1.4	1.7	1.8	2.4	2.4	1.6	1.6	1.4	1.5	2.1
	Harirampur	1.4	0.9	1.2	1.3	1.7	1.6	1.3	1.4	1.6	1.8	2.4	2.4	1.6	1.6	1.4	1.5	2.1
	Manikganj Sad	1.5	0.9	1.2	1.3	1.7	1.7	1.3	1.4	1.7	1.8	2.4	2.4	1.6	1.6	1.4	1.5	2.1
	Saturia	1.5	0.9	1.3	1.3	1.7	1.7	1.3	1.4	1.7	1.8	2.4	2.4	1.6	1.6	1.4	1.5	2.1
	Shibalaya	1.5	0.9	1.2	1.3	1.7	1.6	1.3	1.4	1.7	1.8	2.4	2.4	1.6	1.6	1.4	1.5	2.1
	Singair	1.5	0.9	1.2	1.3	1.7	1.6	1.3	1.4	1.7	1.8	2.4	2.4	1.6	1.6	1.4	1.5	2.1
Maulvibazar	Barlekha	1.8	1.1	1.6	1.4	1.7	1.7	1.8	1.7	1.9	1.7	2.4	2.5	1.8	1.8	1.6	1.8	2.0
	Juri	1.8	1.1	1.6	1.4	1.7	1.7	1.7	1.7	1.9	1.7	2.4	2.5	1.8	1.8	1.6	1.7	2.1
	Kamalganj	1.8	1.1	1.6	1.4	1.7	1.7	1.7	1.6	1.8	1.7	2.4	2.5	1.8	1.8	1.6	1.7	2.1
	Kulaura	1.8	1.1	1.6	1.4	1.7	1.7	1.7	1.6	1.8	1.7	2.4	2.5	1.8	1.8	1.6	1.7	2.1
	Maulvi Bazar Sa	1.8	1.1	1.5	1.4	1.7	1.7	1.7	1.6	1.8	1.7	2.4	2.5	1.7	1.8	1.5	1.7	2.0
	Rajnagar	1.8	1.1	1.5	1.4	1.7	1.7	1.7	1.6	1.8	1.7	2.4	2.5	1.7	1.8	1.5	1.7	2.0
	Sreemangal	1.8	1.1	1.5	1.4	1.7	1.7	1.7	1.6	1.8	1.7	2.4	2.5	1.8	1.8	1.6	1.7	2.1
Meherpur	Gangni	1.6	1.0	1.2	1.2	1.6	1.5	1.2	1.4	1.7	1.8	2.3	2.5	1.6	1.7	1.4	1.4	2.1
	Meherpur Sadar	1.5	1.0	1.2	1.2	1.6	1.5	1.1	1.3	1.7	1.8	2.3	2.4	1.6	1.7	1.4	1.4	2.0
	Mujib Nagar	1.5	0.9	1.2	1.2	1.7	1.5	1.1	1.3	1.6	1.8	2.3	2.4	1.6	1.6	1.4	1.4	2.0
Munshiganj	Gazaria	1.5	0.9	1.3	1.4	1.7	1.6	1.4	1.4	1.6	1.7	2.4	2.4	1.6	1.6	1.5	1.5	2.1
	Lohajang	1.4	0.9	1.3	1.4	1.7	1.6	1.3	1.4	1.6	1.7	2.4	2.4	1.6	1.6	1.4	1.5	2.1
	Munshiganj Sada	1.4	0.9	1.3	1.4	1.7	1.6	1.4	1.4	1.6	1.7	2.4	2.4	1.6	1.6	1.5	1.5	2.1
	Serajdikhan	1.4	0.9	1.3	1.4	1.7	1.6	1.3	1.4	1.6	1.7	2.4	2.4	1.6	1.6	1.4	1.5	2.1
	Sreenagar	1.4	0.9	1.2	1.3	1.7	1.6	1.3	1.4	1.6	1.7	2.4	2.4	1.6	1.5	1.4	1.5	2.1
	Tongibari	1.4	0.9	1.3	1.4	1.7	1.6	1.4	1.4	1.6	1.7	2.4	2.4	1.6	1.6	1.5	1.5	2.1
Mymensingh	Bhaluka	1.7	1.0	1.4	1.3	1.6	1.7	1.4	1.5	1.8	1.8	2.3	2.4	1.7	1.7	1.5	1.6	2.0
	Dhobaura	1.7	1.1	1.4	1.3	1.5	1.7	1.5	1.6	1.9	1.7	2.1	2.3	1.7	1.7	1.4	1.7	1.9
	Fulbaria	1.7	1.1	1.4	1.3	1.6	1.7	1.4	1.5	1.8	1.8	2.2	2.4	1.7	1.7	1.4	1.6	2.0
	Gaffargaon	1.7	1.0	1.4	1.4	1.7	1.7	1.5	1.5	1.8	1.8	2.3	2.4	1.7	1.7	1.5	1.6	2.0
	Gauripur	1.7	1.1	1.4	1.3	1.6	1.7	1.5	1.6	1.8	1.7	2.2	2.4	1.7	1.7	1.4	1.6	2.0
	Haluaghat	1.7	1.1	1.4	1.3	1.5	1.7	1.5	1.6	1.9	1.7	2.1	2.3	1.7	1.7	1.4	1.6	1.9
	Ishwarganj	1.7	1.1	1.4	1.3	1.6	1.7	1.5	1.5	1.8	1.7	2.3	2.4	1.7	1.7	1.5	1.6	2.0
	Muktagachha	1.7	1.1	1.4	1.3	1.6	1.7	1.4	1.5	1.8	1.7	2.2	2.3	1.6	1.7	1.4	1.6	2.0

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	Mymensingh Sad	1.7	1.1	1.4	1.3	1.6	1.7	1.4	1.5	1.8	1.7	2.2	2.4	1.7	1.7	1.4	1.6	2.0
	Nandail	1.7	1.1	1.4	1.3	1.6	1.7	1.5	1.5	1.8	1.7	2.3	2.4	1.7	1.7	1.5	1.6	2.0
	Phulpur	1.7	1.1	1.4	1.3	1.6	1.7	1.5	1.6	1.9	1.7	2.1	2.3	1.7	1.7	1.4	1.6	1.9
	Tarakanda	1.7	1.1	1.4	1.3	1.6	1.7	1.5	1.6	1.8	1.7	2.2	2.4	1.7	1.7	1.4	1.6	1.9
	Trishal	1.7	1.1	1.4	1.3	1.6	1.7	1.4	1.5	1.8	1.8	2.3	2.4	1.7	1.7	1.4	1.6	2.0
Naogaon	Atrai	1.7	1.1	1.3	1.1	1.4	1.5	1.2	1.4	1.7	1.8	2.3	2.5	1.6	1.8	1.3	1.5	2.0
	Badalgachhi	1.7	1.2	1.4	1.0	1.3	1.5	1.2	1.5	1.7	1.8	2.2	2.5	1.6	1.8	1.2	1.5	2.0
	Dhamoirhat	1.7	1.2	1.4	1.0	1.2	1.4	1.2	1.5	1.7	1.8	2.2	2.6	1.6	1.8	1.2	1.5	2.0
	Manda	1.7	1.1	1.3	1.0	1.3	1.5	1.2	1.4	1.7	1.8	2.3	2.6	1.6	1.8	1.2	1.5	2.0
	Mahadebpur	1.7	1.1	1.4	1.0	1.3	1.4	1.2	1.4	1.7	1.8	2.2	2.6	1.6	1.8	1.2	1.5	2.0
	Naogaon Sadar	1.7	1.1	1.4	1.0	1.3	1.5	1.2	1.4	1.7	1.8	2.2	2.5	1.6	1.8	1.2	1.5	2.0
	Niamatpur	1.7	1.1	1.3	1.0	1.3	1.4	1.2	1.4	1.7	1.8	2.3	2.6	1.6	1.8	1.2	1.4	2.0
	Patnitala	1.7	1.2	1.4	0.9	1.2	1.4	1.2	1.5	1.7	1.8	2.2	2.6	1.6	1.8	1.2	1.4	2.0
	Porsha	1.6	1.1	1.4	0.9	1.2	1.4	1.2	1.4	1.7	1.8	2.3	2.6	1.6	1.8	1.2	1.4	2.0
	Raninagar	1.7	1.1	1.3	1.1	1.4	1.5	1.2	1.4	1.7	1.8	2.2	2.5	1.6	1.8	1.3	1.5	2.0
	Sapahar	1.6	1.2	1.4	0.9	1.2	1.3	1.2	1.4	1.7	1.8	2.2	2.6	1.6	1.8	1.2	1.4	2.0
Narail	Kalia	1.3	0.9	1.2	1.3	1.7	1.6	1.2	1.3	1.4	1.6	2.3	2.3	1.5	1.5	1.4	1.4	2.0
	Lohagara	1.3	0.9	1.2	1.3	1.7	1.6	1.2	1.3	1.5	1.7	2.4	2.3	1.5	1.5	1.4	1.4	2.0
	Narail Sadar	1.3	0.9	1.2	1.3	1.7	1.6	1.2	1.3	1.5	1.7	2.3	2.3	1.5	1.5	1.4	1.4	2.0
Narayanganj	Araihazar	1.6	0.9	1.3	1.4	1.7	1.6	1.4	1.4	1.7	1.8	2.4	2.5	1.6	1.6	1.5	1.5	2.1
	Bandar	1.5	0.9	1.3	1.4	1.7	1.6	1.4	1.4	1.6	1.7	2.4	2.4	1.6	1.6	1.5	1.5	2.1
	Narayanganj Sa	1.5	0.9	1.3	1.4	1.7	1.6	1.4	1.4	1.6	1.7	2.4	2.4	1.6	1.6	1.4	1.5	2.1
	Rupganj	1.6	0.9	1.3	1.4	1.7	1.6	1.4	1.4	1.7	1.8	2.4	2.4	1.6	1.6	1.5	1.5	2.1
	Sonargaon	1.5	0.9	1.3	1.4	1.7	1.6	1.4	1.4	1.7	1.7	2.4	2.4	1.6	1.6	1.5	1.5	2.1
Narsingdi	Belabo	1.7	1.0	1.4	1.4	1.7	1.7	1.5	1.5	1.8	1.8	2.4	2.5	1.7	1.7	1.5	1.6	2.1
	Manohardi	1.7	1.0	1.4	1.4	1.7	1.7	1.5	1.5	1.8	1.8	2.4	2.5	1.7	1.7	1.5	1.6	2.1
	Narsingdi Sada	1.6	1.0	1.4	1.4	1.7	1.7	1.4	1.5	1.7	1.8	2.4	2.5	1.7	1.7	1.5	1.6	2.1
	Palash	1.6	1.0	1.4	1.4	1.7	1.7	1.4	1.5	1.7	1.8	2.4	2.5	1.7	1.7	1.5	1.6	2.1
	Roypura	1.7	1.0	1.4	1.4	1.7	1.7	1.5	1.5	1.7	1.8	2.4	2.5	1.7	1.7	1.5	1.6	2.1
	Shibpur	1.7	1.0	1.4	1.4	1.7	1.7	1.5	1.5	1.7	1.8	2.4	2.5	1.7	1.7	1.5	1.6	2.1
Natore	Bagati Para	1.7	1.1	1.3	1.2	1.5	1.6	1.2	1.4	1.7	1.8	2.3	2.5	1.6	1.7	1.3	1.5	2.1
	Baraigram	1.6	1.1	1.3	1.2	1.5	1.6	1.2	1.4	1.7	1.8	2.3	2.5	1.6	1.7	1.4	1.5	2.1
	Gurudaspur	1.7	1.1	1.3	1.2	1.5	1.6	1.3	1.4	1.7	1.8	2.3	2.5	1.6	1.7	1.3	1.5	2.1
	Lalpur	1.7	1.0	1.3	1.2	1.6	1.6	1.2	1.4	1.7	1.8	2.3	2.5	1.6	1.7	1.3	1.5	2.1
	Naldanga	1.7	1.1	1.3	1.1	1.5	1.5	1.2	1.4	1.7	1.8	2.3	2.5	1.6	1.8	1.3	1.5	2.0
	Natore Sadar	1.7	1.1	1.3	1.2	1.5	1.6	1.2	1.4	1.7	1.8	2.3	2.5	1.6	1.7	1.3	1.5	2.0
	Singra	1.7	1.1	1.3	1.2	1.5	1.6	1.3	1.4	1.8	1.8	2.3	2.5	1.6	1.7	1.3	1.5	2.0
Netrakona	Atpara	1.8	1.1	1.4	1.3	1.6	1.7	1.5	1.6	1.9	1.7	2.2	2.4	1.7	1.8	1.5	1.7	2.0

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	Barhatta	1.8	1.1	1.4	1.3	1.6	1.7	1.6	1.6	1.9	1.7	2.2	2.4	1.7	1.8	1.4	1.7	1.9
	Durgapur	1.8	1.1	1.4	1.3	1.6	1.7	1.5	1.6	1.9	1.7	2.1	2.4	1.7	1.7	1.4	1.7	1.9
	Kalmakanda	1.8	1.1	1.4	1.3	1.6	1.7	1.6	1.6	1.9	1.7	2.1	2.4	1.7	1.7	1.4	1.7	1.9
	Kendua	1.7	1.1	1.4	1.3	1.6	1.7	1.5	1.6	1.8	1.7	2.3	2.4	1.7	1.7	1.5	1.7	2.0
	Khaliajuri	1.8	1.1	1.4	1.3	1.6	1.7	1.6	1.6	1.9	1.7	2.3	2.5	1.7	1.8	1.5	1.7	2.0
	Madan	1.8	1.1	1.4	1.3	1.6	1.7	1.6	1.6	1.8	1.7	2.3	2.4	1.7	1.8	1.5	1.7	2.0
	Mohanganj	1.8	1.1	1.4	1.3	1.6	1.7	1.6	1.6	1.9	1.7	2.2	2.4	1.7	1.8	1.5	1.7	2.0
	Netrokona Sada	1.7	1.1	1.4	1.3	1.6	1.7	1.5	1.6	1.9	1.7	2.2	2.4	1.7	1.7	1.4	1.7	1.9
	Purbadhala	1.7	1.1	1.4	1.3	1.6	1.7	1.5	1.6	1.9	1.7	2.2	2.4	1.7	1.7	1.4	1.7	1.9
Nilphamari	Dimla	1.9	1.8	2.0	1.3	1.4	1.4	1.4	1.5	1.8	1.6	1.8	2.2	1.7	2.0	1.6	1.5	1.7
	Domar	1.9	1.8	2.0	1.3	1.4	1.4	1.4	1.5	1.8	1.7	1.8	2.2	1.7	2.0	1.5	1.5	1.7
	Jaldhaka	1.9	1.7	1.9	1.2	1.4	1.4	1.4	1.5	1.8	1.7	1.8	2.2	1.7	1.9	1.5	1.5	1.7
	Kishoreganj	1.9	1.6	1.8	1.2	1.3	1.4	1.4	1.5	1.8	1.7	1.9	2.3	1.6	1.9	1.4	1.5	1.8
	Nilphamari Sada	1.9	1.6	1.8	1.2	1.3	1.4	1.4	1.5	1.8	1.7	1.9	2.3	1.6	1.9	1.4	1.5	1.8
	Saidpur	1.8	1.5	1.7	1.1	1.3	1.4	1.3	1.5	1.7	1.7	1.9	2.3	1.6	1.9	1.4	1.5	1.8
Noakhali	Begumganj	1.4	0.9	1.4	1.4	1.7	1.6	1.4	1.3	1.5	1.6	2.4	2.3	1.6	1.6	1.5	1.4	2.0
	Chatkhil	1.4	0.9	1.4	1.4	1.7	1.6	1.4	1.3	1.5	1.6	2.4	2.4	1.6	1.6	1.5	1.5	2.0
	Companiganj	1.4	1.0	1.5	1.5	1.7	1.5	1.4	1.3	1.5	1.5	2.3	2.2	1.6	1.5	1.5	1.4	1.9
	Hatiya	1.2	0.9	1.5	1.5	1.6	1.5	1.2	1.2	1.4	1.4	2.1	2.1	1.5	1.4	1.5	1.3	1.8
	Kabirhat	1.4	1.0	1.4	1.5	1.7	1.6	1.4	1.3	1.5	1.6	2.3	2.3	1.6	1.5	1.5	1.4	2.0
	Noakhali Sadar	1.3	0.9	1.4	1.4	1.7	1.6	1.3	1.3	1.5	1.6	2.3	2.3	1.6	1.5	1.5	1.4	1.9
	Senbagh	1.4	1.0	1.4	1.5	1.7	1.6	1.4	1.3	1.5	1.6	2.4	2.3	1.6	1.6	1.5	1.5	2.0
	Sonaimuri	1.4	0.9	1.4	1.4	1.7	1.6	1.4	1.3	1.5	1.6	2.4	2.4	1.6	1.6	1.5	1.5	2.0
	Subarnachar	1.3	1.0	1.5	1.5	1.6	1.5	1.3	1.3	1.4	1.5	2.2	2.2	1.5	1.5	1.5	1.4	1.9
Pabna	Atgharia	1.6	1.0	1.3	1.3	1.6	1.6	1.3	1.4	1.7	1.8	2.4	2.5	1.6	1.7	1.4	1.5	2.1
	Bera	1.5	0.9	1.2	1.3	1.6	1.6	1.3	1.4	1.7	1.8	2.4	2.4	1.6	1.6	1.4	1.5	2.1
	Bhangura	1.6	1.0	1.3	1.3	1.6	1.6	1.3	1.4	1.7	1.8	2.3	2.5	1.6	1.7	1.4	1.5	2.1
	Chatmohar	1.6	1.0	1.3	1.2	1.6	1.6	1.3	1.4	1.7	1.8	2.3	2.5	1.6	1.7	1.4	1.5	2.1
	Faridpur	1.6	1.0	1.3	1.3	1.6	1.7	1.3	1.4	1.7	1.8	2.3	2.5	1.6	1.7	1.4	1.5	2.1
	Ishwardi	1.6	1.0	1.3	1.2	1.6	1.6	1.2	1.4	1.7	1.8	2.3	2.5	1.6	1.7	1.4	1.5	2.1
	Pabna Sadar	1.6	1.0	1.2	1.3	1.6	1.6	1.2	1.4	1.7	1.8	2.4	2.5	1.6	1.7	1.4	1.5	2.1
	Santhia	1.6	1.0	1.3	1.3	1.6	1.7	1.3	1.4	1.7	1.8	2.4	2.4	1.6	1.7	1.4	1.5	2.1
	Sujanagar	1.5	0.9	1.2	1.3	1.6	1.6	1.3	1.4	1.7	1.8	2.4	2.4	1.6	1.6	1.4	1.5	2.1
Panchagarh	Atwari	1.9	1.9	2.0	1.3	1.4	1.4	1.4	1.5	1.8	1.7	1.8	2.2	1.7	2.0	1.6	1.5	1.7
	Boda	1.9	1.8	2.0	1.3	1.4	1.4	1.4	1.5	1.8	1.7	1.8	2.2	1.7	2.0	1.6	1.5	1.7
	Debiganj	1.9	1.8	2.0	1.3	1.4	1.4	1.4	1.5	1.8	1.7	1.8	2.2	1.7	2.0	1.5	1.5	1.7
	Panchagarh Sad	2.0	1.9	2.1	1.4	1.5	1.4	1.4	1.5	1.8	1.6	1.7	2.1	1.7	2.0	1.6	1.5	1.7
	Tentulia	2.0	2.1	2.2	1.4	1.5	1.4	1.5	1.6	1.8	1.6	1.7	2.0	1.7	2.0	1.7	1.6	1.6

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Patuakhali	Bauphal	1.2	0.9	1.4	1.4	1.6	1.5	1.2	1.3	1.4	1.5	2.2	2.1	1.5	1.4	1.5	1.3	1.8
	Dashmina	1.1	0.9	1.4	1.5	1.6	1.4	1.2	1.2	1.4	1.4	2.1	2.0	1.4	1.4	1.5	1.3	1.7
	Dumki	1.1	0.9	1.4	1.4	1.6	1.5	1.2	1.3	1.4	1.5	2.2	2.1	1.5	1.4	1.5	1.3	1.8
	Galachipa	1.1	0.9	1.4	1.5	1.6	1.4	1.1	1.2	1.3	1.4	2.0	2.0	1.4	1.3	1.5	1.3	1.7
	Kala Para	1.0	0.9	1.5	1.5	1.6	1.4	1.1	1.2	1.3	1.4	1.9	1.9	1.4	1.3	1.5	1.2	1.6
	Mirzaganj	1.1	0.9	1.4	1.4	1.6	1.5	1.1	1.3	1.3	1.5	2.1	2.1	1.4	1.4	1.5	1.3	1.8
	Patuakhali Sadar	1.1	0.9	1.4	1.4	1.6	1.5	1.1	1.2	1.3	1.5	2.1	2.1	1.4	1.4	1.5	1.3	1.8
	Rangabali	1.1	0.9	1.5	1.5	1.6	1.4	1.1	1.2	1.3	1.4	1.9	1.9	1.4	1.3	1.5	1.2	1.6
Pirojpur	Bhandaria	1.1	0.9	1.3	1.4	1.7	1.5	1.1	1.3	1.3	1.5	2.1	2.1	1.5	1.4	1.5	1.3	1.8
	Zianagar	1.1	0.9	1.3	1.4	1.7	1.5	1.1	1.3	1.3	1.5	2.1	2.1	1.5	1.4	1.5	1.3	1.8
	Kawkhali	1.1	0.9	1.3	1.4	1.7	1.6	1.2	1.3	1.3	1.5	2.2	2.2	1.5	1.4	1.4	1.3	1.9
	Mathbaria	1.1	0.9	1.4	1.4	1.6	1.5	1.1	1.3	1.3	1.5	2.1	2.0	1.4	1.3	1.5	1.3	1.8
	Nazirpur	1.2	0.9	1.3	1.4	1.7	1.6	1.2	1.3	1.4	1.6	2.3	2.2	1.5	1.4	1.4	1.4	1.9
	Nesarabad	1.1	0.9	1.3	1.4	1.7	1.6	1.2	1.3	1.4	1.6	2.3	2.2	1.5	1.4	1.4	1.4	1.9
	Pirojpur Sadar	1.1	0.9	1.3	1.4	1.7	1.6	1.1	1.3	1.3	1.5	2.2	2.2	1.5	1.4	1.4	1.3	1.9
Rajbari	Balia Kandi	1.4	0.9	1.2	1.3	1.7	1.6	1.2	1.4	1.6	1.7	2.4	2.4	1.6	1.6	1.4	1.4	2.1
	Goalandaghat	1.5	0.9	1.2	1.3	1.7	1.6	1.3	1.4	1.6	1.8	2.4	2.4	1.6	1.6	1.4	1.5	2.1
	Kalukhali	1.5	0.9	1.2	1.3	1.7	1.6	1.2	1.4	1.6	1.8	2.4	2.4	1.6	1.6	1.4	1.5	2.1
	Pangsha	1.5	0.9	1.2	1.3	1.6	1.6	1.2	1.4	1.7	1.8	2.4	2.4	1.6	1.6	1.4	1.5	2.1
	Rajbari Sadar	1.4	0.9	1.2	1.3	1.7	1.6	1.3	1.4	1.6	1.8	2.4	2.4	1.6	1.6	1.4	1.5	2.1
Rajshahi	Bagha	1.7	1.1	1.3	1.2	1.5	1.6	1.2	1.4	1.7	1.8	2.3	2.5	1.6	1.7	1.3	1.5	2.1
	Baghmara	1.7	1.1	1.3	1.1	1.4	1.5	1.2	1.4	1.7	1.8	2.3	2.5	1.6	1.8	1.3	1.5	2.0
	Charghat	1.7	1.1	1.3	1.2	1.5	1.5	1.2	1.4	1.7	1.8	2.3	2.5	1.6	1.8	1.3	1.5	2.1
	Durgapur	1.7	1.1	1.3	1.1	1.4	1.5	1.2	1.4	1.7	1.8	2.3	2.5	1.6	1.8	1.3	1.5	2.0
	Godagari	1.7	1.1	1.3	1.1	1.4	1.4	1.1	1.4	1.7	1.8	2.3	2.6	1.6	1.8	1.3	1.4	2.1
	Mohanpur	1.7	1.1	1.3	1.1	1.4	1.5	1.2	1.4	1.7	1.8	2.3	2.6	1.6	1.8	1.3	1.4	2.0
	Paba	1.7	1.1	1.3	1.1	1.4	1.5	1.2	1.4	1.7	1.8	2.3	2.6	1.6	1.8	1.3	1.4	2.1
	Puthia	1.7	1.1	1.3	1.1	1.5	1.5	1.2	1.4	1.7	1.8	2.3	2.5	1.6	1.8	1.3	1.5	2.1
	Tanore	1.7	1.1	1.3	1.1	1.4	1.4	1.2	1.4	1.7	1.8	2.3	2.6	1.6	1.8	1.2	1.4	2.1
Rangamati	Baghai Chhari	1.8	1.2	1.7	1.6	1.8	1.6	1.6	1.5	1.7	1.7	2.5	2.5	1.8	1.8	1.7	1.6	2.1
	Barkal	1.6	1.2	1.7	1.6	1.7	1.5	1.5	1.4	1.6	1.6	2.4	2.3	1.7	1.7	1.7	1.5	2.0
	Belai Chhari	1.5	1.1	1.8	1.6	1.6	1.4	1.4	1.3	1.6	1.4	2.2	2.0	1.6	1.5	1.7	1.4	1.8
	Jurai Chhari	1.6	1.2	1.8	1.6	1.7	1.5	1.5	1.3	1.6	1.5	2.3	2.1	1.6	1.6	1.7	1.5	1.9
	Kaptai	1.5	1.1	1.7	1.6	1.6	1.5	1.4	1.3	1.5	1.4	2.3	2.1	1.6	1.6	1.6	1.4	1.8
	Kawkhali	1.5	1.1	1.6	1.6	1.6	1.5	1.4	1.3	1.5	1.5	2.3	2.2	1.6	1.6	1.6	1.4	1.9
	Langadu	1.7	1.2	1.7	1.6	1.7	1.5	1.5	1.4	1.6	1.6	2.4	2.3	1.7	1.7	1.7	1.5	2.0
	Naniarchar	1.6	1.1	1.6	1.6	1.7	1.5	1.5	1.3	1.6	1.6	2.4	2.3	1.6	1.7	1.6	1.5	2.0
	Rajasthali	1.5	1.1	1.7	1.6	1.6	1.5	1.4	1.3	1.5	1.4	2.2	2.0	1.6	1.5	1.6	1.4	1.8

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	Rangamati Sada	1.6	1.1	1.7	1.6	1.7	1.5	1.5	1.3	1.6	1.5	2.3	2.2	1.6	1.6	1.6	1.5	1.9
Rangpur	Badarganj	1.8	1.4	1.7	1.1	1.3	1.4	1.3	1.5	1.7	1.7	2.0	2.3	1.6	1.9	1.3	1.5	1.8
	Gangachara	1.9	1.6	1.8	1.2	1.4	1.4	1.4	1.5	1.8	1.7	1.9	2.2	1.6	1.9	1.4	1.5	1.8
	Kaunia	1.9	1.5	1.7	1.2	1.4	1.5	1.4	1.5	1.8	1.7	1.9	2.2	1.6	1.9	1.4	1.5	1.8
	Mitha Pukur	1.8	1.4	1.6	1.1	1.3	1.4	1.3	1.5	1.8	1.7	2.0	2.3	1.6	1.8	1.3	1.5	1.8
	Pirgachha	1.8	1.4	1.7	1.2	1.3	1.5	1.4	1.5	1.8	1.7	1.9	2.3	1.6	1.8	1.4	1.5	1.8
	Pirganj	1.7	1.3	1.5	1.1	1.3	1.5	1.3	1.5	1.8	1.7	2.0	2.4	1.6	1.8	1.3	1.5	1.9
	Rangpur Sadar	1.8	1.5	1.7	1.2	1.3	1.4	1.4	1.5	1.8	1.7	1.9	2.3	1.6	1.9	1.4	1.5	1.8
	Taraganj	1.8	1.5	1.7	1.1	1.3	1.4	1.3	1.5	1.8	1.7	1.9	2.3	1.6	1.9	1.4	1.5	1.8
Satkhira	Assasuni	1.3	1.0	1.3	1.4	1.7	1.5	1.1	1.3	1.4	1.5	2.1	2.1	1.5	1.4	1.5	1.3	1.8
	Debhata	1.3	1.0	1.3	1.4	1.7	1.5	1.1	1.3	1.4	1.6	2.2	2.1	1.5	1.5	1.5	1.3	1.9
	Kalaroa	1.3	1.0	1.3	1.3	1.8	1.6	1.1	1.3	1.4	1.6	2.2	2.2	1.5	1.5	1.4	1.4	1.9
	Kaliganj	1.3	1.0	1.3	1.4	1.7	1.5	1.1	1.3	1.4	1.5	2.1	2.1	1.5	1.4	1.5	1.3	1.8
	Satkhira Sadar	1.3	1.0	1.3	1.3	1.7	1.5	1.1	1.3	1.4	1.6	2.2	2.2	1.5	1.5	1.5	1.3	1.9
	Shyamnagar	1.2	1.0	1.4	1.5	1.7	1.4	1.1	1.3	1.4	1.4	2.0	1.9	1.4	1.4	1.5	1.3	1.7
	Tala	1.3	1.0	1.3	1.3	1.7	1.6	1.1	1.3	1.4	1.6	2.2	2.2	1.5	1.5	1.4	1.3	1.9
Shariatpur	Bhedarganj	1.4	0.9	1.3	1.4	1.7	1.6	1.3	1.4	1.5	1.7	2.4	2.4	1.6	1.5	1.5	1.4	2.1
	Damudya	1.3	0.9	1.3	1.4	1.7	1.6	1.3	1.3	1.5	1.7	2.4	2.3	1.6	1.5	1.5	1.4	2.0
	Gosairhat	1.3	0.9	1.3	1.4	1.7	1.6	1.3	1.3	1.5	1.6	2.4	2.3	1.6	1.5	1.5	1.4	2.0
	Naria	1.4	0.9	1.3	1.4	1.7	1.6	1.3	1.4	1.5	1.7	2.4	2.4	1.6	1.5	1.5	1.5	2.1
	Shariatpur Sadar	1.3	0.9	1.3	1.4	1.7	1.6	1.3	1.3	1.5	1.7	2.4	2.4	1.6	1.5	1.4	1.4	2.0
	Zanjira	1.4	0.9	1.3	1.4	1.7	1.6	1.3	1.4	1.5	1.7	2.4	2.4	1.6	1.5	1.4	1.5	2.1
Sherpur	Jhenaigati	1.7	1.2	1.4	1.3	1.5	1.7	1.4	1.5	1.9	1.7	2.0	2.3	1.6	1.7	1.4	1.6	1.9
	Nakla	1.7	1.1	1.4	1.3	1.5	1.7	1.4	1.5	1.9	1.7	2.1	2.3	1.6	1.7	1.4	1.6	1.9
	Nalitabari	1.7	1.1	1.4	1.3	1.5	1.7	1.4	1.6	1.9	1.7	2.1	2.3	1.6	1.7	1.4	1.6	1.9
	Sherpur Sadar	1.7	1.1	1.4	1.3	1.5	1.7	1.4	1.5	1.8	1.7	2.1	2.3	1.6	1.7	1.4	1.6	1.9
	Sreebardi	1.7	1.2	1.4	1.3	1.5	1.7	1.4	1.5	1.9	1.7	2.1	2.3	1.6	1.7	1.4	1.6	1.9
Sirajganj	Belkuchi	1.6	1.0	1.3	1.3	1.6	1.7	1.3	1.4	1.8	1.8	2.3	2.4	1.6	1.7	1.4	1.5	2.1
	Chauhali	1.6	1.0	1.3	1.3	1.6	1.7	1.3	1.4	1.8	1.8	2.4	2.4	1.6	1.7	1.4	1.5	2.1
	Kamarkhanda	1.6	1.0	1.3	1.3	1.6	1.7	1.3	1.4	1.8	1.8	2.3	2.4	1.6	1.7	1.4	1.5	2.0
	Kazipur	1.7	1.1	1.4	1.2	1.5	1.6	1.3	1.5	1.8	1.8	2.2	2.4	1.6	1.7	1.4	1.6	2.0
	Royganj	1.7	1.1	1.3	1.2	1.5	1.6	1.3	1.4	1.8	1.8	2.3	2.4	1.6	1.7	1.4	1.5	2.0
	Shahjadpur	1.6	1.0	1.3	1.3	1.6	1.7	1.3	1.4	1.8	1.8	2.4	2.4	1.6	1.7	1.4	1.5	2.1
	Sirajganj Sadar	1.7	1.1	1.3	1.3	1.6	1.7	1.3	1.5	1.8	1.8	2.3	2.4	1.6	1.7	1.4	1.6	2.0
	Tarash	1.7	1.1	1.3	1.2	1.5	1.6	1.3	1.4	1.8	1.8	2.3	2.5	1.6	1.7	1.4	1.5	2.0
	Ullah Para	1.6	1.0	1.3	1.3	1.6	1.6	1.3	1.4	1.8	1.8	2.3	2.4	1.6	1.7	1.4	1.5	2.1
Sunamganj	Bishwambarpur	1.8	1.1	1.4	1.3	1.6	1.7	1.6	1.7	1.9	1.7	2.2	2.4	1.7	1.8	1.4	1.7	1.9
	Chhatak	1.8	1.1	1.5	1.3	1.6	1.7	1.7	1.7	1.9	1.7	2.3	2.5	1.7	1.8	1.5	1.7	2.0

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	Derai	1.8	1.1	1.4	1.3	1.7	1.7	1.6	1.6	1.9	1.7	2.3	2.5	1.7	1.8	1.5	1.7	2.0
	Dharampasha	1.8	1.1	1.4	1.3	1.6	1.7	1.6	1.6	1.9	1.7	2.2	2.4	1.7	1.8	1.4	1.7	1.9
	Dowarabazar	1.8	1.1	1.4	1.3	1.6	1.7	1.7	1.7	1.9	1.7	2.2	2.4	1.7	1.8	1.5	1.7	1.9
	Jagannathpur	1.8	1.1	1.5	1.3	1.7	1.7	1.7	1.6	1.9	1.7	2.3	2.5	1.7	1.8	1.5	1.7	2.0
	Jamalganj	1.8	1.1	1.4	1.3	1.6	1.7	1.6	1.6	1.9	1.7	2.2	2.4	1.7	1.8	1.5	1.7	1.9
	Dak. Sunamganj	1.8	1.1	1.4	1.3	1.6	1.7	1.6	1.6	1.9	1.7	2.2	2.4	1.7	1.8	1.5	1.7	2.0
	Sulla	1.8	1.1	1.4	1.4	1.7	1.7	1.6	1.6	1.9	1.7	2.3	2.5	1.7	1.8	1.5	1.7	2.0
	Sunamganj Sada	1.8	1.1	1.4	1.3	1.6	1.7	1.7	1.7	1.9	1.7	2.2	2.4	1.7	1.8	1.5	1.7	1.9
	Tahirpur	1.8	1.1	1.4	1.3	1.6	1.7	1.6	1.7	1.9	1.7	2.2	2.4	1.7	1.8	1.4	1.7	1.9
Sylhet	Balaganj	1.8	1.1	1.5	1.4	1.7	1.7	1.7	1.7	1.9	1.7	2.3	2.5	1.7	1.8	1.5	1.7	2.0
	Beani Bazar	1.8	1.1	1.5	1.3	1.7	1.7	1.8	1.7	1.9	1.7	2.4	2.5	1.8	1.8	1.5	1.8	2.0
	Bishwanath	1.8	1.1	1.5	1.3	1.7	1.7	1.7	1.7	1.9	1.7	2.3	2.5	1.7	1.8	1.5	1.7	2.0
	Companiganj	1.8	1.0	1.5	1.3	1.6	1.7	1.7	1.7	1.9	1.7	2.3	2.5	1.7	1.8	1.5	1.8	2.0
	Dakshin Surma	1.8	1.1	1.5	1.3	1.7	1.7	1.7	1.7	1.9	1.7	2.3	2.5	1.7	1.8	1.5	1.7	2.0
	Fenchuganj	1.8	1.1	1.5	1.4	1.7	1.7	1.7	1.7	1.9	1.7	2.4	2.5	1.7	1.8	1.5	1.7	2.0
	Jaintiapur	1.8	1.1	1.5	1.3	1.6	1.7	1.8	1.7	1.9	1.7	2.3	2.5	1.7	1.8	1.5	1.8	2.0
	Golabganj	1.8	1.1	1.5	1.3	1.7	1.7	1.8	1.7	1.9	1.7	2.3	2.5	1.7	1.8	1.5	1.8	2.0
	Gowainghat	1.8	1.0	1.5	1.3	1.6	1.7	1.8	1.7	1.9	1.7	2.3	2.5	1.7	1.8	1.5	1.8	2.0
	Kanaighat	1.8	1.1	1.5	1.3	1.7	1.7	1.8	1.7	1.9	1.7	2.4	2.5	1.8	1.8	1.5	1.8	2.0
	Sylhet Sadar	1.8	1.1	1.5	1.3	1.7	1.7	1.7	1.7	1.9	1.7	2.3	2.5	1.7	1.8	1.5	1.8	2.0
	Zakiganj	1.8	1.1	1.6	1.3	1.7	1.7	1.8	1.7	1.9	1.7	2.4	2.5	1.8	1.8	1.5	1.8	2.0
Tangail	Basail	1.6	1.0	1.3	1.3	1.6	1.7	1.4	1.4	1.8	1.8	2.3	2.4	1.6	1.7	1.4	1.6	2.1
	Bhuapur	1.6	1.1	1.3	1.3	1.6	1.7	1.3	1.5	1.8	1.8	2.3	2.4	1.6	1.7	1.4	1.6	2.0
	Delduar	1.6	1.0	1.3	1.3	1.7	1.7	1.3	1.4	1.8	1.8	2.4	2.4	1.6	1.7	1.4	1.6	2.1
	Dhanbari	1.7	1.1	1.4	1.3	1.6	1.7	1.4	1.5	1.8	1.8	2.2	2.4	1.6	1.7	1.4	1.6	2.0
	Ghatail	1.7	1.0	1.4	1.3	1.6	1.7	1.4	1.5	1.8	1.8	2.3	2.4	1.6	1.7	1.4	1.6	2.0
	Gopalpur	1.7	1.1	1.4	1.3	1.6	1.7	1.4	1.5	1.8	1.8	2.2	2.4	1.6	1.7	1.4	1.6	2.0
	Kalihati	1.6	1.0	1.3	1.3	1.6	1.7	1.4	1.5	1.8	1.8	2.3	2.4	1.6	1.7	1.4	1.6	2.1
	Mirzapur	1.6	1.0	1.3	1.3	1.7	1.7	1.4	1.4	1.8	1.8	2.4	2.4	1.7	1.7	1.4	1.6	2.1
	Madhupur	1.7	1.1	1.4	1.3	1.6	1.7	1.4	1.5	1.8	1.8	2.2	2.4	1.6	1.7	1.4	1.6	2.0
	Nagarpur	1.6	1.0	1.3	1.3	1.7	1.7	1.3	1.4	1.7	1.8	2.4	2.4	1.6	1.6	1.4	1.5	2.1
	Sakhipur	1.6	1.0	1.3	1.3	1.6	1.7	1.4	1.5	1.8	1.8	2.3	2.4	1.7	1.7	1.4	1.6	2.1
	Tangail Sadar	1.6	1.0	1.3	1.3	1.6	1.7	1.3	1.4	1.8	1.8	2.3	2.4	1.6	1.7	1.4	1.6	2.1
Thakurgaon	Baliadangi	1.8	1.8	1.9	1.2	1.3	1.3	1.3	1.5	1.8	1.7	1.8	2.2	1.6	1.9	1.5	1.5	1.8
	Haripur	1.8	1.6	1.8	1.1	1.2	1.2	1.2	1.5	1.7	1.8	2.0	2.3	1.6	1.9	1.4	1.4	1.9
	Pirganj	1.8	1.6	1.8	1.1	1.2	1.3	1.3	1.5	1.7	1.7	2.0	2.3	1.6	1.9	1.4	1.4	1.9
	Ranisankail	1.8	1.6	1.8	1.1	1.3	1.3	1.3	1.5	1.7	1.7	1.9	2.3	1.6	1.9	1.4	1.4	1.8
	Thakurgaon Sada	1.9	1.7	1.9	1.2	1.3	1.3	1.3	1.5	1.8	1.7	1.8	2.2	1.6	1.9	1.5	1.5	1.8

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Table 6.7: Projected minimum temperature change for 487 upazilas in Bangladesh under RCP4.5 scenarios for the year 2070.

Dist. Name	Upz. Name	Jan (°C)	Feb (°C)	Mar (°C)	Apr (°C)	May (°C)	Jun (°C)	Jul (°C)	Aug (°C)	Sep (°C)	Oct (°C)	Nov (°C)	Dec (°C)	Ann (°C)	Wint er(°C	Pre-mon	Mon (°C)	Post-mon(°C
Bagerhat	Bagerhat Sadar	2.6	1.8	1.6	1.9	1.8	1.9	1.7	1.7	1.6	1.9	2.5	2.5	2.0	2.3	1.8	1.7	2.2
	Chitalmari	2.7	1.8	1.6	1.9	1.8	2.0	1.7	1.7	1.7	2.0	2.5	2.5	2.0	2.4	1.7	1.8	2.2
	Fakirhat	2.6	1.8	1.7	1.9	1.8	1.9	1.7	1.7	1.6	2.0	2.5	2.5	2.0	2.3	1.8	1.7	2.2
	Kachua	2.6	1.8	1.6	1.8	1.7	1.9	1.7	1.7	1.6	1.9	2.4	2.5	2.0	2.3	1.7	1.7	2.2
	Mongla	2.1	1.7	1.7	1.8	1.7	1.8	1.6	1.6	1.5	1.7	2.3	2.4	1.8	2.1	1.7	1.6	2.0
	Mollahat	2.7	1.9	1.6	1.9	1.8	2.0	1.8	1.7	1.7	2.0	2.5	2.6	2.0	2.4	1.8	1.8	2.3
	Morrelganj	2.4	1.8	1.7	1.8	1.7	1.9	1.7	1.7	1.6	1.8	2.4	2.4	1.9	2.2	1.7	1.7	2.1
	Rampal	2.5	1.8	1.7	1.9	1.8	1.9	1.7	1.7	1.6	1.9	2.5	2.5	1.9	2.3	1.8	1.7	2.2
	Sarankhola	2.1	1.7	1.7	1.8	1.6	1.8	1.5	1.6	1.5	1.7	2.2	2.3	1.8	2.0	1.7	1.6	1.9
Bandarban	Alikadam	1.9	1.8	1.9	1.6	1.4	1.9	1.6	1.6	1.6	1.9	2.6	2.1	1.8	1.9	1.7	1.7	2.2
	Bandarban Sad	2.2	1.9	1.9	1.8	1.6	2.1	1.7	1.6	1.7	2.0	2.6	2.2	1.9	2.1	1.7	1.8	2.3
	Lama	2.0	1.8	1.9	1.7	1.5	1.9	1.7	1.6	1.6	1.9	2.5	2.1	1.9	2.0	1.7	1.7	2.2
	Naikhongchhar	1.8	1.8	1.9	1.6	1.4	1.8	1.6	1.5	1.6	1.9	2.5	2.0	1.8	1.9	1.6	1.6	2.2
	Rowangchhari	2.2	1.9	1.9	1.8	1.6	2.1	1.7	1.6	1.7	2.1	2.6	2.2	2.0	2.1	1.8	1.8	2.3
	Ruma	2.1	1.9	1.9	1.7	1.6	2.0	1.7	1.6	1.6	2.0	2.6	2.2	1.9	2.1	1.7	1.7	2.3
	Thanchi	2.0	1.9	1.9	1.6	1.5	1.9	1.6	1.6	1.6	2.0	2.6	2.1	1.9	2.0	1.7	1.7	2.3
Barguna	Amtali	2.2	1.7	1.7	1.8	1.6	1.9	1.6	1.6	1.6	1.7	2.2	2.3	1.8	2.1	1.7	1.7	2.0
	Bamna	2.3	1.7	1.7	1.8	1.7	1.9	1.6	1.7	1.6	1.8	2.3	2.4	1.9	2.1	1.7	1.7	2.0
	Barguna Sadar	2.2	1.7	1.7	1.8	1.6	1.8	1.6	1.6	1.6	1.7	2.2	2.3	1.8	2.1	1.7	1.6	2.0
	Betagi	2.3	1.8	1.7	1.8	1.6	1.9	1.6	1.7	1.6	1.8	2.3	2.4	1.9	2.2	1.7	1.7	2.1
	Patharghata	2.1	1.7	1.7	1.8	1.6	1.8	1.6	1.6	1.5	1.7	2.2	2.3	1.8	2.0	1.7	1.6	1.9
	Taltoli	2.0	1.7	1.7	1.8	1.6	1.8	1.5	1.6	1.5	1.6	2.2	2.3	1.8	2.0	1.7	1.6	1.9
Barisal	Agailjhara	2.7	1.9	1.6	1.9	1.7	2.1	1.8	1.8	1.7	2.1	2.6	2.6	2.0	2.4	1.7	1.8	2.3
	Babuganj	2.7	1.9	1.6	1.8	1.7	2.1	1.8	1.7	1.7	2.0	2.5	2.5	2.0	2.4	1.7	1.8	2.3
	Bakerganj	2.5	1.8	1.7	1.8	1.6	2.0	1.7	1.7	1.7	1.9	2.4	2.4	1.9	2.3	1.7	1.8	2.2
	Banari Para	2.7	1.9	1.6	1.8	1.7	2.0	1.8	1.7	1.7	2.0	2.5	2.5	2.0	2.4	1.7	1.8	2.3
	Barisal Sadar	2.6	1.9	1.6	1.8	1.7	2.0	1.7	1.7	1.7	2.0	2.5	2.5	2.0	2.3	1.7	1.8	2.2
	Gaurnadi	2.7	1.9	1.6	1.9	1.7	2.1	1.8	1.8	1.7	2.1	2.6	2.6	2.0	2.4	1.7	1.8	2.3
	Hizla	2.7	1.9	1.6	1.9	1.7	2.1	1.8	1.8	1.7	2.1	2.6	2.6	2.0	2.4	1.7	1.9	2.4
	Mehendiganj	2.7	1.9	1.6	1.8	1.7	2.1	1.8	1.7	1.7	2.1	2.5	2.5	2.0	2.4	1.7	1.8	2.3
	Muladi	2.7	1.9	1.6	1.9	1.7	2.1	1.8	1.8	1.7	2.1	2.6	2.6	2.0	2.4	1.7	1.8	2.3
	Wazirpur	2.7	1.9	1.6	1.8	1.7	2.1	1.8	1.8	1.7	2.0	2.5	2.5	2.0	2.4	1.7	1.8	2.3
Bhola	Bhola Sadar	2.6	1.9	1.7	1.8	1.6	2.1	1.7	1.7	1.7	2.0	2.5	2.5	2.0	2.3	1.7	1.8	2.3
	Burhanuddin	2.4	1.8	1.7	1.8	1.6	2.0	1.7	1.7	1.7	2.0	2.4	2.4	1.9	2.2	1.7	1.8	2.2
	Char Fasson	2.1	1.7	1.8	1.7	1.5	1.9	1.6	1.6	1.6	1.8	2.2	2.3	1.8	2.0	1.7	1.7	2.0

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	Daulatkhan	2.5	1.9	1.7	1.8	1.6	2.1	1.7	1.7	1.7	2.0	2.5	2.4	2.0	2.3	1.7	1.8	2.3
	Lalmohan	2.3	1.8	1.7	1.8	1.6	2.0	1.7	1.7	1.6	1.9	2.4	2.3	1.9	2.1	1.7	1.7	2.1
	Manpura	2.2	1.8	1.7	1.7	1.5	2.0	1.7	1.7	1.6	1.9	2.3	2.3	1.9	2.1	1.7	1.7	2.1
	Tazumuddin	2.4	1.8	1.7	1.8	1.6	2.0	1.7	1.7	1.7	2.0	2.4	2.4	1.9	2.2	1.7	1.8	2.2
Bogra	Adamdighi	2.6	1.5	1.9	2.2	2.0	1.7	1.9	1.8	1.8	2.6	2.8	2.6	2.1	2.2	2.0	1.8	2.7
	Bogra Sadar	2.5	1.5	1.9	2.1	1.9	1.8	1.9	1.9	1.8	2.6	2.7	2.6	2.1	2.2	2.0	1.8	2.7
	Dhunat	2.6	1.6	1.9	2.1	1.9	1.9	1.9	1.9	1.8	2.6	2.8	2.7	2.1	2.3	2.0	1.9	2.7
	Dhupchanchia	2.6	1.5	1.9	2.2	1.9	1.7	1.9	1.8	1.8	2.6	2.7	2.5	2.1	2.2	2.0	1.8	2.7
	Gabtali	2.5	1.5	1.9	2.1	1.9	1.9	1.9	1.9	1.8	2.6	2.8	2.6	2.1	2.2	2.0	1.9	2.7
	Kahaloo	2.6	1.5	1.9	2.2	1.9	1.8	1.9	1.8	1.8	2.6	2.8	2.6	2.1	2.2	2.0	1.8	2.7
	Nandigram	2.6	1.6	1.9	2.2	1.9	1.8	1.9	1.8	1.8	2.6	2.8	2.6	2.1	2.3	2.0	1.8	2.7
	Sariakandi	2.5	1.5	1.8	2.1	1.8	1.9	1.9	1.9	1.8	2.6	2.8	2.6	2.1	2.2	1.9	1.9	2.7
	Shajahanpur	2.6	1.6	1.9	2.2	1.9	1.9	1.9	1.9	1.8	2.6	2.8	2.6	2.1	2.3	2.0	1.9	2.7
	Sherpur	2.6	1.6	1.9	2.2	1.9	1.9	1.9	1.9	1.8	2.5	2.8	2.7	2.1	2.3	2.0	1.9	2.7
	Shibganj	2.5	1.5	1.9	2.1	1.9	1.8	1.9	1.8	1.8	2.6	2.7	2.5	2.1	2.2	2.0	1.8	2.7
	Sonatola	2.5	1.5	1.9	2.1	1.8	1.9	1.9	1.9	1.8	2.6	2.7	2.6	2.1	2.2	1.9	1.9	2.7
Brahaman baria	Akhaura	2.7	1.8	1.6	2.0	1.6	2.3	1.9	1.9	1.9	2.5	2.9	2.8	2.2	2.4	1.8	2.0	2.7
	Ashuganj	2.7	1.8	1.7	2.1	1.7	2.3	1.9	1.9	1.9	2.5	2.9	2.9	2.2	2.4	1.8	2.0	2.7
	Banchharampu	2.7	1.8	1.6	2.0	1.7	2.3	1.9	1.9	1.9	2.4	2.9	2.8	2.2	2.5	1.8	2.0	2.6
	Bijoynagar	2.7	1.8	1.6	2.1	1.7	2.3	1.9	1.9	1.9	2.5	2.9	2.9	2.2	2.4	1.8	2.0	2.7
	Brahmanbaria Sadar	2.7	1.8	1.6	2.0	1.7	2.3	1.9	1.9	1.9	2.5	2.9	2.9	2.2	2.4	1.8	2.0	2.7
	Kasba	2.7	1.8	1.6	2.0	1.6	2.3	1.9	1.9	1.9	2.5	2.9	2.8	2.2	2.4	1.8	2.0	2.7
	Nabinagar	2.7	1.8	1.6	2.0	1.7	2.3	1.9	1.9	1.9	2.5	2.9	2.8	2.2	2.5	1.8	2.0	2.7
	Nasirnagar	2.6	1.7	1.7	2.1	1.7	2.3	1.9	1.9	1.9	2.6	2.9	2.9	2.2	2.4	1.8	2.0	2.7
	Sarail	2.7	1.8	1.7	2.1	1.7	2.3	1.9	1.9	1.9	2.5	2.9	2.9	2.2	2.4	1.8	2.0	2.7
Chapai Nawabganj	Bholahat	2.7	1.6	2.1	2.3	2.1	1.4	1.9	1.7	1.8	2.6	2.7	2.5	2.1	2.2	2.2	1.7	2.7
	Chapai Nawabganj Sad	2.8	1.7	2.2	2.3	2.2	1.5	1.9	1.8	1.8	2.6	2.8	2.6	2.2	2.3	2.2	1.8	2.7
	Gomastapur	2.7	1.6	2.1	2.3	2.1	1.5	1.9	1.7	1.8	2.6	2.7	2.5	2.1	2.2	2.2	1.7	2.7
	Nachole	2.7	1.6	2.1	2.3	2.1	1.5	1.9	1.8	1.8	2.6	2.7	2.5	2.1	2.3	2.2	1.7	2.7
	Shibganj	2.7	1.6	2.2	2.3	2.2	1.5	1.9	1.7	1.8	2.6	2.8	2.5	2.2	2.3	2.2	1.7	2.7
Chandpur	Chandpur Sadar	2.8	1.9	1.6	1.9	1.7	2.2	1.8	1.8	1.8	2.2	2.7	2.7	2.1	2.5	1.7	1.9	2.5
	Faridganj	2.8	1.9	1.6	1.9	1.7	2.2	1.8	1.8	1.8	2.2	2.7	2.7	2.1	2.4	1.7	1.9	2.5
	Haim Char	2.8	1.9	1.6	1.9	1.7	2.2	1.8	1.8	1.7	2.2	2.6	2.6	2.1	2.4	1.7	1.9	2.4
	Hajiganj	2.8	1.9	1.6	1.9	1.7	2.2	1.8	1.8	1.8	2.3	2.7	2.7	2.1	2.5	1.7	1.9	2.5
	Kachua	2.8	1.9	1.6	2.0	1.7	2.3	1.8	1.8	1.8	2.3	2.8	2.7	2.1	2.5	1.7	1.9	2.5

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	Matlab Dakshin	2.8	1.9	1.6	2.0	1.7	2.2	1.8	1.8	1.8	2.3	2.8	2.7	2.1	2.5	1.7	1.9	2.5
	Matlab Uttar	2.8	1.9	1.6	2.0	1.7	2.2	1.8	1.8	1.8	2.3	2.8	2.8	2.1	2.5	1.8	1.9	2.5
	Shahrasti	2.8	1.9	1.6	1.9	1.6	2.3	1.8	1.8	1.8	2.3	2.7	2.7	2.1	2.5	1.7	1.9	2.5
Chittagon	Anowara	2.2	1.9	1.8	1.7	1.5	2.1	1.7	1.6	1.7	2.0	2.5	2.2	1.9	2.1	1.7	1.8	2.3
	Banshkhali	2.1	1.8	1.9	1.7	1.5	2.0	1.7	1.6	1.6	2.0	2.5	2.2	1.9	2.0	1.7	1.7	2.2
	Boalkhali	2.3	1.9	1.8	1.8	1.6	2.1	1.7	1.7	1.7	2.1	2.6	2.3	2.0	2.2	1.7	1.8	2.3
	Chandanaish	2.2	1.9	1.8	1.8	1.6	2.1	1.7	1.6	1.7	2.0	2.6	2.2	1.9	2.1	1.7	1.8	2.3
	Fatikchhari	2.6	2.0	1.8	1.9	1.6	2.2	1.7	1.7	1.8	2.2	2.6	2.5	2.0	2.3	1.8	1.9	2.4
	Hathazari	2.4	1.9	1.8	1.8	1.6	2.2	1.7	1.7	1.7	2.1	2.6	2.4	2.0	2.2	1.7	1.8	2.3
	Lohagara	2.1	1.9	1.9	1.7	1.5	2.0	1.7	1.6	1.6	2.0	2.5	2.2	1.9	2.0	1.7	1.7	2.2
	Mirsharai	2.6	2.0	1.7	1.9	1.6	2.2	1.8	1.7	1.8	2.2	2.6	2.5	2.0	2.4	1.7	1.9	2.4
	Patiya	2.3	1.9	1.8	1.8	1.6	2.1	1.7	1.7	1.7	2.0	2.6	2.3	1.9	2.2	1.7	1.8	2.3
	Rangunia	2.4	2.0	1.8	1.8	1.6	2.1	1.7	1.7	1.7	2.1	2.6	2.3	2.0	2.2	1.8	1.8	2.4
	Raozan	2.4	2.0	1.8	1.8	1.6	2.2	1.7	1.7	1.7	2.1	2.6	2.4	2.0	2.2	1.8	1.8	2.4
	Sandwip	2.4	1.9	1.8	1.8	1.6	2.1	1.7	1.7	1.7	2.1	2.5	2.4	2.0	2.2	1.7	1.8	2.3
	Satkania	2.2	1.9	1.9	1.7	1.5	2.0	1.7	1.6	1.7	2.0	2.5	2.2	1.9	2.1	1.7	1.7	2.3
	Sitakunda	2.4	1.9	1.8	1.8	1.6	2.1	1.7	1.7	1.7	2.1	2.6	2.4	2.0	2.3	1.7	1.8	2.3
Chuadanga	Alamdanga	2.9	1.8	1.9	2.2	2.1	1.8	1.8	1.8	1.7	2.3	2.8	2.8	2.2	2.5	2.1	1.8	2.6
	Chuadanga Sadar	2.9	1.8	1.9	2.2	2.1	1.8	1.8	1.8	1.7	2.2	2.8	2.8	2.2	2.5	2.1	1.8	2.5
	Damurhuda	2.9	1.8	1.9	2.2	2.1	1.7	1.8	1.8	1.7	2.2	2.8	2.8	2.2	2.5	2.1	1.7	2.5
	Jiban Nagar	2.9	1.9	1.9	2.1	2.1	1.8	1.8	1.7	1.7	2.2	2.8	2.8	2.1	2.5	2.0	1.7	2.5
Comilla	Barura	2.8	1.9	1.6	2.0	1.6	2.3	1.8	1.8	1.8	2.3	2.8	2.7	2.1	2.5	1.7	1.9	2.6
	Brahman Para	2.7	1.8	1.6	2.0	1.6	2.3	1.8	1.8	1.8	2.4	2.8	2.8	2.1	2.5	1.8	2.0	2.6
	Burichang	2.7	1.9	1.6	2.0	1.6	2.3	1.8	1.8	1.8	2.4	2.8	2.8	2.1	2.5	1.7	1.9	2.6
	Chandina	2.8	1.9	1.6	2.0	1.6	2.3	1.8	1.8	1.8	2.3	2.8	2.8	2.1	2.5	1.7	1.9	2.6
	Chauddagram	2.7	1.9	1.6	1.9	1.6	2.3	1.8	1.8	1.8	2.3	2.8	2.7	2.1	2.4	1.7	1.9	2.5
	Comilla Adarsha Sadar	2.7	1.9	1.6	2.0	1.6	2.3	1.8	1.8	1.8	2.4	2.8	2.8	2.1	2.5	1.7	1.9	2.6
	Daudkandi	2.8	1.9	1.6	2.0	1.7	2.3	1.8	1.8	1.8	2.3	2.8	2.8	2.1	2.5	1.8	1.9	2.6
	Debidwar	2.7	1.9	1.6	2.0	1.6	2.3	1.8	1.8	1.8	2.4	2.8	2.8	2.1	2.5	1.7	1.9	2.6
	Homna	2.7	1.8	1.6	2.0	1.7	2.3	1.9	1.9	1.8	2.4	2.8	2.8	2.1	2.5	1.8	2.0	2.6
	Laksam	2.8	1.9	1.6	1.9	1.6	2.3	1.8	1.8	1.8	2.3	2.7	2.7	2.1	2.5	1.7	1.9	2.5
	Meghna	2.8	1.9	1.6	2.0	1.7	2.2	1.9	1.8	1.8	2.4	2.8	2.8	2.1	2.5	1.8	1.9	2.6
	Manoharganj	2.7	1.9	1.6	1.9	1.6	2.3	1.8	1.8	1.8	2.3	2.7	2.6	2.1	2.4	1.7	1.9	2.5
	Muradnagar	2.7	1.8	1.6	2.0	1.6	2.3	1.9	1.8	1.8	2.4	2.8	2.8	2.1	2.5	1.8	2.0	2.6
	Nangalkot	2.7	1.9	1.7	1.9	1.6	2.3	1.8	1.8	1.8	2.3	2.7	2.6	2.1	2.4	1.7	1.9	2.5
	Comilla Sadar Dak	2.8	1.9	1.6	2.0	1.6	2.3	1.8	1.8	1.8	2.3	2.8	2.7	2.1	2.5	1.7	1.9	2.6

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	Titas	2.8	1.9	1.6	2.0	1.7	2.3	1.8	1.8	1.8	2.4	2.8	2.8	2.1	2.5	1.8	1.9	2.6
Cox'sBazar	Chakaria	1.9	1.8	1.9	1.6	1.4	1.9	1.6	1.6	1.6	1.9	2.4	2.1	1.8	1.9	1.7	1.7	2.2
	Cox's Bazar Sa	1.8	1.8	1.9	1.6	1.4	1.8	1.6	1.5	1.6	1.9	2.4	2.0	1.8	1.9	1.6	1.6	2.1
	Kutubdia	2.0	1.8	1.9	1.6	1.4	1.9	1.7	1.6	1.6	1.9	2.4	2.1	1.8	2.0	1.7	1.7	2.1
	Maheshkhali	1.8	1.8	1.9	1.6	1.4	1.9	1.6	1.5	1.6	1.8	2.4	2.0	1.8	1.9	1.6	1.6	2.1
	Pekua	2.0	1.8	1.9	1.6	1.4	1.9	1.7	1.6	1.6	1.9	2.4	2.1	1.8	2.0	1.7	1.7	2.2
	Ramu	1.8	1.8	1.9	1.6	1.3	1.8	1.6	1.5	1.5	1.9	2.4	2.0	1.8	1.9	1.6	1.6	2.1
	Teknaf	1.8	1.8	1.8	1.6	1.2	1.7	1.6	1.5	1.4	1.8	2.3	1.9	1.7	1.8	1.5	1.6	2.1
	Ukhia	1.8	1.7	1.8	1.6	1.3	1.8	1.6	1.5	1.5	1.8	2.3	1.9	1.7	1.8	1.6	1.6	2.1
Dhaka	Dhamrai	2.8	1.9	1.7	2.1	1.8	2.2	1.9	1.9	1.9	2.5	2.9	2.9	2.2	2.5	1.8	2.0	2.7
	Dohar	2.8	1.9	1.6	2.0	1.8	2.2	1.9	1.9	1.8	2.3	2.8	2.8	2.1	2.5	1.8	1.9	2.6
	Keraniganj	2.8	1.9	1.6	2.0	1.7	2.2	1.9	1.9	1.8	2.4	2.8	2.8	2.2	2.5	1.8	1.9	2.6
	Nawabganj	2.8	1.9	1.6	2.0	1.8	2.2	1.9	1.9	1.8	2.4	2.8	2.8	2.1	2.5	1.8	1.9	2.6
	Savar	2.8	1.9	1.7	2.0	1.8	2.2	1.9	1.9	1.9	2.4	2.9	2.9	2.2	2.5	1.8	2.0	2.7
Dinajpur	Birampur	2.5	1.4	1.9	2.1	1.9	1.6	1.9	1.8	1.7	2.6	2.6	2.4	2.0	2.1	2.0	1.7	2.6
	Birganj	2.6	1.7	2.1	2.0	1.9	1.7	1.9	1.8	1.9	2.5	2.4	2.6	2.1	2.3	2.0	1.8	2.5
	Biral	2.5	1.5	2.1	2.1	1.9	1.6	1.9	1.8	1.8	2.6	2.5	2.4	2.1	2.2	2.0	1.8	2.5
	Bochaganj	2.6	1.6	2.1	2.1	1.9	1.6	1.9	1.8	1.8	2.5	2.5	2.5	2.1	2.2	2.0	1.8	2.5
	Chirirbandar	2.5	1.5	2.0	2.1	1.9	1.6	1.9	1.8	1.8	2.6	2.5	2.5	2.1	2.2	2.0	1.8	2.5
	Dinajpur Sadar	2.5	1.5	2.0	2.1	1.9	1.6	1.9	1.8	1.8	2.6	2.5	2.4	2.1	2.1	2.0	1.8	2.6
	Fulbari	2.5	1.4	2.0	2.1	1.9	1.6	1.9	1.8	1.8	2.6	2.6	2.4	2.0	2.1	2.0	1.7	2.6
	Ghoraghat	2.4	1.4	1.9	2.1	1.9	1.7	1.9	1.8	1.7	2.6	2.6	2.4	2.0	2.1	2.0	1.8	2.6
	Hakimpur	2.5	1.4	1.9	2.1	1.9	1.6	1.9	1.8	1.7	2.6	2.6	2.4	2.0	2.1	2.0	1.8	2.6
	Kaharole	2.6	1.6	2.1	2.0	1.9	1.7	1.9	1.8	1.8	2.5	2.5	2.5	2.1	2.2	2.0	1.8	2.5
	Khansama	2.6	1.6	2.1	2.0	1.9	1.7	1.9	1.8	1.8	2.5	2.5	2.6	2.1	2.3	2.0	1.8	2.5
	Nawabganj	2.4	1.4	1.9	2.1	1.9	1.7	1.9	1.8	1.7	2.6	2.6	2.4	2.0	2.1	2.0	1.8	2.6
	Parbatipur	2.5	1.5	2.0	2.1	1.9	1.7	1.9	1.8	1.8	2.6	2.5	2.5	2.1	2.1	2.0	1.8	2.6
Faridpur	Alfadanga	2.9	1.9	1.7	2.0	1.9	2.0	1.8	1.8	1.7	2.2	2.7	2.8	2.1	2.5	1.8	1.8	2.4
	Bhanga	2.8	1.9	1.6	2.0	1.8	2.1	1.8	1.8	1.8	2.2	2.7	2.8	2.1	2.5	1.8	1.9	2.5
	Boalmari	2.9	1.9	1.7	2.0	1.9	2.0	1.8	1.8	1.7	2.2	2.7	2.8	2.1	2.5	1.9	1.9	2.5
	Char Bhadrasan	2.8	1.9	1.6	2.0	1.8	2.1	1.9	1.9	1.8	2.3	2.8	2.8	2.1	2.5	1.8	1.9	2.5
	Faridpur Sadar	2.8	1.9	1.7	2.0	1.8	2.1	1.8	1.8	1.8	2.3	2.8	2.8	2.1	2.5	1.8	1.9	2.5
	Madhukhali	2.9	1.9	1.7	2.0	1.9	2.0	1.8	1.8	1.8	2.3	2.8	2.8	2.1	2.5	1.9	1.9	2.5
	Nagarkanda	2.8	1.9	1.6	2.0	1.8	2.1	1.8	1.8	1.8	2.2	2.7	2.8	2.1	2.5	1.8	1.9	2.5
	Sadarpur	2.8	1.9	1.6	2.0	1.8	2.1	1.9	1.8	1.8	2.3	2.8	2.8	2.1	2.5	1.8	1.9	2.5
	Saltha	2.9	1.9	1.6	2.0	1.9	2.1	1.8	1.8	1.7	2.2	2.7	2.8	2.1	2.5	1.8	1.9	2.5
Feni	Chhagalnaiya	2.7	2.0	1.7	1.9	1.6	2.3	1.8	1.8	1.8	2.3	2.7	2.6	2.1	2.4	1.7	1.9	2.5
	Daganbhuiyan	2.7	2.0	1.7	1.9	1.6	2.2	1.8	1.8	1.8	2.2	2.7	2.6	2.1	2.4	1.7	1.9	2.4

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	Feni Sadar	2.7	2.0	1.7	1.9	1.6	2.3	1.8	1.8	1.8	2.2	2.7	2.6	2.1	2.4	1.7	1.9	2.5
	Fulgazi	2.7	2.0	1.7	1.9	1.6	2.3	1.8	1.8	1.8	2.3	2.7	2.6	2.1	2.4	1.7	1.9	2.5
	Parshuram	2.7	1.9	1.7	2.0	1.6	2.3	1.8	1.8	1.8	2.3	2.8	2.7	2.1	2.4	1.7	1.9	2.5
	Sonagazi	2.6	2.0	1.7	1.9	1.6	2.2	1.8	1.8	1.8	2.2	2.6	2.5	2.1	2.4	1.7	1.9	2.4
Gaibandha	Gaibandha Sadar	2.4	1.3	1.8	2.1	1.8	1.8	1.9	1.8	1.7	2.6	2.6	2.5	2.0	2.1	1.9	1.8	2.6
	Gobindaganj	2.5	1.4	1.9	2.1	1.9	1.8	1.9	1.8	1.8	2.6	2.7	2.5	2.1	2.1	2.0	1.8	2.6
	Palashbari	2.4	1.4	1.9	2.1	1.8	1.8	1.9	1.8	1.7	2.6	2.7	2.5	2.1	2.1	2.0	1.8	2.6
	Fulchhari	2.4	1.4	1.8	2.1	1.8	1.9	1.9	1.9	1.7	2.6	2.7	2.5	2.1	2.1	1.9	1.8	2.6
	Sadullapur	2.4	1.4	1.9	2.1	1.8	1.8	1.9	1.8	1.7	2.6	2.6	2.5	2.0	2.1	1.9	1.8	2.6
	Saghatta	2.4	1.4	1.9	2.1	1.8	1.9	1.9	1.9	1.8	2.6	2.7	2.5	2.1	2.1	1.9	1.9	2.7
	Sundarganj	2.4	1.4	1.9	2.1	1.8	1.8	1.9	1.9	1.8	2.6	2.6	2.6	2.1	2.1	1.9	1.8	2.6
Gazipur	Gazipur Sadar	2.7	1.8	1.7	2.1	1.8	2.2	1.9	1.9	1.9	2.5	2.9	2.9	2.2	2.5	1.8	2.0	2.7
	Kaliganj	2.7	1.8	1.7	2.1	1.7	2.3	1.9	1.9	1.9	2.5	2.9	2.9	2.2	2.5	1.8	2.0	2.7
	Kaliakair	2.7	1.9	1.7	2.1	1.8	2.2	1.9	1.9	1.9	2.5	2.9	2.9	2.2	2.5	1.9	2.0	2.7
	Kapasia	2.7	1.8	1.7	2.1	1.7	2.3	1.9	1.9	1.9	2.5	2.9	2.9	2.2	2.5	1.8	2.0	2.7
	Sreepur	2.7	1.8	1.7	2.1	1.8	2.2	1.9	1.9	1.9	2.5	2.9	2.9	2.2	2.5	1.9	2.0	2.7
Gopalganj	Gopalganj Sadar	2.8	1.9	1.6	1.9	1.8	2.0	1.8	1.8	1.7	2.1	2.6	2.7	2.1	2.4	1.8	1.8	2.3
	Kashiani	2.8	1.9	1.6	2.0	1.8	2.0	1.8	1.8	1.7	2.1	2.7	2.7	2.1	2.5	1.8	1.8	2.4
	Kotali Para	2.8	1.9	1.6	1.9	1.8	2.1	1.8	1.8	1.7	2.1	2.6	2.6	2.0	2.4	1.8	1.8	2.3
	Muksudpur	2.8	1.9	1.6	2.0	1.8	2.1	1.8	1.8	1.7	2.2	2.7	2.7	2.1	2.5	1.8	1.9	2.4
	Tungi Para	2.7	1.9	1.6	1.9	1.8	2.0	1.8	1.8	1.7	2.0	2.6	2.6	2.0	2.4	1.8	1.8	2.3
Habiganj	Ajmiriganj	2.6	1.6	1.7	2.1	1.8	2.3	1.9	1.9	1.9	2.6	2.9	2.8	2.2	2.4	1.9	2.0	2.7
	Bahubal	2.6	1.6	1.7	2.1	1.8	2.3	1.9	1.9	1.9	2.6	2.9	2.8	2.2	2.4	1.8	2.0	2.7
	Baniachong	2.6	1.6	1.7	2.1	1.8	2.3	1.9	1.9	1.9	2.6	2.9	2.8	2.2	2.4	1.9	2.0	2.7
	Chunarughat	2.6	1.7	1.6	2.1	1.7	2.3	1.9	1.9	1.9	2.5	2.9	2.9	2.2	2.4	1.8	2.0	2.7
	Habiganj Sadar	2.6	1.7	1.7	2.1	1.7	2.3	1.9	1.9	1.9	2.6	2.9	2.8	2.2	2.4	1.8	2.0	2.7
	Lakhai	2.6	1.7	1.7	2.1	1.7	2.3	1.9	1.9	1.9	2.6	2.9	2.9	2.2	2.4	1.8	2.0	2.7
	Madhabpur	2.6	1.7	1.6	2.1	1.7	2.3	1.9	1.9	1.9	2.5	2.9	2.9	2.2	2.4	1.8	2.0	2.7
	Nabiganj	2.6	1.6	1.7	2.2	1.8	2.3	1.8	1.8	1.9	2.6	2.9	2.8	2.2	2.3	1.9	2.0	2.7
Jamalpur	Bakshiganj	2.4	1.4	1.8	2.1	1.8	2.0	1.9	1.9	1.8	2.6	2.7	2.6	2.1	2.1	1.9	1.9	2.6
	Dewanganj	2.4	1.4	1.8	2.1	1.8	1.9	1.9	1.9	1.7	2.6	2.7	2.6	2.1	2.1	1.9	1.9	2.6
	Islampur	2.4	1.4	1.8	2.1	1.8	2.0	1.9	1.9	1.8	2.6	2.7	2.6	2.1	2.2	1.9	1.9	2.7
	Jamalpur Sadar	2.5	1.5	1.8	2.1	1.8	2.1	1.9	1.9	1.8	2.6	2.8	2.7	2.1	2.2	1.9	1.9	2.7
	Madarganj	2.5	1.5	1.8	2.1	1.8	2.0	1.9	1.9	1.8	2.6	2.8	2.6	2.1	2.2	1.9	1.9	2.7
	Melandaha	2.5	1.5	1.8	2.1	1.8	2.0	1.9	1.9	1.8	2.6	2.8	2.6	2.1	2.2	1.9	1.9	2.7
	Sharishabari	2.6	1.6	1.8	2.1	1.8	2.0	1.9	1.9	1.8	2.6	2.8	2.7	2.1	2.3	1.9	1.9	2.7
Jessore	Abhaynagar	2.8	1.9	1.7	2.0	1.9	1.9	1.8	1.7	1.6	2.0	2.6	2.7	2.0	2.4	1.9	1.8	2.3
	Bagher Para	2.9	1.9	1.7	2.0	2.0	1.9	1.8	1.8	1.7	2.1	2.7	2.8	2.1	2.5	1.9	1.8	2.4

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	Chaugachha	2.9	1.9	1.8	2.1	2.1	1.8	1.8	1.7	1.6	2.1	2.7	2.8	2.1	2.5	2.0	1.7	2.4
	Sadar	2.8	1.9	1.7	2.0	2.0	1.9	1.8	1.7	1.6	2.1	2.7	2.7	2.1	2.5	1.9	1.8	2.4
	Jhikargachha	2.8	1.9	1.8	2.0	2.0	1.8	1.8	1.7	1.6	2.0	2.7	2.7	2.1	2.5	1.9	1.7	2.4
	Keshabpur	2.7	1.8	1.7	1.9	1.9	1.8	1.7	1.7	1.6	2.0	2.6	2.6	2.0	2.4	1.9	1.7	2.3
	Manirampur	2.8	1.9	1.7	2.0	2.0	1.8	1.7	1.7	1.6	2.0	2.7	2.7	2.1	2.4	1.9	1.7	2.3
	Sharsha	2.8	1.9	1.8	2.0	2.0	1.8	1.7	1.7	1.6	2.0	2.7	2.7	2.1	2.5	2.0	1.7	2.4
Jhalokati	Jhalokati Sadar	2.6	1.8	1.6	1.8	1.7	2.0	1.7	1.7	1.7	2.0	2.5	2.5	2.0	2.3	1.7	1.8	2.2
	Kanthalia	2.4	1.8	1.7	1.8	1.7	1.9	1.7	1.7	1.6	1.8	2.3	2.4	1.9	2.2	1.7	1.7	2.1
	Nalchity	2.5	1.8	1.6	1.8	1.7	2.0	1.7	1.7	1.7	1.9	2.4	2.5	1.9	2.3	1.7	1.8	2.2
	Rajapur	2.5	1.8	1.6	1.8	1.7	2.0	1.7	1.7	1.6	1.9	2.4	2.4	1.9	2.2	1.7	1.7	2.1
Jhenaidah	Harinakunda	2.9	1.9	1.9	2.1	2.0	1.8	1.8	1.8	1.7	2.3	2.8	2.8	2.2	2.5	2.0	1.8	2.5
	Jhenaidah Sadar	2.9	1.9	1.8	2.1	2.0	1.9	1.8	1.8	1.7	2.2	2.8	2.8	2.1	2.5	2.0	1.8	2.5
	Kaliganj	2.9	1.9	1.8	2.1	2.0	1.9	1.8	1.8	1.7	2.2	2.8	2.8	2.1	2.5	2.0	1.8	2.5
	Kotchandpur	2.9	1.9	1.8	2.1	2.1	1.8	1.8	1.8	1.7	2.2	2.8	2.8	2.1	2.5	2.0	1.8	2.5
	Maheshpur	2.9	1.9	1.8	2.1	2.1	1.8	1.8	1.7	1.6	2.1	2.8	2.8	2.1	2.5	2.0	1.7	2.4
	Shailkupa	2.9	1.9	1.8	2.1	2.0	1.9	1.8	1.8	1.7	2.3	2.8	2.8	2.2	2.5	2.0	1.8	2.6
Joypurhat	Akkelpur	2.6	1.5	1.9	2.2	1.9	1.7	1.9	1.8	1.8	2.6	2.7	2.5	2.1	2.2	2.0	1.8	2.7
	Joypurhat Sadar	2.5	1.4	1.9	2.2	1.9	1.7	1.9	1.8	1.8	2.6	2.7	2.4	2.1	2.1	2.0	1.8	2.6
	Kalai	2.5	1.4	1.9	2.1	1.9	1.7	1.9	1.8	1.8	2.6	2.7	2.5	2.1	2.1	2.0	1.8	2.7
	Khetlal	2.5	1.5	1.9	2.2	1.9	1.7	1.9	1.8	1.8	2.6	2.7	2.5	2.1	2.2	2.0	1.8	2.7
	Panchbibi	2.5	1.4	1.9	2.1	1.9	1.7	1.9	1.8	1.7	2.6	2.7	2.4	2.1	2.1	2.0	1.8	2.6
Khagrachhari	Dighinala	2.6	1.8	1.7	2.0	1.7	2.3	1.8	1.8	1.8	2.4	2.9	2.7	2.1	2.4	1.8	1.9	2.6
	Khagrachhari Sa	2.7	1.9	1.7	2.0	1.7	2.3	1.8	1.8	1.8	2.3	2.8	2.6	2.1	2.4	1.8	1.9	2.6
	Lakshmichhari	2.6	2.0	1.8	1.9	1.7	2.2	1.7	1.7	1.8	2.2	2.7	2.5	2.1	2.3	1.8	1.9	2.4
	Mahalchhari	2.6	2.0	1.8	2.0	1.7	2.3	1.8	1.7	1.8	2.2	2.7	2.5	2.1	2.4	1.8	1.9	2.5
	Manikchhari	2.6	2.0	1.8	1.9	1.6	2.3	1.8	1.7	1.8	2.2	2.7	2.5	2.1	2.4	1.8	1.9	2.4
	Matiranga	2.7	2.0	1.7	2.0	1.7	2.3	1.8	1.8	1.8	2.3	2.8	2.6	2.1	2.4	1.8	1.9	2.5
	Panchhari	2.7	1.9	1.7	2.0	1.7	2.3	1.8	1.8	1.8	2.4	2.9	2.7	2.1	2.4	1.8	1.9	2.6
	Ramgarh	2.6	2.0	1.7	1.9	1.7	2.3	1.8	1.8	1.8	2.2	2.7	2.5	2.1	2.4	1.8	1.9	2.5
Khulna	Batiaghata	2.6	1.8	1.7	1.9	1.8	1.9	1.7	1.7	1.6	1.9	2.5	2.5	2.0	2.3	1.8	1.7	2.2
	Dacope	2.2	1.7	1.7	1.9	1.7	1.8	1.6	1.7	1.6	1.7	2.3	2.4	1.9	2.1	1.8	1.6	2.0
	Dighalia	2.7	1.9	1.7	1.9	1.9	1.9	1.8	1.7	1.7	2.0	2.6	2.6	2.0	2.4	1.8	1.8	2.3
	Dumuria	2.7	1.8	1.7	1.9	1.9	1.9	1.7	1.7	1.6	2.0	2.6	2.6	2.0	2.4	1.8	1.7	2.3
	Koyra	2.1	1.7	1.8	1.9	1.7	1.7	1.5	1.6	1.5	1.7	2.3	2.4	1.8	2.1	1.8	1.6	2.0
	Phultala	2.8	1.9	1.7	1.9	1.9	1.9	1.8	1.7	1.6	2.0	2.6	2.6	2.0	2.4	1.8	1.8	2.3
	Paikgachha	2.5	1.8	1.7	1.9	1.8	1.8	1.7	1.7	1.6	1.9	2.5	2.5	2.0	2.3	1.8	1.7	2.2
	Rupsa	2.7	1.8	1.7	1.9	1.8	1.9	1.7	1.7	1.6	2.0	2.5	2.6	2.0	2.4	1.8	1.8	2.3
	Terokhada	2.7	1.9	1.6	1.9	1.8	1.9	1.8	1.7	1.7	2.0	2.6	2.6	2.0	2.4	1.8	1.8	2.3

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Kishoreganj	Austagram	2.6	1.7	1.7	2.1	1.7	2.3	1.9	1.9	1.9	2.6	2.9	2.9	2.2	2.4	1.8	2.0	2.7
	Bajitpur	2.7	1.7	1.7	2.1	1.7	2.3	1.9	1.9	1.9	2.6	2.9	2.9	2.2	2.4	1.8	2.0	2.7
	Bhairab	2.7	1.8	1.7	2.1	1.7	2.3	1.9	1.9	1.9	2.5	2.9	2.9	2.2	2.4	1.8	2.0	2.7
	Hossainpur	2.6	1.7	1.7	2.1	1.8	2.2	1.9	1.9	1.9	2.6	2.9	2.8	2.2	2.4	1.9	2.0	2.7
	Itna	2.6	1.7	1.7	2.1	1.8	2.3	1.9	1.9	1.9	2.6	2.9	2.8	2.2	2.4	1.9	2.0	2.7
	Karimganj	2.6	1.7	1.7	2.1	1.8	2.2	1.9	1.9	1.9	2.6	2.9	2.8	2.2	2.4	1.9	2.0	2.7
	Katiadi	2.7	1.7	1.7	2.1	1.7	2.3	1.9	1.9	1.9	2.6	2.9	2.9	2.2	2.4	1.8	2.0	2.7
	Kishoreganj Sad	2.6	1.7	1.7	2.1	1.8	2.2	1.9	1.9	1.9	2.6	2.9	2.8	2.2	2.4	1.9	2.0	2.7
	Kuliar Char	2.7	1.8	1.7	2.1	1.7	2.3	1.9	1.9	1.9	2.5	2.9	2.9	2.2	2.4	1.8	2.0	2.7
	Mithamain	2.6	1.7	1.7	2.1	1.7	2.3	1.9	1.9	1.9	2.6	2.9	2.8	2.2	2.4	1.9	2.0	2.7
	Nikli	2.6	1.7	1.7	2.1	1.7	2.3	1.9	1.9	1.9	2.6	2.9	2.9	2.2	2.4	1.8	2.0	2.7
	Pakundia	2.7	1.7	1.7	2.1	1.7	2.2	1.9	1.9	1.9	2.6	2.9	2.8	2.2	2.4	1.9	2.0	2.7
	Tarail	2.6	1.7	1.7	2.1	1.8	2.2	1.9	1.9	1.9	2.6	2.9	2.8	2.2	2.4	1.9	2.0	2.7
Kurigram	Bhurungamari	2.5	1.7	1.9	1.9	1.8	2.0	1.8	2.0	1.9	2.5	2.4	2.8	2.1	2.3	1.9	2.0	2.5
	Char Rajibpur	2.4	1.4	1.8	2.1	1.8	1.9	1.9	1.9	1.7	2.6	2.6	2.6	2.1	2.1	1.9	1.9	2.6
	Chilmari	2.4	1.4	1.9	2.1	1.8	1.9	1.9	1.9	1.8	2.6	2.6	2.6	2.1	2.1	1.9	1.9	2.6
	Kurigram Sada	2.4	1.5	1.9	2.0	1.8	2.0	1.9	1.9	1.8	2.6	2.5	2.7	2.1	2.2	1.9	1.9	2.5
	Nageshwari	2.4	1.6	1.9	1.9	1.8	2.0	1.8	2.0	1.9	2.6	2.5	2.7	2.1	2.3	1.9	1.9	2.5
	Phulbari	2.5	1.6	1.9	2.0	1.8	2.0	1.9	2.0	1.9	2.5	2.5	2.7	2.1	2.3	1.9	1.9	2.5
	Rajarhat	2.4	1.5	1.9	2.0	1.8	1.9	1.9	1.9	1.8	2.6	2.5	2.6	2.1	2.2	1.9	1.9	2.5
	Raumari	2.4	1.4	1.8	2.1	1.8	2.0	1.9	1.9	1.8	2.6	2.6	2.6	2.1	2.1	1.9	1.9	2.6
	Ulipur	2.4	1.5	1.9	2.1	1.8	1.9	1.9	1.9	1.8	2.6	2.6	2.6	2.1	2.2	1.9	1.9	2.6
Kushtia	Bheramara	2.9	1.8	2.0	2.2	2.1	1.8	1.9	1.8	1.8	2.4	2.9	2.8	2.2	2.5	2.1	1.8	2.7
	Daulatpur	2.9	1.8	2.0	2.2	2.1	1.8	1.9	1.8	1.8	2.4	2.9	2.8	2.2	2.5	2.1	1.8	2.7
	Khoksa	2.9	1.9	1.8	2.1	2.0	1.9	1.8	1.8	1.8	2.4	2.9	2.8	2.2	2.5	2.0	1.9	2.6
	Kumarkhali	2.9	1.8	1.9	2.2	2.0	1.9	1.8	1.8	1.8	2.4	2.9	2.8	2.2	2.5	2.0	1.8	2.6
	Kushtia Sadar	2.9	1.8	1.9	2.2	2.0	1.9	1.8	1.8	1.8	2.3	2.9	2.8	2.2	2.5	2.0	1.8	2.6
	Mirpur	2.9	1.8	1.9	2.2	2.1	1.8	1.8	1.8	1.8	2.4	2.9	2.8	2.2	2.5	2.1	1.8	2.6
Lakshmipur	Kamalnagar	2.6	1.9	1.7	1.8	1.6	2.1	1.8	1.7	1.7	2.1	2.5	2.5	2.0	2.3	1.7	1.8	2.3
	Lakshmipur Sad	2.7	1.9	1.7	1.9	1.6	2.2	1.8	1.8	1.7	2.2	2.6	2.5	2.0	2.4	1.7	1.9	2.4
	Roypur	2.7	1.9	1.6	1.9	1.7	2.2	1.8	1.8	1.7	2.2	2.6	2.6	2.1	2.4	1.7	1.9	2.4
	Ramganj	2.8	1.9	1.6	1.9	1.6	2.2	1.8	1.8	1.8	2.2	2.7	2.6	2.1	2.4	1.7	1.9	2.5
	Ramgati	2.5	1.9	1.7	1.8	1.6	2.1	1.7	1.7	1.7	2.1	2.5	2.4	2.0	2.3	1.7	1.8	2.3
Lalmonirhat	Aditmari	2.5	1.6	2.0	1.9	1.8	1.9	1.9	1.9	1.9	2.5	2.5	2.7	2.1	2.3	1.9	1.9	2.5
	Hatibandha	2.6	1.7	2.0	1.9	1.8	1.9	1.8	1.9	1.9	2.5	2.4	2.7	2.1	2.3	1.9	1.9	2.4
	Kaliganj	2.5	1.6	2.0	1.9	1.8	1.9	1.9	1.9	1.9	2.5	2.4	2.7	2.1	2.3	1.9	1.9	2.5
	Lalmonirhat Sad	2.5	1.6	2.0	2.0	1.8	1.9	1.9	1.9	1.8	2.5	2.5	2.7	2.1	2.2	1.9	1.9	2.5
	Patgram	2.6	1.9	2.1	1.8	1.8	2.0	1.8	2.0	1.9	2.4	2.3	2.8	2.1	2.4	1.9	2.0	2.4

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Madaripur	Kalkini	2.8	1.9	1.6	1.9	1.7	2.1	1.8	1.8	1.7	2.1	2.6	2.6	2.1	2.4	1.7	1.9	2.4
	Madaripur Sad	2.8	1.9	1.6	1.9	1.8	2.1	1.8	1.8	1.7	2.2	2.7	2.7	2.1	2.5	1.8	1.9	2.4
	Rajoir	2.8	1.9	1.6	1.9	1.8	2.1	1.8	1.8	1.7	2.2	2.7	2.7	2.1	2.5	1.8	1.9	2.4
	Shib Char	2.8	1.9	1.6	2.0	1.8	2.2	1.9	1.8	1.8	2.2	2.7	2.8	2.1	2.5	1.8	1.9	2.5
Magura	Magura Sadar	2.9	1.9	1.7	2.1	2.0	1.9	1.8	1.8	1.7	2.2	2.8	2.8	2.1	2.5	1.9	1.8	2.5
	Mohammadpur	2.9	1.9	1.7	2.0	1.9	2.0	1.8	1.8	1.7	2.2	2.7	2.8	2.1	2.5	1.9	1.8	2.5
	Shalikha	2.9	1.9	1.7	2.1	2.0	1.9	1.8	1.8	1.7	2.2	2.7	2.8	2.1	2.5	1.9	1.8	2.5
	Sreepur	2.9	1.9	1.8	2.1	1.9	2.0	1.8	1.8	1.7	2.3	2.8	2.8	2.1	2.5	1.9	1.8	2.5
Manikganj	Daulatpur	2.8	1.9	1.8	2.1	1.9	2.1	1.9	1.9	1.9	2.4	2.9	2.9	2.2	2.5	1.9	1.9	2.7
	Ghior	2.8	1.9	1.7	2.1	1.8	2.1	1.9	1.9	1.9	2.4	2.9	2.8	2.2	2.5	1.9	2.0	2.6
	Harirampur	2.8	1.9	1.7	2.0	1.8	2.1	1.9	1.9	1.8	2.4	2.8	2.8	2.2	2.5	1.8	1.9	2.6
	Manikganj Sad	2.8	1.9	1.7	2.0	1.8	2.2	1.9	1.9	1.9	2.4	2.9	2.8	2.2	2.5	1.8	2.0	2.6
	Saturia	2.8	1.9	1.7	2.1	1.8	2.2	1.9	1.9	1.9	2.5	2.9	2.9	2.2	2.5	1.9	2.0	2.7
	Shibalaya	2.8	1.9	1.7	2.1	1.8	2.1	1.9	1.9	1.9	2.4	2.9	2.8	2.2	2.5	1.9	1.9	2.6
	Singair	2.8	1.9	1.7	2.0	1.8	2.2	1.9	1.9	1.9	2.4	2.8	2.8	2.2	2.5	1.8	2.0	2.6
Maulvibazar	Barlekha	2.5	1.5	1.7	2.2	1.9	2.3	1.8	1.8	1.9	2.6	2.9	2.7	2.2	2.3	2.0	1.9	2.7
	Juri	2.5	1.6	1.7	2.2	1.9	2.3	1.8	1.8	1.8	2.6	2.9	2.7	2.2	2.3	1.9	1.9	2.7
	Kamalganj	2.6	1.6	1.7	2.1	1.8	2.3	1.8	1.8	1.9	2.5	2.9	2.8	2.2	2.3	1.8	2.0	2.7
	Kulaura	2.5	1.6	1.7	2.2	1.8	2.3	1.8	1.8	1.8	2.6	2.9	2.8	2.2	2.3	1.9	2.0	2.7
	Maulvi Bazar Sa	2.6	1.6	1.7	2.1	1.8	2.3	1.8	1.8	1.9	2.6	2.9	2.8	2.2	2.3	1.9	2.0	2.7
	Rajnagar	2.6	1.6	1.7	2.2	1.9	2.3	1.8	1.8	1.9	2.6	2.9	2.8	2.2	2.3	1.9	2.0	2.7
	Sreemangal	2.6	1.6	1.7	2.1	1.8	2.3	1.9	1.8	1.9	2.6	2.9	2.8	2.2	2.3	1.8	2.0	2.7
Meherpur	Gangni	2.9	1.8	2.0	2.2	2.1	1.8	1.8	1.8	1.8	2.4	2.9	2.8	2.2	2.5	2.1	1.8	2.6
	Meherpur Sadar	2.9	1.8	2.0	2.2	2.1	1.7	1.8	1.8	1.7	2.3	2.9	2.8	2.2	2.5	2.1	1.8	2.6
	Mujib Nagar	2.9	1.8	2.0	2.2	2.1	1.7	1.8	1.8	1.7	2.3	2.9	2.8	2.2	2.5	2.1	1.7	2.6
Munshiganj	Gazaria	2.8	1.9	1.6	2.0	1.7	2.2	1.9	1.8	1.8	2.3	2.8	2.8	2.1	2.5	1.8	1.9	2.6
	Lohajang	2.8	1.9	1.6	2.0	1.7	2.2	1.9	1.8	1.8	2.3	2.8	2.8	2.1	2.5	1.8	1.9	2.5
	Munshiganj Sada	2.8	1.9	1.6	2.0	1.7	2.2	1.9	1.8	1.8	2.3	2.8	2.8	2.1	2.5	1.8	1.9	2.5
	Serajdikhan	2.8	1.9	1.6	2.0	1.7	2.2	1.9	1.9	1.8	2.3	2.8	2.8	2.1	2.5	1.8	1.9	2.6
	Sreenagar	2.8	1.9	1.6	2.0	1.7	2.2	1.9	1.8	1.8	2.3	2.8	2.8	2.1	2.5	1.8	1.9	2.5
	Tongibari	2.8	1.9	1.6	2.0	1.7	2.2	1.9	1.8	1.8	2.3	2.8	2.8	2.1	2.5	1.8	1.9	2.5
Mymensingh	Bhaluka	2.7	1.7	1.7	2.1	1.8	2.2	1.9	1.9	1.9	2.5	2.9	2.8	2.2	2.4	1.9	2.0	2.7
	Dhobaura	2.5	1.5	1.8	2.2	1.8	2.1	1.9	1.9	1.8	2.6	2.7	2.7	2.1	2.2	1.9	1.9	2.7
	Fulbaria	2.6	1.7	1.8	2.1	1.8	2.2	1.9	1.9	1.9	2.6	2.8	2.8	2.2	2.3	1.9	2.0	2.7
	Gaffargaon	2.6	1.7	1.7	2.1	1.8	2.2	1.9	1.9	1.9	2.6	2.9	2.8	2.2	2.4	1.9	2.0	2.7
	Gauripur	2.5	1.6	1.8	2.1	1.8	2.2	1.9	1.9	1.9	2.6	2.8	2.8	2.2	2.3	1.9	2.0	2.7
	Haluaghat	2.4	1.5	1.8	2.1	1.8	2.1	1.9	1.9	1.8	2.6	2.7	2.7	2.1	2.2	1.9	1.9	2.7
	Ishwarganj	2.6	1.6	1.8	2.1	1.8	2.2	1.9	1.9	1.9	2.6	2.8	2.8	2.2	2.3	1.9	2.0	2.7
	Muktagachha	2.5	1.6	1.8	2.1	1.8	2.1	1.9	1.9	1.9	2.6	2.8	2.7	2.1	2.3	1.9	2.0	2.7

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	Mymensingh Sad	2.5	1.6	1.8	2.1	1.8	2.1	1.9	1.9	1.9	2.6	2.8	2.7	2.1	2.3	1.9	1.9	2.7
	Nandail	2.6	1.7	1.7	2.1	1.8	2.2	1.9	1.9	1.9	2.6	2.9	2.8	2.2	2.4	1.9	2.0	2.7
	Phulpur	2.5	1.5	1.8	2.1	1.8	2.1	1.9	1.9	1.8	2.6	2.8	2.7	2.1	2.2	1.9	1.9	2.7
	Tarakanda	2.5	1.5	1.8	2.1	1.8	2.1	1.9	1.9	1.8	2.6	2.8	2.7	2.1	2.3	1.9	1.9	2.7
	Trishal	2.6	1.7	1.8	2.1	1.8	2.2	1.9	1.9	1.9	2.6	2.8	2.8	2.2	2.4	1.9	2.0	2.7
Naogaon	Atrai	2.7	1.6	2.0	2.2	2.0	1.7	1.9	1.8	1.8	2.5	2.8	2.6	2.1	2.3	2.1	1.8	2.7
	Badalgachhi	2.6	1.5	2.0	2.2	2.0	1.7	1.9	1.8	1.8	2.6	2.7	2.5	2.1	2.2	2.0	1.8	2.7
	Dhamoirhat	2.5	1.4	2.0	2.2	2.0	1.6	1.9	1.8	1.8	2.6	2.7	2.4	2.1	2.1	2.0	1.7	2.6
	Manda	2.7	1.6	2.0	2.2	2.0	1.6	1.9	1.8	1.8	2.6	2.7	2.5	2.1	2.3	2.1	1.8	2.7
	Mahadebpur	2.6	1.5	2.0	2.2	2.0	1.6	1.9	1.8	1.8	2.6	2.7	2.5	2.1	2.2	2.1	1.8	2.7
	Naogaon Sadar	2.6	1.5	2.0	2.2	2.0	1.7	1.9	1.8	1.8	2.6	2.7	2.5	2.1	2.2	2.0	1.8	2.7
	Niamatpur	2.7	1.6	2.1	2.2	2.1	1.5	1.9	1.8	1.8	2.6	2.7	2.5	2.1	2.2	2.1	1.7	2.7
	Patnitala	2.6	1.5	2.0	2.2	2.0	1.5	1.9	1.8	1.8	2.6	2.7	2.4	2.1	2.1	2.1	1.7	2.6
	Porsha	2.6	1.5	2.0	2.2	2.0	1.5	1.9	1.7	1.8	2.6	2.7	2.4	2.1	2.2	2.1	1.7	2.7
	Raninagar	2.6	1.6	2.0	2.2	2.0	1.7	1.9	1.8	1.8	2.6	2.8	2.6	2.1	2.3	2.0	1.8	2.7
	Sapahar	2.6	1.5	2.0	2.2	2.0	1.5	1.9	1.7	1.8	2.7	2.6	2.4	2.1	2.1	2.1	1.7	2.7
Narail	Kalia	2.8	1.9	1.7	1.9	1.9	2.0	1.8	1.8	1.7	2.1	2.6	2.6	2.0	2.4	1.8	1.8	2.3
	Lohagara	2.8	1.9	1.7	2.0	1.9	2.0	1.8	1.8	1.7	2.1	2.7	2.7	2.1	2.5	1.8	1.8	2.4
	Narail Sadar	2.8	1.9	1.7	2.0	1.9	1.9	1.8	1.8	1.7	2.1	2.7	2.7	2.1	2.5	1.9	1.8	2.4
Narayanganj	Araihazar	2.7	1.8	1.6	2.0	1.7	2.3	1.9	1.9	1.9	2.4	2.9	2.8	2.2	2.5	1.8	2.0	2.6
	Bandar	2.8	1.9	1.6	2.0	1.7	2.2	1.9	1.9	1.8	2.4	2.8	2.8	2.1	2.5	1.8	1.9	2.6
	Narayanganj Sa	2.8	1.9	1.6	2.0	1.7	2.2	1.9	1.9	1.8	2.4	2.8	2.8	2.1	2.5	1.8	1.9	2.6
	Rupganj	2.8	1.9	1.7	2.0	1.7	2.2	1.9	1.9	1.9	2.4	2.9	2.8	2.2	2.5	1.8	2.0	2.6
	Sonargaon	2.8	1.9	1.6	2.0	1.7	2.2	1.9	1.9	1.8	2.4	2.8	2.8	2.1	2.5	1.8	1.9	2.6
Narsingdi	Belabo	2.7	1.8	1.7	2.1	1.7	2.3	1.9	1.9	1.9	2.5	2.9	2.9	2.2	2.5	1.8	2.0	2.7
	Manohardi	2.7	1.8	1.7	2.1	1.7	2.3	1.9	1.9	1.9	2.5	2.9	2.9	2.2	2.5	1.8	2.0	2.7
	Narsingdi Sada	2.7	1.8	1.7	2.0	1.7	2.3	1.9	1.9	1.9	2.5	2.9	2.8	2.2	2.5	1.8	2.0	2.7
	Palash	2.7	1.8	1.7	2.1	1.7	2.3	1.9	1.9	1.9	2.5	2.9	2.9	2.2	2.5	1.8	2.0	2.7
	Roypura	2.7	1.8	1.7	2.1	1.7	2.3	1.9	1.9	1.9	2.5	2.9	2.9	2.2	2.5	1.8	2.0	2.7
	Shibpur	2.7	1.8	1.7	2.1	1.7	2.3	1.9	1.9	1.9	2.5	2.9	2.9	2.2	2.5	1.8	2.0	2.7
Natore	Bagati Para	2.8	1.7	2.0	2.2	2.1	1.8	1.9	1.8	1.8	2.5	2.9	2.7	2.2	2.4	2.1	1.8	2.7
	Baraigram	2.8	1.8	1.9	2.2	2.0	1.9	1.9	1.9	1.8	2.5	2.9	2.8	2.2	2.4	2.0	1.9	2.7
	Gurudaspur	2.7	1.7	1.9	2.2	2.0	1.9	1.9	1.9	1.8	2.5	2.9	2.7	2.2	2.4	2.0	1.9	2.7
	Lalpur	2.8	1.8	2.0	2.2	2.1	1.8	1.9	1.8	1.8	2.5	2.9	2.8	2.2	2.5	2.1	1.8	2.7
	Naldanga	2.7	1.7	2.0	2.2	2.0	1.8	1.9	1.8	1.8	2.5	2.8	2.7	2.2	2.3	2.1	1.8	2.7
	Natore Sadar	2.8	1.7	2.0	2.2	2.0	1.8	1.9	1.8	1.8	2.5	2.8	2.7	2.2	2.4	2.1	1.8	2.7
	Singra	2.7	1.7	1.9	2.2	2.0	1.8	1.9	1.8	1.8	2.5	2.8	2.7	2.2	2.3	2.0	1.8	2.7
Netrakona	Atpara	2.5	1.6	1.8	2.2	1.8	2.2	1.9	1.9	1.9	2.6	2.8	2.8	2.2	2.3	1.9	2.0	2.7

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	Barhatta	2.5	1.5	1.8	2.2	1.8	2.2	1.9	1.9	1.9	2.6	2.8	2.8	2.1	2.3	1.9	1.9	2.7
	Durgapur	2.5	1.5	1.8	2.2	1.8	2.1	1.9	1.9	1.8	2.6	2.8	2.7	2.1	2.2	1.9	1.9	2.7
	Kalmakanda	2.5	1.5	1.8	2.2	1.8	2.1	1.8	1.9	1.9	2.6	2.8	2.7	2.1	2.2	2.0	1.9	2.7
	Kendua	2.6	1.6	1.8	2.1	1.8	2.2	1.9	1.9	1.9	2.6	2.8	2.8	2.2	2.3	1.9	2.0	2.7
	Khaliajuri	2.6	1.6	1.8	2.2	1.8	2.2	1.9	1.9	1.9	2.6	2.8	2.8	2.2	2.3	1.9	2.0	2.7
	Madan	2.6	1.6	1.8	2.2	1.8	2.2	1.9	1.9	1.9	2.6	2.8	2.8	2.2	2.3	1.9	2.0	2.7
	Mohanganj	2.5	1.6	1.8	2.2	1.8	2.2	1.9	1.9	1.9	2.6	2.8	2.8	2.2	2.3	1.9	2.0	2.7
	Netrokona Sada	2.5	1.6	1.8	2.2	1.8	2.2	1.9	1.9	1.9	2.6	2.8	2.8	2.1	2.3	1.9	1.9	2.7
	Purbadhala	2.5	1.5	1.8	2.2	1.8	2.1	1.9	1.9	1.8	2.6	2.8	2.7	2.1	2.3	1.9	1.9	2.7
Nilphamari	Dimla	2.6	1.8	2.1	1.8	1.8	1.9	1.9	1.9	1.9	2.5	2.4	2.7	2.1	2.4	1.9	1.9	2.4
	Domar	2.6	1.8	2.1	1.8	1.8	1.9	1.9	1.9	1.9	2.4	2.4	2.7	2.1	2.4	1.9	1.9	2.4
	Jaldhaka	2.6	1.7	2.1	1.9	1.8	1.9	1.9	1.9	1.9	2.5	2.4	2.7	2.1	2.3	1.9	1.9	2.5
	Kishoreganj	2.5	1.6	2.0	2.0	1.8	1.8	1.9	1.9	1.8	2.5	2.5	2.6	2.1	2.3	1.9	1.9	2.5
	Nilphamari Sada	2.6	1.7	2.1	1.9	1.8	1.8	1.9	1.9	1.9	2.5	2.4	2.6	2.1	2.3	1.9	1.8	2.5
	Saidpur	2.5	1.6	2.0	2.0	1.8	1.7	1.9	1.8	1.8	2.5	2.5	2.6	2.1	2.2	2.0	1.8	2.5
Noakhali	Begumganj	2.7	2.0	1.7	1.9	1.6	2.2	1.8	1.8	1.8	2.2	2.6	2.5	2.1	2.4	1.7	1.9	2.4
	Chatkhil	2.7	1.9	1.6	1.9	1.6	2.2	1.8	1.8	1.8	2.2	2.7	2.6	2.1	2.4	1.7	1.9	2.4
	Companiganj	2.6	2.0	1.7	1.9	1.6	2.2	1.8	1.7	1.7	2.2	2.6	2.5	2.0	2.3	1.7	1.9	2.4
	Hatiya	2.3	1.8	1.7	1.8	1.5	2.0	1.7	1.7	1.7	2.0	2.4	2.3	1.9	2.2	1.7	1.8	2.2
	Kabirhat	2.6	2.0	1.7	1.9	1.6	2.2	1.8	1.7	1.8	2.2	2.6	2.5	2.0	2.4	1.7	1.9	2.4
	Noakhali Sadar	2.6	1.9	1.7	1.9	1.6	2.2	1.8	1.7	1.7	2.1	2.6	2.5	2.0	2.4	1.7	1.9	2.4
	Senbagh	2.7	2.0	1.7	1.9	1.6	2.2	1.8	1.8	1.8	2.2	2.7	2.6	2.1	2.4	1.7	1.9	2.4
	Sonaimuri	2.7	1.9	1.7	1.9	1.6	2.2	1.8	1.8	1.8	2.2	2.7	2.6	2.1	2.4	1.7	1.9	2.4
	Subarnachar	2.5	1.9	1.7	1.8	1.6	2.1	1.7	1.7	1.7	2.1	2.5	2.4	2.0	2.3	1.7	1.8	2.3
Pabna	Atgharia	2.8	1.8	1.9	2.2	2.0	1.9	1.9	1.9	1.9	2.5	2.9	2.8	2.2	2.5	2.0	1.9	2.7
	Bera	2.8	1.9	1.8	2.1	1.9	2.1	1.9	1.9	1.9	2.4	2.9	2.8	2.2	2.5	1.9	1.9	2.7
	Bhangura	2.8	1.8	1.9	2.2	2.0	2.0	1.9	1.9	1.9	2.5	2.9	2.8	2.2	2.5	2.0	1.9	2.7
	Chatmohar	2.8	1.8	1.9	2.2	2.0	1.9	1.9	1.9	1.9	2.5	2.9	2.8	2.2	2.5	2.0	1.9	2.7
	Faridpur	2.8	1.8	1.9	2.2	2.0	2.0	1.9	1.9	1.9	2.5	2.9	2.8	2.2	2.5	2.0	1.9	2.7
	Ishwardi	2.8	1.8	1.9	2.2	2.0	1.9	1.9	1.8	1.8	2.5	2.9	2.8	2.2	2.5	2.1	1.9	2.7
	Pabna Sadar	2.8	1.8	1.9	2.2	2.0	1.9	1.9	1.9	1.8	2.4	2.9	2.8	2.2	2.5	2.0	1.9	2.7
	Santhia	2.8	1.9	1.8	2.1	1.9	2.0	1.9	1.9	1.9	2.5	2.9	2.8	2.2	2.5	2.0	1.9	2.7
	Sujanagar	2.8	1.9	1.8	2.1	1.9	2.0	1.9	1.9	1.8	2.4	2.9	2.8	2.2	2.5	2.0	1.9	2.6
Panchagarh	Atwari	2.7	1.9	2.1	1.8	1.8	1.9	1.9	1.9	1.9	2.4	2.3	2.7	2.1	2.4	1.9	1.9	2.4
	Boda	2.7	1.9	2.1	1.8	1.8	1.9	1.9	1.9	1.9	2.4	2.4	2.7	2.1	2.4	1.9	1.9	2.4
	Debiganj	2.6	1.8	2.1	1.9	1.8	1.9	1.9	1.9	1.9	2.4	2.4	2.7	2.1	2.4	1.9	1.9	2.4
	Panchagarh Sad	2.7	1.9	2.2	1.8	1.8	2.0	1.9	2.0	1.9	2.4	2.3	2.8	2.1	2.5	1.9	1.9	2.3
	Tentulia	2.7	2.0	2.2	1.7	1.8	2.1	1.9	2.0	2.0	2.3	2.3	2.8	2.1	2.5	1.9	2.0	2.3

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Patuakhali	Bauphal	2.4	1.8	1.7	1.8	1.6	2.0	1.7	1.7	1.6	1.9	2.4	2.4	1.9	2.2	1.7	1.7	2.2
	Dashmina	2.3	1.8	1.7	1.8	1.6	1.9	1.6	1.7	1.6	1.8	2.3	2.3	1.9	2.1	1.7	1.7	2.1
	Dumki	2.4	1.8	1.7	1.8	1.6	2.0	1.7	1.7	1.6	1.9	2.4	2.4	1.9	2.2	1.7	1.7	2.1
	Galachipa	2.2	1.7	1.7	1.8	1.6	1.9	1.6	1.6	1.6	1.8	2.3	2.3	1.8	2.1	1.7	1.7	2.0
	Kala Para	2.0	1.7	1.7	1.8	1.6	1.8	1.5	1.6	1.5	1.6	2.2	2.3	1.8	2.0	1.7	1.6	1.9
	Mirzaganj	2.3	1.8	1.7	1.8	1.6	1.9	1.6	1.7	1.6	1.8	2.3	2.4	1.9	2.2	1.7	1.7	2.1
	Patuakhali Sadar	2.3	1.8	1.7	1.8	1.6	1.9	1.6	1.7	1.6	1.8	2.3	2.4	1.9	2.2	1.7	1.7	2.1
	Rangabali	2.0	1.7	1.7	1.7	1.6	1.8	1.6	1.6	1.5	1.7	2.2	2.3	1.8	2.0	1.7	1.6	1.9
Pirojpur	Bhandaria	2.4	1.8	1.7	1.8	1.7	1.9	1.7	1.7	1.6	1.8	2.4	2.4	1.9	2.2	1.7	1.7	2.1
	Zianagar	2.4	1.8	1.7	1.8	1.7	1.9	1.7	1.7	1.6	1.8	2.4	2.4	1.9	2.2	1.7	1.7	2.1
	Kawkhali	2.5	1.8	1.6	1.8	1.7	2.0	1.7	1.7	1.6	1.9	2.4	2.5	1.9	2.3	1.7	1.8	2.2
	Mathbaria	2.3	1.7	1.7	1.8	1.7	1.9	1.6	1.7	1.6	1.8	2.3	2.4	1.9	2.1	1.7	1.7	2.0
	Nazirpur	2.6	1.8	1.6	1.8	1.7	2.0	1.7	1.7	1.7	2.0	2.5	2.5	2.0	2.3	1.7	1.8	2.2
	Nesarabad	2.6	1.8	1.6	1.8	1.7	2.0	1.7	1.7	1.7	2.0	2.5	2.5	2.0	2.3	1.7	1.8	2.2
	Pirojpur Sadar	2.5	1.8	1.6	1.8	1.7	1.9	1.7	1.7	1.6	1.9	2.4	2.5	1.9	2.3	1.7	1.7	2.2
Rajbari	Balia Kandi	2.9	1.9	1.7	2.1	1.9	2.0	1.8	1.8	1.8	2.3	2.8	2.8	2.2	2.5	1.9	1.9	2.6
	Goalandaghat	2.8	1.9	1.7	2.1	1.9	2.1	1.9	1.9	1.8	2.4	2.8	2.8	2.2	2.5	1.9	1.9	2.6
	Kalukhali	2.9	1.9	1.8	2.1	1.9	2.0	1.8	1.8	1.8	2.3	2.8	2.8	2.2	2.5	1.9	1.9	2.6
	Pangsha	2.9	1.9	1.8	2.1	2.0	2.0	1.8	1.8	1.8	2.4	2.8	2.8	2.2	2.5	2.0	1.9	2.6
	Rajbari Sadar	2.8	1.9	1.7	2.1	1.9	2.0	1.9	1.9	1.8	2.3	2.8	2.8	2.2	2.5	1.9	1.9	2.6
Rajshahi	Bagha	2.8	1.8	2.0	2.2	2.1	1.8	1.9	1.8	1.8	2.5	2.9	2.8	2.2	2.5	2.1	1.8	2.7
	Baghmara	2.7	1.6	2.0	2.2	2.0	1.7	1.9	1.8	1.8	2.5	2.8	2.6	2.1	2.3	2.1	1.8	2.7
	Charghat	2.8	1.7	2.0	2.2	2.1	1.7	1.9	1.8	1.8	2.5	2.9	2.7	2.2	2.4	2.1	1.8	2.7
	Durgapur	2.7	1.7	2.0	2.2	2.1	1.7	1.9	1.8	1.8	2.5	2.8	2.7	2.2	2.4	2.1	1.8	2.7
	Godagari	2.8	1.7	2.1	2.3	2.1	1.6	1.9	1.8	1.8	2.5	2.8	2.6	2.2	2.4	2.2	1.8	2.7
	Mohanpur	2.7	1.6	2.0	2.2	2.1	1.6	1.9	1.8	1.8	2.5	2.8	2.6	2.1	2.3	2.1	1.8	2.7
	Paba	2.8	1.7	2.1	2.2	2.1	1.7	1.9	1.8	1.8	2.5	2.8	2.7	2.2	2.4	2.1	1.8	2.7
	Puthia	2.8	1.7	2.0	2.2	2.1	1.7	1.9	1.8	1.8	2.5	2.8	2.7	2.2	2.4	2.1	1.8	2.7
	Tanore	2.7	1.6	2.1	2.2	2.1	1.6	1.9	1.8	1.8	2.6	2.8	2.6	2.1	2.3	2.1	1.8	2.7
Rangamati	Baghai Chhari	2.6	1.8	1.7	2.0	1.7	2.3	1.8	1.8	1.8	2.3	2.9	2.7	2.1	2.4	1.8	1.9	2.6
	Barkal	2.5	2.0	1.8	2.0	1.7	2.2	1.7	1.7	1.8	2.2	2.7	2.5	2.1	2.3	1.8	1.9	2.5
	Belai Chhari	2.3	1.9	1.9	1.8	1.6	2.1	1.7	1.7	1.7	2.1	2.7	2.3	2.0	2.2	1.8	1.8	2.4
	Jurai Chhari	2.4	2.0	1.8	1.9	1.7	2.2	1.7	1.7	1.7	2.1	2.7	2.4	2.0	2.3	1.8	1.8	2.4
	Kaptai	2.4	2.0	1.8	1.9	1.6	2.1	1.7	1.7	1.7	2.1	2.6	2.3	2.0	2.2	1.8	1.8	2.4
	Kawkhali	2.5	2.0	1.8	1.9	1.6	2.2	1.7	1.7	1.7	2.1	2.6	2.4	2.0	2.3	1.8	1.8	2.4
	Langadu	2.6	2.0	1.8	2.0	1.7	2.3	1.8	1.7	1.8	2.2	2.8	2.5	2.1	2.4	1.8	1.9	2.5
	Naniarchar	2.6	2.0	1.8	2.0	1.7	2.2	1.7	1.7	1.8	2.2	2.7	2.5	2.1	2.4	1.8	1.9	2.5
	Rajasthali	2.3	1.9	1.8	1.8	1.6	2.1	1.7	1.7	1.7	2.1	2.6	2.3	2.0	2.2	1.8	1.8	2.4

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	Rangamati Sada	2.5	2.0	1.8	1.9	1.7	2.2	1.7	1.7	1.7	2.2	2.7	2.4	2.0	2.3	1.8	1.8	2.4
Rangpur	Badarganj	2.5	1.5	2.0	2.1	1.9	1.7	1.9	1.8	1.8	2.6	2.5	2.5	2.1	2.2	2.0	1.8	2.5
	Gangachara	2.5	1.6	2.0	2.0	1.8	1.9	1.9	1.9	1.8	2.5	2.5	2.6	2.1	2.2	1.9	1.9	2.5
	Kaunia	2.4	1.5	1.9	2.0	1.8	1.9	1.9	1.9	1.8	2.6	2.5	2.6	2.1	2.2	1.9	1.9	2.5
	Mitha Pukur	2.4	1.4	1.9	2.1	1.8	1.8	1.9	1.8	1.8	2.6	2.6	2.5	2.1	2.1	2.0	1.8	2.6
	Pirgachha	2.4	1.5	1.9	2.1	1.8	1.8	1.9	1.9	1.8	2.6	2.6	2.6	2.1	2.2	1.9	1.8	2.6
	Pirganj	2.4	1.4	1.9	2.1	1.8	1.7	1.9	1.8	1.7	2.6	2.6	2.5	2.0	2.1	2.0	1.8	2.6
	Rangpur Sadar	2.5	1.5	2.0	2.0	1.8	1.8	1.9	1.9	1.8	2.5	2.5	2.6	2.1	2.2	1.9	1.8	2.5
	Taraganj	2.5	1.6	2.0	2.0	1.8	1.8	1.9	1.9	1.8	2.5	2.5	2.6	2.1	2.2	2.0	1.8	2.5
Satkhira	Assasuni	2.5	1.8	1.7	1.9	1.8	1.8	1.6	1.7	1.6	1.8	2.5	2.5	1.9	2.3	1.8	1.7	2.2
	Debhata	2.5	1.8	1.8	1.9	1.9	1.7	1.6	1.7	1.6	1.9	2.6	2.5	2.0	2.3	1.9	1.7	2.2
	Kalaroa	2.7	1.8	1.7	2.0	2.0	1.8	1.7	1.7	1.6	2.0	2.6	2.6	2.0	2.4	1.9	1.7	2.3
	Kaliganj	2.4	1.8	1.8	1.9	1.8	1.7	1.6	1.7	1.6	1.8	2.5	2.5	1.9	2.2	1.8	1.7	2.2
	Satkhira Sadar	2.6	1.8	1.7	1.9	1.9	1.8	1.7	1.7	1.6	1.9	2.6	2.6	2.0	2.3	1.9	1.7	2.3
	Shyamnagar	2.1	1.7	1.8	1.9	1.7	1.7	1.5	1.7	1.5	1.7	2.3	2.4	1.8	2.0	1.8	1.6	2.0
	Tala	2.6	1.8	1.7	1.9	1.9	1.8	1.7	1.7	1.6	1.9	2.6	2.6	2.0	2.3	1.8	1.7	2.2
Shariatpur	Bhedarganj	2.8	1.9	1.6	1.9	1.7	2.2	1.8	1.8	1.8	2.2	2.7	2.7	2.1	2.5	1.8	1.9	2.5
	Damudya	2.8	1.9	1.6	1.9	1.7	2.2	1.8	1.8	1.7	2.2	2.7	2.7	2.1	2.5	1.7	1.9	2.4
	Gosairhat	2.8	1.9	1.6	1.9	1.7	2.2	1.8	1.8	1.7	2.2	2.6	2.6	2.1	2.4	1.7	1.9	2.4
	Naria	2.8	1.9	1.6	2.0	1.7	2.2	1.8	1.8	1.8	2.2	2.7	2.7	2.1	2.5	1.8	1.9	2.5
	Shariatpur Sadar	2.8	1.9	1.6	1.9	1.7	2.2	1.8	1.8	1.7	2.2	2.7	2.7	2.1	2.5	1.8	1.9	2.4
	Zanjira	2.8	1.9	1.6	2.0	1.7	2.2	1.8	1.8	1.8	2.3	2.7	2.8	2.1	2.5	1.8	1.9	2.5
Sherpur	Jhenaigati	2.4	1.4	1.8	2.1	1.8	2.0	1.9	1.9	1.8	2.6	2.7	2.6	2.1	2.1	1.9	1.9	2.6
	Nakla	2.5	1.5	1.8	2.1	1.8	2.1	1.9	1.9	1.8	2.6	2.8	2.7	2.1	2.2	1.9	1.9	2.7
	Nalitabari	2.4	1.4	1.8	2.1	1.8	2.1	1.9	1.9	1.8	2.6	2.7	2.6	2.1	2.2	1.9	1.9	2.7
	Sherpur Sadar	2.5	1.5	1.8	2.1	1.8	2.1	1.9	1.9	1.8	2.6	2.8	2.7	2.1	2.2	1.9	1.9	2.7
	Sreebardi	2.4	1.4	1.8	2.1	1.8	2.0	1.9	1.9	1.8	2.6	2.7	2.6	2.1	2.1	1.9	1.9	2.6
Sirajganj	Belkuchi	2.7	1.8	1.8	2.1	1.9	2.1	1.9	1.9	1.9	2.5	2.9	2.8	2.2	2.4	1.9	1.9	2.7
	Chauhali	2.8	1.9	1.8	2.1	1.9	2.1	1.9	1.9	1.9	2.5	2.9	2.9	2.2	2.5	1.9	2.0	2.7
	Kamarkhanda	2.7	1.7	1.8	2.1	1.9	2.0	1.9	1.9	1.9	2.5	2.9	2.8	2.2	2.4	2.0	1.9	2.7
	Kazipur	2.6	1.6	1.8	2.1	1.8	2.0	1.9	1.9	1.8	2.6	2.8	2.7	2.1	2.3	1.9	1.9	2.7
	Royganj	2.7	1.7	1.9	2.1	1.9	2.0	1.9	1.9	1.9	2.5	2.8	2.7	2.2	2.4	2.0	1.9	2.7
	Shahjadpur	2.8	1.8	1.8	2.1	1.9	2.1	1.9	1.9	1.9	2.5	2.9	2.8	2.2	2.5	2.0	1.9	2.7
	Sirajganj Sadar	2.7	1.7	1.8	2.1	1.9	2.0	1.9	1.9	1.9	2.5	2.8	2.8	2.2	2.4	1.9	1.9	2.7
	Tarash	2.7	1.7	1.9	2.2	1.9	1.9	1.9	1.9	1.8	2.5	2.8	2.7	2.2	2.4	2.0	1.9	2.7
	Ullah Para	2.7	1.8	1.9	2.2	1.9	2.0	1.9	1.9	1.9	2.5	2.9	2.8	2.2	2.4	2.0	1.9	2.7
Sunamganj	Bishwambarpur	2.5	1.5	1.8	2.2	1.9	2.2	1.8	1.8	1.9	2.7	2.8	2.8	2.2	2.3	2.0	1.9	2.7
	Chhatak	2.5	1.6	1.8	2.2	1.9	2.2	1.8	1.8	1.9	2.6	2.8	2.8	2.2	2.3	2.0	1.9	2.7

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	Derai	2.6	1.6	1.8	2.2	1.8	2.2	1.8	1.9	1.9	2.6	2.8	2.8	2.2	2.3	1.9	2.0	2.7
	Dharampasha	2.5	1.5	1.8	2.2	1.9	2.2	1.8	1.9	1.9	2.6	2.8	2.8	2.2	2.3	2.0	1.9	2.7
	Dowarabazar	2.5	1.5	1.8	2.3	1.9	2.2	1.8	1.8	1.9	2.7	2.8	2.7	2.2	2.3	2.0	1.9	2.7
	Jagannathpur	2.6	1.6	1.8	2.2	1.9	2.3	1.8	1.8	1.9	2.6	2.8	2.8	2.2	2.3	1.9	2.0	2.7
	Jamalganj	2.5	1.6	1.8	2.2	1.9	2.2	1.8	1.9	1.9	2.6	2.8	2.8	2.2	2.3	2.0	1.9	2.7
	Dak. Sunamganj	2.5	1.6	1.8	2.2	1.9	2.2	1.8	1.8	1.9	2.6	2.8	2.8	2.2	2.3	2.0	1.9	2.7
	Sulla	2.6	1.6	1.7	2.2	1.8	2.2	1.8	1.9	1.9	2.6	2.8	2.8	2.2	2.3	1.9	2.0	2.7
	Sunamganj Sada	2.5	1.5	1.8	2.2	1.9	2.2	1.8	1.8	1.9	2.7	2.8	2.8	2.2	2.3	2.0	1.9	2.7
	Tahirpur	2.5	1.5	1.8	2.2	1.9	2.2	1.8	1.9	1.9	2.6	2.8	2.8	2.2	2.3	2.0	1.9	2.7
Sylhet	Balaganj	2.6	1.6	1.7	2.2	1.9	2.3	1.8	1.8	1.9	2.6	2.9	2.8	2.2	2.3	1.9	2.0	2.7
	Beani Bazar	2.5	1.5	1.8	2.2	2.0	2.3	1.8	1.8	1.9	2.6	2.9	2.7	2.2	2.3	2.0	1.9	2.7
	Bishwanath	2.6	1.6	1.8	2.2	1.9	2.3	1.8	1.8	1.9	2.6	2.8	2.8	2.2	2.3	2.0	1.9	2.7
	Companiganj	2.5	1.5	1.8	2.3	2.0	2.2	1.8	1.8	1.9	2.7	2.8	2.7	2.2	2.3	2.0	1.9	2.7
	Dakshin Surma	2.5	1.6	1.8	2.2	1.9	2.3	1.8	1.8	1.9	2.6	2.9	2.8	2.2	2.3	2.0	1.9	2.7
	Fenchuganj	2.5	1.6	1.7	2.2	1.9	2.3	1.8	1.8	1.9	2.6	2.9	2.8	2.2	2.3	1.9	1.9	2.7
	Jaintiapur	2.5	1.5	1.8	2.3	2.0	2.3	1.8	1.8	1.9	2.7	2.8	2.7	2.2	2.3	2.1	1.9	2.8
	Golabganj	2.5	1.5	1.8	2.2	1.9	2.3	1.8	1.8	1.9	2.6	2.9	2.7	2.2	2.3	2.0	1.9	2.7
	Gowainghat	2.5	1.5	1.8	2.3	2.0	2.3	1.8	1.8	1.9	2.7	2.8	2.7	2.2	2.3	2.0	1.9	2.7
	Kanaighat	2.5	1.5	1.8	2.3	2.0	2.3	1.8	1.8	1.9	2.7	2.9	2.7	2.2	2.2	2.0	1.9	2.8
	Sylhet Sadar	2.5	1.5	1.8	2.2	2.0	2.3	1.8	1.8	1.9	2.6	2.8	2.7	2.2	2.3	2.0	1.9	2.7
	Zakiganj	2.5	1.5	1.8	2.3	2.0	2.3	1.8	1.8	1.9	2.6	2.9	2.7	2.2	2.2	2.0	1.9	2.8
Tangail	Basail	2.7	1.8	1.8	2.1	1.8	2.2	1.9	2.0	1.9	2.5	2.9	2.8	2.2	2.5	1.9	2.0	2.7
	Bhuapur	2.6	1.7	1.8	2.1	1.8	2.1	1.9	1.9	1.9	2.5	2.8	2.8	2.2	2.4	1.9	1.9	2.7
	Delduar	2.8	1.9	1.8	2.1	1.8	2.2	1.9	2.0	1.9	2.5	2.9	2.9	2.2	2.5	1.9	2.0	2.7
	Dhanbari	2.6	1.6	1.8	2.1	1.8	2.1	1.9	1.9	1.9	2.6	2.8	2.7	2.1	2.3	1.9	1.9	2.7
	Ghatail	2.6	1.7	1.8	2.1	1.8	2.1	1.9	1.9	1.9	2.5	2.9	2.8	2.2	2.4	1.9	2.0	2.7
	Gopalpur	2.6	1.7	1.8	2.1	1.8	2.1	1.9	1.9	1.9	2.5	2.8	2.8	2.2	2.3	1.9	1.9	2.7
	Kalihati	2.7	1.8	1.8	2.1	1.8	2.1	1.9	1.9	1.9	2.5	2.9	2.8	2.2	2.4	1.9	2.0	2.7
	Mirzapur	2.8	1.9	1.7	2.1	1.8	2.2	1.9	2.0	1.9	2.5	2.9	2.9	2.2	2.5	1.9	2.0	2.7
	Madhupur	2.6	1.6	1.8	2.1	1.8	2.1	1.9	1.9	1.9	2.6	2.8	2.7	2.2	2.3	1.9	2.0	2.7
	Nagarpur	2.8	1.9	1.8	2.1	1.8	2.1	1.9	1.9	1.9	2.5	2.9	2.9	2.2	2.5	1.9	2.0	2.7
	Sakhipur	2.7	1.8	1.7	2.1	1.8	2.2	1.9	1.9	1.9	2.5	2.9	2.8	2.2	2.4	1.9	2.0	2.7
	Tangail Sadar	2.7	1.8	1.8	2.1	1.8	2.1	1.9	1.9	1.9	2.5	2.9	2.8	2.2	2.5	1.9	2.0	2.7
Thakurgaon	Baliadangi	2.7	1.8	2.1	1.9	1.9	1.8	1.9	1.9	1.9	2.4	2.4	2.6	2.1	2.4	2.0	1.9	2.4
	Haripur	2.6	1.7	2.1	2.0	2.0	1.6	1.9	1.8	1.9	2.5	2.4	2.5	2.1	2.3	2.1	1.8	2.5
	Pirganj	2.6	1.7	2.1	2.0	1.9	1.6	1.9	1.8	1.8	2.5	2.4	2.5	2.1	2.3	2.0	1.8	2.5
	Ranisankail	2.6	1.7	2.1	2.0	1.9	1.7	1.9	1.8	1.9	2.5	2.4	2.5	2.1	2.3	2.0	1.8	2.5
	Thakurgaon Sada	2.6	1.8	2.1	1.9	1.9	1.8	1.9	1.9	1.9	2.5	2.4	2.6	2.1	2.3	2.0	1.9	2.4

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Table 6.8: Projected minimum temperature change for 487 upazilas in Bangladesh under RCP4.5 scenarios for the year 2090.

Dist. Name	Upz. Name	Jan (°C)	Feb (°C)	Mar (°C)	Apr (°C)	May (°C)	Jun (°C)	Jul (°C)	Aug (°C)	Sep (°C)	Oct (°C)	Nov (°C)	Dec (°C)	Ann (°C)	Wint er(°C	Pre-mon	Mon (°C)	Post-mon(°C
Bagerhat	Bagerhat Sadar	1.9	1.2	2.1	1.7	1.8	1.5	1.5	1.6	1.4	2.1	1.9	1.4	1.7	1.5	1.9	1.5	2.0
	Chitalmari	2.0	1.2	2.2	1.8	1.8	1.5	1.6	1.7	1.5	2.2	1.9	1.4	1.7	1.5	1.9	1.6	2.1
	Fakirhat	2.0	1.2	2.2	1.7	1.8	1.5	1.5	1.6	1.4	2.1	1.9	1.4	1.7	1.5	1.9	1.5	2.0
	Kachua	1.9	1.2	2.1	1.8	1.8	1.5	1.5	1.6	1.4	2.2	1.9	1.4	1.7	1.5	1.9	1.5	2.0
	Mongla	1.7	1.2	1.9	1.7	1.7	1.4	1.4	1.5	1.2	2.0	1.7	1.3	1.6	1.4	1.8	1.4	1.8
	Mollahat	2.0	1.2	2.2	1.8	1.8	1.5	1.6	1.7	1.5	2.2	1.9	1.4	1.7	1.5	1.9	1.6	2.1
	Morrelganj	1.9	1.2	2.0	1.8	1.7	1.5	1.5	1.6	1.4	2.1	1.8	1.4	1.7	1.5	1.8	1.5	2.0
	Rampal	1.9	1.2	2.1	1.7	1.8	1.5	1.5	1.6	1.4	2.1	1.9	1.4	1.7	1.5	1.9	1.5	2.0
	Sarankhola	1.7	1.2	1.8	1.8	1.7	1.4	1.4	1.5	1.3	2.0	1.7	1.3	1.6	1.4	1.8	1.4	1.8
Bandarban	Alikadam	1.6	1.3	2.3	2.1	2.2	1.9	1.5	1.5	1.5	2.1	1.6	0.6	1.7	1.2	2.2	1.6	1.8
	Bandarban Sad	1.8	1.4	2.5	2.2	2.2	2.0	1.6	1.6	1.6	2.1	1.6	0.7	1.8	1.3	2.3	1.7	1.9
	Lama	1.6	1.4	2.4	2.1	2.2	1.9	1.5	1.5	1.5	2.1	1.6	0.6	1.7	1.2	2.2	1.6	1.8
	Naikhongchhar	1.5	1.3	2.2	2.1	2.2	1.8	1.4	1.4	1.4	2.0	1.5	0.6	1.6	1.1	2.2	1.5	1.8
	Rowangchhari	1.8	1.4	2.5	2.2	2.3	2.0	1.6	1.6	1.6	2.1	1.6	0.7	1.8	1.3	2.3	1.7	1.9
	Ruma	1.7	1.4	2.5	2.2	2.3	2.0	1.6	1.6	1.6	2.1	1.6	0.6	1.8	1.3	2.3	1.7	1.9
	Thanchi	1.6	1.4	2.4	2.2	2.2	1.9	1.5	1.5	1.6	2.1	1.6	0.6	1.7	1.2	2.3	1.6	1.9
Barguna	Amtali	1.7	1.2	2.0	1.8	1.8	1.5	1.4	1.5	1.4	2.1	1.7	1.2	1.6	1.4	1.9	1.5	1.9
	Bamna	1.8	1.2	2.0	1.8	1.7	1.5	1.4	1.6	1.4	2.1	1.8	1.3	1.6	1.4	1.8	1.5	1.9
	Barguna Sadar	1.7	1.2	1.9	1.8	1.7	1.5	1.4	1.5	1.3	2.0	1.7	1.2	1.6	1.4	1.8	1.4	1.9
	Betagi	1.8	1.2	2.0	1.8	1.8	1.5	1.5	1.6	1.4	2.1	1.8	1.3	1.6	1.4	1.9	1.5	1.9
	Patharghata	1.7	1.2	1.9	1.8	1.7	1.5	1.4	1.5	1.3	2.0	1.7	1.3	1.6	1.4	1.8	1.4	1.9
	Taltoli	1.6	1.2	1.8	1.8	1.7	1.5	1.4	1.5	1.3	2.0	1.6	1.2	1.6	1.4	1.8	1.4	1.8
Barisal	Agailjhara	2.0	1.2	2.3	1.8	1.8	1.6	1.6	1.7	1.6	2.2	1.9	1.3	1.8	1.5	2.0	1.6	2.1
	Babuganj	2.0	1.2	2.3	1.9	1.8	1.6	1.6	1.7	1.6	2.2	1.9	1.3	1.8	1.5	2.0	1.6	2.1
	Bakerganj	1.9	1.2	2.2	1.9	1.8	1.6	1.5	1.6	1.5	2.2	1.8	1.2	1.7	1.5	2.0	1.6	2.0
	Banari Para	2.0	1.2	2.2	1.8	1.8	1.6	1.6	1.7	1.5	2.2	1.9	1.3	1.7	1.5	1.9	1.6	2.1
	Barisal Sadar	2.0	1.2	2.2	1.9	1.9	1.6	1.6	1.7	1.5	2.2	1.9	1.3	1.7	1.5	2.0	1.6	2.0
	Gaurnadi	2.0	1.2	2.3	1.9	1.8	1.6	1.6	1.7	1.6	2.2	1.9	1.3	1.8	1.5	2.0	1.6	2.1
	Hizla	2.0	1.3	2.4	1.9	1.9	1.7	1.7	1.7	1.6	2.2	1.9	1.2	1.8	1.5	2.1	1.7	2.1
	Mehendiganj	2.0	1.3	2.3	1.9	1.9	1.7	1.6	1.7	1.6	2.2	1.9	1.2	1.8	1.5	2.0	1.6	2.1
	Muladi	2.0	1.2	2.3	1.9	1.9	1.6	1.6	1.7	1.6	2.2	1.9	1.3	1.8	1.5	2.0	1.6	2.1
	Wazirpur	2.0	1.2	2.3	1.8	1.8	1.6	1.6	1.7	1.5	2.2	1.9	1.3	1.8	1.5	2.0	1.6	2.1
Bhola	Bhola Sadar	1.9	1.3	2.3	1.9	1.9	1.7	1.6	1.7	1.6	2.2	1.8	1.2	1.8	1.5	2.0	1.6	2.0
	Burhanuddin	1.8	1.3	2.2	1.9	1.9	1.7	1.5	1.6	1.5	2.2	1.8	1.1	1.7	1.4	2.0	1.6	2.0
	Char Fasson	1.7	1.3	2.0	1.9	1.9	1.6	1.4	1.5	1.4	2.1	1.6	1.0	1.6	1.3	2.0	1.5	1.8

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	Daulatkhan	1.9	1.3	2.3	1.9	1.9	1.7	1.6	1.6	1.6	2.2	1.8	1.2	1.8	1.5	2.1	1.6	2.0
	Lalmohan	1.8	1.3	2.2	1.9	1.9	1.7	1.5	1.6	1.5	2.1	1.7	1.1	1.7	1.4	2.0	1.5	1.9
	Manpura	1.7	1.3	2.2	2.0	2.0	1.7	1.5	1.5	1.5	2.1	1.7	1.0	1.7	1.3	2.0	1.5	1.9
	Tazumuddin	1.8	1.3	2.2	2.0	2.0	1.7	1.5	1.6	1.5	2.2	1.8	1.1	1.7	1.4	2.1	1.6	2.0
Bogra	Adamdighi	2.1	1.3	2.6	2.1	2.3	2.0	1.8	1.8	1.8	2.5	1.9	1.5	2.0	1.6	2.3	1.9	2.2
	Bogra Sadar	2.1	1.3	2.6	2.1	2.2	2.1	1.9	1.9	1.8	2.5	1.9	1.5	2.0	1.6	2.3	1.9	2.2
	Dhunat	2.1	1.3	2.6	2.1	2.1	2.1	1.9	1.9	1.8	2.5	1.9	1.4	2.0	1.6	2.3	1.9	2.2
	Dhupchanchia	2.1	1.3	2.6	2.1	2.2	2.1	1.9	1.8	1.8	2.5	1.9	1.5	2.0	1.6	2.3	1.9	2.2
	Gabtali	2.1	1.3	2.7	2.2	2.2	2.1	1.9	1.9	1.8	2.5	1.9	1.4	2.0	1.6	2.3	1.9	2.2
	Kahaloo	2.1	1.3	2.6	2.1	2.2	2.1	1.9	1.9	1.8	2.5	1.9	1.5	2.0	1.6	2.3	1.9	2.2
	Nandigram	2.1	1.3	2.6	2.1	2.2	2.0	1.8	1.8	1.8	2.5	1.9	1.5	2.0	1.6	2.3	1.9	2.2
	Sariakandi	2.1	1.3	2.7	2.2	2.1	2.1	1.9	1.9	1.8	2.5	1.9	1.4	2.0	1.6	2.3	1.9	2.2
	Shajahanpur	2.1	1.3	2.6	2.1	2.2	2.1	1.9	1.9	1.8	2.5	1.9	1.4	2.0	1.6	2.3	1.9	2.2
	Sherpur	2.1	1.3	2.6	2.1	2.2	2.0	1.9	1.8	1.8	2.5	1.9	1.4	2.0	1.6	2.3	1.9	2.2
	Shibganj	2.0	1.3	2.7	2.2	2.2	2.1	1.9	1.9	1.8	2.5	1.9	1.5	2.0	1.6	2.3	1.9	2.2
	Sonatola	2.0	1.3	2.7	2.2	2.2	2.1	1.9	1.9	1.9	2.5	1.9	1.4	2.0	1.6	2.3	2.0	2.2
Brahaman baria	Akhaura	2.0	1.1	2.6	2.2	2.1	2.0	1.8	1.8	1.8	2.3	1.8	0.9	1.9	1.4	2.3	1.9	2.0
	Ashuganj	2.1	1.1	2.6	2.2	2.1	2.1	1.9	1.8	1.8	2.3	1.9	1.0	1.9	1.4	2.3	1.9	2.1
	Banchharampu	2.1	1.2	2.5	2.1	2.0	1.9	1.8	1.8	1.8	2.3	1.9	1.0	1.9	1.4	2.2	1.8	2.1
	Bijoynagar	2.0	1.1	2.6	2.2	2.1	2.1	1.9	1.8	1.8	2.3	1.8	0.9	1.9	1.4	2.3	1.9	2.1
	Brahmanbaria Sadar	2.0	1.1	2.6	2.2	2.1	2.1	1.9	1.8	1.8	2.3	1.9	0.9	1.9	1.4	2.3	1.9	2.1
	Kasba	2.0	1.2	2.6	2.2	2.1	2.0	1.8	1.8	1.8	2.3	1.8	0.9	1.9	1.4	2.3	1.8	2.0
	Nabinagar	2.1	1.1	2.6	2.2	2.1	2.0	1.8	1.8	1.8	2.3	1.9	1.0	1.9	1.4	2.3	1.8	2.1
	Nasirnagar	2.0	1.1	2.7	2.3	2.2	2.1	1.9	1.8	1.9	2.3	1.9	1.0	1.9	1.4	2.4	1.9	2.1
	Sarail	2.0	1.1	2.7	2.2	2.1	2.1	1.9	1.8	1.9	2.3	1.9	1.0	1.9	1.4	2.3	1.9	2.1
Chapai Nawabganj	Bholahat	2.0	1.3	2.4	2.1	2.5	1.9	1.8	1.8	1.7	2.6	1.9	1.6	2.0	1.6	2.3	1.8	2.2
	Chapai Nawabganj Sad	2.0	1.2	2.3	2.0	2.5	1.9	1.7	1.8	1.7	2.5	1.9	1.6	1.9	1.6	2.3	1.8	2.2
	Gomastapur	2.0	1.3	2.4	2.1	2.5	1.9	1.8	1.8	1.7	2.6	1.9	1.6	2.0	1.6	2.3	1.8	2.2
	Nachole	2.0	1.2	2.4	2.0	2.4	1.9	1.8	1.8	1.7	2.5	1.9	1.6	1.9	1.6	2.3	1.8	2.2
	Shibganj	2.0	1.2	2.4	2.0	2.5	1.9	1.8	1.8	1.7	2.5	1.9	1.6	1.9	1.6	2.3	1.8	2.2
Chandpur	Chandpur Sadar	2.1	1.2	2.4	2.0	1.9	1.8	1.7	1.7	1.7	2.2	1.9	1.1	1.8	1.5	2.1	1.7	2.1
	Faridganj	2.0	1.3	2.4	2.0	2.0	1.8	1.7	1.7	1.7	2.2	1.9	1.1	1.8	1.5	2.1	1.7	2.1
	Haim Char	2.0	1.3	2.4	1.9	1.9	1.7	1.7	1.7	1.7	2.2	1.9	1.2	1.8	1.5	2.1	1.7	2.1
	Hajiganj	2.1	1.3	2.5	2.0	2.0	1.8	1.7	1.7	1.7	2.2	1.9	1.1	1.8	1.5	2.2	1.8	2.1
	Kachua	2.1	1.2	2.5	2.0	2.0	1.8	1.8	1.8	1.7	2.2	1.9	1.1	1.8	1.5	2.2	1.8	2.1

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	Matlab Dakshin	2.1	1.2	2.5	2.0	2.0	1.8	1.7	1.7	1.7	2.2	1.9	1.1	1.8	1.5	2.1	1.8	2.1
	Matlab Uttar	2.1	1.2	2.5	2.0	1.9	1.8	1.7	1.8	1.7	2.2	1.9	1.1	1.8	1.5	2.1	1.7	2.1
	Shahrasti	2.0	1.3	2.5	2.0	2.0	1.8	1.7	1.7	1.7	2.2	1.9	1.1	1.8	1.5	2.2	1.8	2.0
Chittagon	Anowara	1.7	1.4	2.4	2.1	2.2	1.9	1.6	1.6	1.6	2.1	1.6	0.8	1.7	1.3	2.2	1.6	1.9
	Banshkhali	1.7	1.4	2.4	2.1	2.2	1.9	1.5	1.5	1.5	2.1	1.6	0.7	1.7	1.3	2.2	1.6	1.9
	Boalkhali	1.8	1.4	2.5	2.2	2.2	2.0	1.6	1.6	1.6	2.2	1.7	0.8	1.8	1.4	2.3	1.7	1.9
	Chandanaish	1.8	1.4	2.5	2.2	2.2	1.9	1.6	1.6	1.6	2.1	1.6	0.8	1.8	1.3	2.3	1.7	1.9
	Fatikchhari	1.9	1.4	2.6	2.2	2.2	2.0	1.7	1.7	1.7	2.2	1.7	0.9	1.9	1.4	2.3	1.8	2.0
	Hathazari	1.9	1.4	2.5	2.1	2.2	2.0	1.6	1.6	1.6	2.2	1.7	0.9	1.8	1.4	2.3	1.7	1.9
	Lohagara	1.7	1.4	2.4	2.1	2.2	1.9	1.5	1.5	1.5	2.1	1.6	0.7	1.7	1.3	2.3	1.6	1.9
	Mirsharai	2.0	1.4	2.5	2.1	2.1	1.9	1.7	1.7	1.7	2.2	1.8	1.0	1.8	1.4	2.3	1.8	2.0
	Patiya	1.8	1.4	2.5	2.2	2.2	1.9	1.6	1.6	1.6	2.2	1.6	0.8	1.8	1.3	2.3	1.7	1.9
	Rangunia	1.9	1.4	2.5	2.2	2.2	2.0	1.6	1.6	1.7	2.2	1.7	0.8	1.8	1.4	2.3	1.7	1.9
	Raozan	1.9	1.4	2.5	2.2	2.2	2.0	1.6	1.6	1.7	2.2	1.7	0.9	1.8	1.4	2.3	1.7	1.9
	Sandwip	1.9	1.4	2.4	2.1	2.1	1.9	1.6	1.6	1.6	2.2	1.7	1.0	1.8	1.4	2.2	1.7	1.9
	Satkania	1.7	1.4	2.4	2.1	2.2	1.9	1.6	1.5	1.6	2.1	1.6	0.7	1.7	1.3	2.3	1.6	1.9
	Sitakunda	1.9	1.4	2.5	2.1	2.2	1.9	1.6	1.6	1.6	2.2	1.7	0.9	1.8	1.4	2.3	1.7	1.9
Chuadanga	Alamdanga	2.0	1.1	2.3	1.8	2.2	1.7	1.6	1.7	1.5	2.3	2.0	1.4	1.8	1.5	2.1	1.6	2.1
	Chuadanga Sadar	2.0	1.1	2.3	1.7	2.1	1.6	1.6	1.7	1.5	2.2	2.0	1.4	1.8	1.5	2.0	1.6	2.1
	Damurhuda	2.0	1.1	2.2	1.7	2.1	1.6	1.6	1.7	1.5	2.2	2.0	1.5	1.8	1.5	2.0	1.6	2.1
	Jiban Nagar	2.0	1.1	2.3	1.7	2.1	1.6	1.6	1.7	1.4	2.2	2.0	1.5	1.8	1.5	2.0	1.6	2.1
Comilla	Barura	2.1	1.3	2.5	2.1	2.0	1.9	1.8	1.8	1.8	2.2	1.9	1.0	1.9	1.4	2.2	1.8	2.0
	Brahman Para	2.0	1.2	2.5	2.1	2.1	2.0	1.8	1.8	1.8	2.2	1.8	0.9	1.9	1.4	2.2	1.8	2.0
	Burichang	2.0	1.2	2.5	2.1	2.0	1.9	1.8	1.8	1.8	2.2	1.8	1.0	1.9	1.4	2.2	1.8	2.0
	Chandina	2.1	1.2	2.5	2.1	2.0	1.9	1.8	1.8	1.8	2.2	1.9	1.0	1.8	1.4	2.2	1.8	2.1
	Chauddagram	2.0	1.3	2.5	2.1	2.1	1.9	1.8	1.7	1.8	2.2	1.8	1.0	1.9	1.4	2.2	1.8	2.0
	Comilla Adarsha	2.0	1.2	2.5	2.1	2.1	1.9	1.8	1.8	1.8	2.2	1.8	1.0	1.9	1.4	2.2	1.8	2.0
	Daudkandi	2.1	1.2	2.5	2.1	2.0	1.8	1.8	1.8	1.7	2.2	1.9	1.0	1.8	1.4	2.2	1.8	2.1
	Debidwar	2.0	1.2	2.5	2.1	2.0	1.9	1.8	1.8	1.8	2.2	1.8	1.0	1.8	1.4	2.2	1.8	2.0
	Homna	2.1	1.2	2.5	2.1	2.0	1.9	1.8	1.8	1.7	2.3	1.9	1.0	1.8	1.4	2.2	1.8	2.1
	Laksam	2.0	1.3	2.5	2.1	2.0	1.9	1.8	1.7	1.8	2.2	1.8	1.0	1.8	1.5	2.2	1.8	2.0
	Meghna	2.1	1.2	2.5	2.1	2.0	1.8	1.8	1.8	1.7	2.2	1.9	1.0	1.8	1.4	2.2	1.8	2.1
	Manoharganj	2.0	1.3	2.5	2.0	2.0	1.9	1.7	1.7	1.7	2.2	1.8	1.1	1.8	1.5	2.2	1.8	2.0
	Muradnagar	2.1	1.2	2.5	2.1	2.0	1.9	1.8	1.8	1.8	2.3	1.8	1.0	1.9	1.4	2.2	1.8	2.0
	Nangalkot	2.0	1.3	2.5	2.1	2.1	1.9	1.8	1.7	1.8	2.2	1.8	1.0	1.8	1.5	2.2	1.8	2.0
	Comilla Sadar Dak	2.0	1.3	2.5	2.1	2.0	1.9	1.8	1.8	1.8	2.2	1.8	1.0	1.9	1.4	2.2	1.8	2.0
	Titas	2.1	1.2	2.5	2.1	2.0	1.9	1.8	1.8	1.7	2.2	1.9	1.0	1.8	1.4	2.2	1.8	2.1

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Cox'sBazar	Chakaria	1.6	1.3	2.3	2.1	2.2	1.8	1.5	1.5	1.5	2.1	1.6	0.7	1.7	1.2	2.2	1.6	1.8
	Cox's Bazar Sa	1.5	1.3	2.2	2.1	2.2	1.8	1.4	1.4	1.4	2.0	1.5	0.7	1.6	1.1	2.1	1.5	1.8
	Kutubdia	1.6	1.4	2.3	2.1	2.2	1.8	1.5	1.5	1.5	2.1	1.6	0.7	1.7	1.2	2.2	1.6	1.8
	Maheshkhali	1.5	1.3	2.2	2.1	2.2	1.8	1.4	1.4	1.4	2.0	1.5	0.7	1.6	1.2	2.1	1.5	1.8
	Pekua	1.6	1.4	2.3	2.1	2.2	1.8	1.5	1.5	1.5	2.1	1.6	0.7	1.7	1.2	2.2	1.6	1.8
	Ramu	1.5	1.3	2.2	2.1	2.2	1.8	1.4	1.4	1.4	2.0	1.5	0.6	1.6	1.1	2.2	1.5	1.8
	Teknaf	1.4	1.3	2.1	2.1	2.2	1.8	1.4	1.3	1.4	2.0	1.5	0.7	1.6	1.1	2.1	1.5	1.7
	Ukhia	1.4	1.3	2.1	2.1	2.2	1.8	1.4	1.4	1.4	2.0	1.5	0.7	1.6	1.1	2.1	1.5	1.7
Dhaka	Dhamrai	2.2	1.2	2.6	2.1	2.0	1.9	1.8	1.8	1.7	2.3	1.9	1.1	1.9	1.5	2.2	1.8	2.1
	Dohar	2.1	1.2	2.4	2.0	1.9	1.7	1.7	1.8	1.6	2.3	1.9	1.1	1.8	1.5	2.1	1.7	2.1
	Keraniganj	2.1	1.2	2.5	2.0	1.9	1.8	1.8	1.8	1.7	2.3	1.9	1.1	1.8	1.5	2.2	1.8	2.1
	Nawabganj	2.1	1.2	2.5	2.0	1.9	1.7	1.7	1.8	1.7	2.3	1.9	1.1	1.8	1.5	2.1	1.7	2.1
	Savar	2.1	1.2	2.5	2.1	2.0	1.9	1.8	1.8	1.7	2.3	1.9	1.1	1.9	1.5	2.2	1.8	2.1
Dinajpur	Birampur	2.1	1.4	2.6	2.2	2.3	2.1	1.9	1.9	1.8	2.6	1.8	1.5	2.0	1.6	2.4	1.9	2.2
	Birganj	2.1	1.3	2.6	2.3	2.4	2.3	1.9	2.0	1.8	2.6	1.8	1.4	2.1	1.6	2.4	2.0	2.2
	Biral	2.1	1.3	2.6	2.2	2.4	2.2	1.9	1.9	1.8	2.6	1.8	1.4	2.0	1.6	2.4	1.9	2.2
	Bochaganj	2.1	1.3	2.6	2.3	2.4	2.2	1.9	1.9	1.8	2.6	1.8	1.4	2.0	1.6	2.4	2.0	2.2
	Chirirbandar	2.1	1.3	2.6	2.2	2.4	2.2	1.9	1.9	1.8	2.6	1.8	1.4	2.0	1.6	2.4	2.0	2.2
	Dinajpur Sadar	2.1	1.3	2.6	2.2	2.4	2.2	1.9	1.9	1.8	2.6	1.8	1.4	2.0	1.6	2.4	2.0	2.2
	Fulbari	2.1	1.4	2.6	2.2	2.3	2.2	1.9	1.9	1.8	2.6	1.8	1.5	2.0	1.6	2.4	2.0	2.2
	Ghoraghat	2.0	1.4	2.7	2.2	2.2	2.2	1.9	1.9	1.9	2.6	1.8	1.5	2.0	1.6	2.4	2.0	2.2
	Hakimpur	2.1	1.4	2.6	2.2	2.3	2.1	1.9	1.9	1.8	2.6	1.8	1.5	2.0	1.6	2.4	1.9	2.2
	Kaharole	2.1	1.3	2.6	2.3	2.4	2.2	1.9	1.9	1.8	2.6	1.8	1.4	2.0	1.6	2.4	2.0	2.2
	Khansama	2.1	1.3	2.6	2.3	2.4	2.3	1.9	2.0	1.9	2.6	1.8	1.4	2.1	1.6	2.4	2.0	2.2
	Nawabganj	2.1	1.4	2.7	2.2	2.3	2.2	1.9	1.9	1.9	2.6	1.8	1.5	2.0	1.6	2.4	2.0	2.2
	Parbatipur	2.1	1.3	2.6	2.2	2.3	2.2	1.9	1.9	1.9	2.6	1.8	1.4	2.0	1.6	2.4	2.0	2.2
Faridpur	Alfadanga	2.1	1.2	2.3	1.8	1.9	1.6	1.6	1.7	1.5	2.2	2.0	1.3	1.8	1.5	2.0	1.6	2.1
	Bhanga	2.1	1.2	2.4	1.9	1.8	1.6	1.7	1.7	1.6	2.2	2.0	1.2	1.8	1.5	2.0	1.7	2.1
	Boalmari	2.1	1.2	2.4	1.8	1.9	1.6	1.7	1.7	1.6	2.2	2.0	1.3	1.8	1.5	2.0	1.6	2.1
	Char Bhadrasan	2.1	1.2	2.4	2.0	1.9	1.7	1.7	1.8	1.6	2.2	1.9	1.2	1.8	1.5	2.1	1.7	2.1
	Faridpur Sadar	2.1	1.2	2.4	1.9	1.9	1.7	1.7	1.7	1.6	2.2	1.9	1.2	1.8	1.5	2.1	1.7	2.1
	Madhukhali	2.1	1.2	2.4	1.9	1.9	1.7	1.7	1.7	1.6	2.2	1.9	1.3	1.8	1.5	2.0	1.7	2.1
	Nagarkanda	2.1	1.2	2.4	1.9	1.8	1.6	1.7	1.7	1.6	2.2	2.0	1.2	1.8	1.5	2.0	1.7	2.1
	Sadarpur	2.1	1.2	2.4	1.9	1.9	1.7	1.7	1.7	1.6	2.2	1.9	1.2	1.8	1.5	2.1	1.7	2.1
	Saltha	2.1	1.2	2.4	1.9	1.9	1.6	1.7	1.7	1.6	2.2	2.0	1.3	1.8	1.5	2.0	1.7	2.1
Feni	Chhagalnaiya	2.0	1.4	2.5	2.1	2.1	2.0	1.7	1.7	1.8	2.2	1.8	1.0	1.9	1.4	2.3	1.8	2.0
	Daganbhuiyan	2.0	1.3	2.5	2.1	2.1	1.9	1.7	1.7	1.7	2.2	1.8	1.0	1.8	1.5	2.2	1.8	2.0
	Feni Sadar	2.0	1.4	2.5	2.1	2.1	1.9	1.7	1.7	1.7	2.2	1.8	1.0	1.9	1.5	2.2	1.8	2.0

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	Fulgazi	2.0	1.3	2.5	2.1	2.1	2.0	1.8	1.7	1.8	2.2	1.8	1.0	1.9	1.4	2.3	1.8	2.0
	Parshuram	2.0	1.3	2.5	2.1	2.1	2.0	1.8	1.7	1.8	2.2	1.8	1.0	1.9	1.4	2.3	1.8	2.0
	Sonagazi	2.0	1.4	2.5	2.1	2.1	1.9	1.7	1.7	1.7	2.2	1.8	1.0	1.8	1.5	2.2	1.8	2.0
Gaibandha	Gaibandha Sadar	2.0	1.3	2.8	2.2	2.2	2.3	2.0	1.9	1.9	2.6	1.8	1.5	2.0	1.6	2.4	2.0	2.2
	Gobindaganj	2.0	1.3	2.7	2.2	2.2	2.2	1.9	1.9	1.9	2.6	1.8	1.5	2.0	1.6	2.4	2.0	2.2
	Palashbari	2.0	1.3	2.7	2.2	2.2	2.2	2.0	1.9	1.9	2.6	1.8	1.5	2.0	1.6	2.4	2.0	2.2
	Fulchhari	2.0	1.3	2.8	2.2	2.1	2.2	2.0	1.9	1.9	2.6	1.8	1.4	2.0	1.6	2.4	2.0	2.2
	Sadullapur	2.0	1.3	2.7	2.2	2.2	2.2	2.0	1.9	1.9	2.6	1.8	1.5	2.0	1.6	2.4	2.0	2.2
	Saghatta	2.0	1.3	2.7	2.2	2.1	2.2	2.0	1.9	1.9	2.6	1.8	1.5	2.0	1.6	2.4	2.0	2.2
	Sundarganj	2.1	1.3	2.8	2.2	2.2	2.3	2.0	2.0	1.9	2.6	1.8	1.5	2.1	1.6	2.4	2.0	2.2
Gazipur	Gazipur Sadar	2.1	1.2	2.6	2.1	2.0	1.9	1.8	1.8	1.8	2.3	1.9	1.1	1.9	1.5	2.3	1.8	2.1
	Kaliganj	2.1	1.2	2.6	2.2	2.0	2.0	1.8	1.8	1.8	2.3	1.9	1.1	1.9	1.4	2.3	1.8	2.1
	Kaliakair	2.1	1.2	2.6	2.2	2.0	2.0	1.8	1.8	1.8	2.3	1.9	1.1	1.9	1.5	2.3	1.8	2.1
	Kapasia	2.1	1.2	2.7	2.2	2.1	2.0	1.9	1.8	1.8	2.3	1.9	1.1	1.9	1.5	2.3	1.9	2.1
	Sreepur	2.1	1.2	2.7	2.2	2.0	2.0	1.9	1.8	1.8	2.3	1.9	1.1	1.9	1.5	2.3	1.9	2.1
Gopalganj	Gopalganj Sadar	2.1	1.2	2.3	1.8	1.8	1.6	1.6	1.7	1.5	2.2	2.0	1.4	1.8	1.5	2.0	1.6	2.1
	Kashiani	2.1	1.2	2.3	1.8	1.8	1.6	1.6	1.7	1.5	2.2	2.0	1.3	1.8	1.5	2.0	1.6	2.1
	Kotali Para	2.0	1.2	2.3	1.8	1.8	1.6	1.6	1.7	1.5	2.2	1.9	1.3	1.8	1.5	2.0	1.6	2.1
	Muksudpur	2.1	1.2	2.4	1.8	1.8	1.6	1.7	1.7	1.6	2.2	2.0	1.3	1.8	1.5	2.0	1.6	2.1
	Tungi Para	2.0	1.2	2.2	1.8	1.8	1.5	1.6	1.7	1.5	2.2	1.9	1.4	1.7	1.5	1.9	1.6	2.1
Habiganj	Ajmiriganj	2.0	1.1	2.8	2.3	2.2	2.3	2.0	1.9	1.9	2.4	1.9	1.1	2.0	1.4	2.4	2.0	2.1
	Bahubal	1.9	1.1	2.7	2.3	2.2	2.2	1.9	1.8	1.9	2.4	1.9	1.0	1.9	1.3	2.4	2.0	2.1
	Baniachong	2.0	1.1	2.7	2.3	2.2	2.3	2.0	1.9	1.9	2.4	1.9	1.0	2.0	1.4	2.4	2.0	2.1
	Chunarughat	2.0	1.1	2.7	2.3	2.2	2.2	1.9	1.8	1.9	2.3	1.8	0.9	1.9	1.3	2.4	1.9	2.1
	Habiganj Sadar	2.0	1.1	2.7	2.3	2.2	2.2	1.9	1.8	1.9	2.4	1.9	1.0	1.9	1.4	2.4	2.0	2.1
	Lakhai	2.0	1.1	2.7	2.3	2.2	2.2	1.9	1.8	1.9	2.4	1.9	1.0	1.9	1.4	2.4	2.0	2.1
	Madhabpur	2.0	1.1	2.7	2.3	2.2	2.2	1.9	1.8	1.9	2.3	1.9	0.9	1.9	1.3	2.4	1.9	2.1
	Nabiganj	1.9	1.1	2.8	2.3	2.2	2.3	2.0	1.9	1.9	2.4	1.9	1.0	2.0	1.3	2.4	2.0	2.1
Jamalpur	Bakshiganj	2.0	1.3	2.8	2.2	2.1	2.3	2.0	2.0	1.9	2.6	1.8	1.4	2.0	1.6	2.4	2.0	2.2
	Dewanganj	2.0	1.3	2.8	2.2	2.1	2.3	2.0	2.0	1.9	2.6	1.8	1.4	2.0	1.6	2.4	2.0	2.2
	Islampur	2.0	1.3	2.8	2.2	2.1	2.2	2.0	1.9	1.9	2.5	1.8	1.4	2.0	1.6	2.3	2.0	2.2
	Jamalpur Sadar	2.1	1.3	2.8	2.2	2.0	2.2	2.0	1.9	1.9	2.5	1.9	1.3	2.0	1.6	2.3	2.0	2.2
	Madarganj	2.1	1.3	2.7	2.2	2.1	2.1	1.9	1.9	1.9	2.5	1.9	1.4	2.0	1.6	2.3	2.0	2.2
	Melandaha	2.1	1.3	2.8	2.2	2.1	2.2	2.0	1.9	1.9	2.5	1.8	1.4	2.0	1.6	2.3	2.0	2.2
	Sharishabari	2.1	1.3	2.7	2.2	2.1	2.1	1.9	1.9	1.8	2.5	1.9	1.3	2.0	1.6	2.3	1.9	2.2
Jessore	Abhaynagar	2.0	1.1	2.2	1.7	1.9	1.5	1.6	1.7	1.4	2.2	1.9	1.4	1.7	1.5	1.9	1.5	2.1
	Bagher Para	2.0	1.1	2.3	1.7	1.9	1.6	1.6	1.7	1.5	2.2	2.0	1.4	1.7	1.5	2.0	1.6	2.1
	Chaugachha	2.0	1.1	2.3	1.7	2.0	1.5	1.6	1.7	1.4	2.2	2.0	1.5	1.7	1.5	2.0	1.5	2.1

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	Sadar	2.0	1.1	2.3	1.7	1.9	1.5	1.6	1.7	1.4	2.2	1.9	1.4	1.7	1.5	2.0	1.6	2.1
	Jhikargachha	2.0	1.1	2.2	1.6	1.9	1.5	1.6	1.6	1.4	2.1	1.9	1.5	1.7	1.5	1.9	1.5	2.0
	Keshabpur	2.0	1.1	2.2	1.7	1.9	1.5	1.5	1.6	1.4	2.1	1.9	1.5	1.7	1.5	1.9	1.5	2.0
	Manirampur	2.0	1.1	2.2	1.7	1.9	1.5	1.6	1.6	1.4	2.1	1.9	1.5	1.7	1.5	1.9	1.5	2.0
	Sharsha	2.0	1.1	2.2	1.6	1.9	1.5	1.5	1.6	1.3	2.1	1.9	1.5	1.7	1.5	1.9	1.5	2.0
Jhalokati	Jhalokati Sadar	1.9	1.2	2.2	1.8	1.8	1.6	1.6	1.6	1.5	2.2	1.9	1.3	1.7	1.5	1.9	1.6	2.0
	Kanthalia	1.8	1.2	2.1	1.8	1.8	1.5	1.5	1.6	1.4	2.1	1.8	1.3	1.7	1.4	1.9	1.5	2.0
	Nalchity	1.9	1.2	2.2	1.8	1.8	1.6	1.5	1.6	1.5	2.2	1.9	1.3	1.7	1.5	1.9	1.6	2.0
	Rajapur	1.9	1.2	2.1	1.8	1.8	1.5	1.5	1.6	1.5	2.2	1.8	1.3	1.7	1.5	1.9	1.5	2.0
Jhenaidah	Harinakunda	2.0	1.1	2.3	1.8	2.1	1.7	1.6	1.7	1.5	2.2	2.0	1.4	1.8	1.5	2.0	1.6	2.1
	Jhenaidah Sadar	2.0	1.1	2.3	1.7	2.0	1.6	1.6	1.7	1.5	2.2	2.0	1.4	1.8	1.5	2.0	1.6	2.1
	Kaliganj	2.0	1.1	2.3	1.7	2.0	1.6	1.6	1.7	1.5	2.2	2.0	1.4	1.8	1.5	2.0	1.6	2.1
	Kotchandpur	2.0	1.1	2.3	1.7	2.0	1.6	1.6	1.7	1.5	2.2	2.0	1.4	1.8	1.5	2.0	1.6	2.1
	Maheshpur	2.0	1.1	2.3	1.6	2.0	1.6	1.6	1.7	1.4	2.2	2.0	1.5	1.7	1.5	2.0	1.5	2.1
	Shailkupa	2.1	1.1	2.3	1.8	2.0	1.7	1.6	1.7	1.5	2.3	2.0	1.3	1.8	1.5	2.1	1.6	2.1
Joypurhat	Akkelpur	2.1	1.3	2.6	2.1	2.3	2.0	1.9	1.8	1.8	2.5	1.9	1.5	2.0	1.6	2.3	1.9	2.2
	Joypurhat Sadar	2.0	1.3	2.6	2.2	2.3	2.1	1.9	1.9	1.8	2.6	1.9	1.5	2.0	1.6	2.4	1.9	2.2
	Kalai	2.0	1.3	2.6	2.2	2.2	2.1	1.9	1.9	1.8	2.6	1.9	1.5	2.0	1.6	2.4	1.9	2.2
	Khetlal	2.0	1.3	2.6	2.2	2.3	2.1	1.9	1.9	1.8	2.6	1.9	1.5	2.0	1.6	2.3	1.9	2.2
	Panchbibi	2.0	1.4	2.6	2.2	2.3	2.1	1.9	1.9	1.8	2.6	1.8	1.5	2.0	1.6	2.4	1.9	2.2
Khagrachhari	Dighinala	2.0	1.3	2.7	2.3	2.2	2.1	1.8	1.7	1.8	2.2	1.7	0.8	1.9	1.4	2.4	1.9	2.0
	Khagrachhari Sa	2.0	1.4	2.7	2.2	2.2	2.1	1.8	1.7	1.8	2.2	1.7	0.9	1.9	1.4	2.4	1.8	2.0
	Lakshmichhari	2.0	1.4	2.6	2.2	2.2	2.0	1.7	1.7	1.7	2.2	1.7	0.9	1.9	1.4	2.3	1.8	2.0
	Mahalchhari	2.0	1.4	2.7	2.2	2.2	2.1	1.8	1.7	1.8	2.2	1.7	0.9	1.9	1.4	2.4	1.8	2.0
	Manikchhari	2.0	1.4	2.6	2.2	2.2	2.0	1.7	1.7	1.7	2.2	1.7	0.9	1.9	1.4	2.3	1.8	2.0
	Matiranga	2.0	1.4	2.6	2.2	2.2	2.1	1.8	1.7	1.8	2.2	1.7	0.9	1.9	1.4	2.3	1.8	2.0
	Panchhari	2.0	1.3	2.6	2.2	2.2	2.1	1.8	1.7	1.8	2.2	1.7	0.9	1.9	1.4	2.3	1.9	2.0
	Ramgarh	2.0	1.4	2.6	2.2	2.2	2.0	1.8	1.7	1.8	2.2	1.7	0.9	1.9	1.4	2.3	1.8	2.0
Khulna	Batiaghata	1.9	1.2	2.1	1.7	1.8	1.5	1.5	1.6	1.4	2.1	1.9	1.4	1.7	1.5	1.9	1.5	2.0
	Dacope	1.8	1.1	1.9	1.7	1.7	1.4	1.4	1.5	1.2	2.0	1.7	1.4	1.6	1.4	1.8	1.4	1.9
	Dighalia	2.0	1.2	2.2	1.7	1.8	1.5	1.6	1.7	1.4	2.2	1.9	1.4	1.7	1.5	1.9	1.5	2.1
	Dumuria	2.0	1.1	2.2	1.7	1.8	1.5	1.5	1.6	1.4	2.1	1.9	1.4	1.7	1.5	1.9	1.5	2.0
	Koyra	1.7	1.1	1.8	1.7	1.7	1.4	1.4	1.5	1.2	1.9	1.7	1.4	1.5	1.4	1.7	1.4	1.8
	Phultala	2.0	1.1	2.2	1.7	1.9	1.5	1.6	1.6	1.4	2.2	1.9	1.4	1.7	1.5	1.9	1.5	2.0
	Paikgachha	1.9	1.1	2.1	1.7	1.8	1.4	1.5	1.6	1.3	2.1	1.8	1.4	1.6	1.5	1.9	1.5	2.0
	Rupsa	2.0	1.2	2.2	1.7	1.8	1.5	1.6	1.6	1.4	2.2	1.9	1.4	1.7	1.5	1.9	1.5	2.0
	Terokhada	2.0	1.2	2.2	1.7	1.8	1.5	1.6	1.7	1.5	2.2	1.9	1.4	1.7	1.5	1.9	1.6	2.1
Kishoreganj	Austagram	2.0	1.1	2.7	2.3	2.1	2.2	1.9	1.8	1.9	2.4	1.9	1.0	1.9	1.4	2.4	2.0	2.1

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	Bajitpur	2.1	1.1	2.7	2.2	2.1	2.1	1.9	1.8	1.9	2.3	1.9	1.0	1.9	1.4	2.3	1.9	2.1
	Bhairab	2.1	1.1	2.7	2.2	2.1	2.1	1.9	1.8	1.8	2.3	1.9	1.0	1.9	1.4	2.3	1.9	2.1
	Hossainpur	2.1	1.2	2.7	2.2	2.1	2.1	1.9	1.9	1.9	2.4	1.9	1.1	2.0	1.5	2.3	1.9	2.1
	Itna	2.0	1.2	2.8	2.3	2.1	2.2	2.0	1.9	1.9	2.4	1.9	1.1	2.0	1.4	2.4	2.0	2.1
	Karimganj	2.0	1.2	2.7	2.3	2.1	2.2	1.9	1.9	1.9	2.4	1.9	1.1	2.0	1.4	2.4	2.0	2.1
	Katiadi	2.1	1.2	2.7	2.2	2.1	2.1	1.9	1.8	1.9	2.4	1.9	1.1	1.9	1.4	2.3	1.9	2.1
	Kishoreganj Sad	2.0	1.2	2.7	2.2	2.1	2.2	1.9	1.9	1.9	2.4	1.9	1.1	2.0	1.4	2.4	2.0	2.1
	Kuliar Char	2.1	1.2	2.7	2.2	2.1	2.1	1.9	1.8	1.8	2.3	1.9	1.0	1.9	1.4	2.3	1.9	2.1
	Mithamain	2.0	1.1	2.7	2.3	2.1	2.2	1.9	1.9	1.9	2.4	1.9	1.1	2.0	1.4	2.4	2.0	2.1
	Nikli	2.0	1.2	2.7	2.3	2.1	2.2	1.9	1.8	1.9	2.4	1.9	1.1	1.9	1.4	2.4	1.9	2.1
	Pakundia	2.1	1.2	2.7	2.2	2.1	2.1	1.9	1.8	1.9	2.4	1.9	1.1	1.9	1.5	2.3	1.9	2.1
	Tarail	2.0	1.2	2.7	2.3	2.1	2.2	2.0	1.9	1.9	2.4	1.9	1.1	2.0	1.4	2.4	2.0	2.2
Kurigram	Bhurungamari	2.2	1.4	2.7	2.4	2.3	2.5	2.0	2.0	1.9	2.6	2.0	1.5	2.1	1.7	2.5	2.1	2.3
	Char Rajibpur	2.0	1.3	2.8	2.2	2.1	2.3	2.0	2.0	1.9	2.6	1.8	1.4	2.1	1.6	2.4	2.1	2.2
	Chilmari	2.1	1.3	2.8	2.2	2.1	2.3	2.0	2.0	1.9	2.6	1.8	1.5	2.1	1.6	2.4	2.1	2.2
	Kurigram Sada	2.1	1.4	2.8	2.3	2.2	2.4	2.0	2.0	1.9	2.6	1.9	1.5	2.1	1.7	2.4	2.1	2.2
	Nageshwari	2.2	1.4	2.8	2.4	2.3	2.4	2.0	2.0	1.9	2.6	1.9	1.5	2.1	1.7	2.5	2.1	2.3
	Phulbari	2.2	1.3	2.7	2.3	2.3	2.4	2.0	2.0	1.9	2.6	1.9	1.5	2.1	1.7	2.5	2.1	2.3
	Rajarhat	2.1	1.3	2.7	2.3	2.2	2.4	2.0	2.0	1.9	2.6	1.9	1.5	2.1	1.6	2.4	2.1	2.2
	Raumari	2.1	1.3	2.8	2.3	2.1	2.4	2.0	2.0	1.9	2.6	1.9	1.5	2.1	1.6	2.4	2.1	2.2
	Ulipur	2.1	1.3	2.8	2.3	2.2	2.4	2.0	2.0	1.9	2.6	1.9	1.5	2.1	1.6	2.4	2.1	2.2
Kushtia	Bheramara	2.1	1.2	2.4	1.9	2.2	1.9	1.7	1.8	1.6	2.3	2.0	1.4	1.9	1.6	2.2	1.7	2.2
	Daulatpur	2.1	1.1	2.3	1.9	2.3	1.9	1.7	1.7	1.6	2.3	2.0	1.5	1.9	1.6	2.2	1.7	2.2
	Khoksa	2.1	1.1	2.4	1.9	2.1	1.8	1.7	1.7	1.6	2.3	2.0	1.3	1.8	1.5	2.1	1.7	2.1
	Kumarkhali	2.1	1.1	2.4	1.9	2.1	1.8	1.7	1.7	1.6	2.3	2.0	1.4	1.8	1.5	2.1	1.7	2.1
	Kushtia Sadar	2.1	1.1	2.3	1.8	2.1	1.8	1.6	1.7	1.6	2.3	2.0	1.4	1.8	1.5	2.1	1.7	2.1
	Mirpur	2.1	1.1	2.3	1.8	2.2	1.8	1.6	1.7	1.6	2.3	2.0	1.4	1.8	1.5	2.1	1.7	2.1
Lakshmipur	Kamalnagar	2.0	1.3	2.4	2.0	2.0	1.8	1.6	1.7	1.6	2.2	1.8	1.1	1.8	1.5	2.1	1.7	2.0
	Lakshmipur Sad	2.0	1.3	2.4	2.0	2.0	1.8	1.7	1.7	1.7	2.2	1.9	1.2	1.8	1.5	2.1	1.7	2.0
	Roypur	2.0	1.3	2.4	2.0	1.9	1.8	1.7	1.7	1.7	2.2	1.9	1.2	1.8	1.5	2.1	1.7	2.1
	Ramganj	2.0	1.3	2.4	2.0	2.0	1.8	1.7	1.7	1.7	2.2	1.9	1.1	1.8	1.5	2.1	1.7	2.0
	Ramgati	1.9	1.3	2.3	2.0	2.0	1.8	1.6	1.6	1.6	2.2	1.8	1.1	1.8	1.4	2.1	1.6	2.0
Lalmonirhat	Aditmari	2.2	1.3	2.7	2.3	2.3	2.4	2.0	2.0	1.9	2.6	1.9	1.5	2.1	1.7	2.5	2.1	2.3
	Hatibandha	2.2	1.3	2.7	2.4	2.4	2.4	2.0	2.0	1.9	2.6	1.9	1.4	2.1	1.6	2.5	2.1	2.3
	Kaliganj	2.2	1.3	2.7	2.4	2.4	2.4	2.0	2.0	1.9	2.6	1.9	1.4	2.1	1.6	2.5	2.1	2.3
	Lalmonirhat Sad	2.2	1.3	2.7	2.3	2.3	2.4	2.0	2.0	1.9	2.6	1.9	1.5	2.1	1.7	2.4	2.1	2.3
	Patgram	2.3	1.2	2.6	2.5	2.5	2.5	2.0	2.1	1.9	2.6	2.0	1.4	2.1	1.6	2.5	2.1	2.3
Madaripur	Kalkini	2.1	1.2	2.3	1.9	1.8	1.6	1.7	1.7	1.6	2.2	1.9	1.3	1.8	1.5	2.0	1.6	2.1

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	Madaripur Sad	2.1	1.2	2.4	1.9	1.8	1.6	1.7	1.7	1.6	2.2	1.9	1.3	1.8	1.5	2.0	1.7	2.1
	Rajoir	2.1	1.2	2.3	1.8	1.8	1.6	1.7	1.7	1.6	2.2	2.0	1.3	1.8	1.5	2.0	1.6	2.1
	Shib Char	2.1	1.2	2.4	1.9	1.8	1.7	1.7	1.7	1.6	2.3	1.9	1.2	1.8	1.5	2.1	1.7	2.1
Magura	Magura Sadar	2.1	1.1	2.3	1.8	1.9	1.6	1.6	1.7	1.5	2.2	2.0	1.3	1.8	1.5	2.0	1.6	2.1
	Mohammadpur	2.1	1.2	2.3	1.8	1.9	1.6	1.6	1.7	1.5	2.2	2.0	1.3	1.8	1.5	2.0	1.6	2.1
	Shalikha	2.1	1.1	2.3	1.7	1.9	1.6	1.6	1.7	1.5	2.2	2.0	1.4	1.8	1.5	2.0	1.6	2.1
	Sreepur	2.1	1.1	2.3	1.8	2.0	1.7	1.6	1.7	1.6	2.2	1.9	1.3	1.8	1.5	2.1	1.6	2.1
Manikganj	Daulatpur	2.1	1.2	2.5	2.0	2.0	1.8	1.8	1.8	1.7	2.3	2.0	1.2	1.9	1.5	2.2	1.8	2.1
	Ghior	2.1	1.2	2.5	2.0	1.9	1.8	1.7	1.8	1.7	2.3	2.0	1.2	1.9	1.5	2.2	1.8	2.1
	Harirampur	2.1	1.2	2.5	2.0	1.9	1.7	1.7	1.8	1.6	2.3	1.9	1.2	1.8	1.5	2.1	1.7	2.1
	Manikganj Sad	2.1	1.2	2.5	2.0	1.9	1.8	1.8	1.8	1.7	2.3	1.9	1.1	1.9	1.5	2.2	1.8	2.1
	Saturia	2.2	1.2	2.6	2.1	2.0	1.8	1.8	1.8	1.7	2.3	2.0	1.2	1.9	1.5	2.2	1.8	2.1
	Shibalaya	2.1	1.2	2.5	2.0	2.0	1.8	1.7	1.8	1.7	2.3	2.0	1.2	1.8	1.5	2.1	1.7	2.1
	Singair	2.1	1.2	2.5	2.0	1.9	1.8	1.8	1.8	1.7	2.3	1.9	1.1	1.8	1.5	2.2	1.8	2.1
Maulvibazar	Barlekha	1.8	1.0	2.8	2.4	2.3	2.4	2.0	1.9	2.0	2.4	1.9	1.0	2.0	1.3	2.5	2.1	2.2
	Juri	1.8	1.0	2.8	2.4	2.3	2.3	2.0	1.8	1.9	2.4	1.9	0.9	2.0	1.3	2.5	2.0	2.1
	Kamalganj	1.9	1.0	2.7	2.3	2.2	2.3	2.0	1.8	1.9	2.3	1.8	0.9	1.9	1.3	2.4	2.0	2.1
	Kulaura	1.9	1.0	2.8	2.4	2.3	2.3	2.0	1.8	1.9	2.4	1.9	0.9	2.0	1.3	2.5	2.0	2.1
	Maulvi Bazar Sa	1.9	1.1	2.8	2.3	2.2	2.3	2.0	1.8	1.9	2.4	1.9	1.0	2.0	1.3	2.4	2.0	2.1
	Rajnagar	1.9	1.1	2.8	2.4	2.2	2.3	2.0	1.8	1.9	2.4	1.9	1.0	2.0	1.3	2.5	2.0	2.1
	Sreemangal	1.9	1.1	2.7	2.3	2.2	2.3	1.9	1.8	1.9	2.3	1.8	0.9	1.9	1.3	2.4	2.0	2.1
Meherpur	Gangni	2.0	1.1	2.3	1.8	2.2	1.8	1.6	1.7	1.6	2.3	2.0	1.5	1.8	1.5	2.1	1.7	2.1
	Meherpur Sadar	2.0	1.1	2.3	1.7	2.2	1.7	1.6	1.7	1.5	2.3	2.0	1.5	1.8	1.5	2.1	1.6	2.1
	Mujib Nagar	2.0	1.1	2.2	1.7	2.2	1.7	1.6	1.7	1.5	2.3	2.0	1.5	1.8	1.5	2.0	1.6	2.1
Munshiganj	Gazaria	2.1	1.2	2.5	2.0	2.0	1.8	1.8	1.8	1.7	2.2	1.9	1.1	1.8	1.4	2.2	1.8	2.1
	Lohajang	2.1	1.2	2.4	2.0	1.9	1.7	1.7	1.8	1.7	2.2	1.9	1.1	1.8	1.5	2.1	1.7	2.1
	Munshiganj Sada	2.1	1.2	2.5	2.0	1.9	1.8	1.7	1.8	1.7	2.2	1.9	1.1	1.8	1.5	2.1	1.7	2.1
	Serajdikhan	2.1	1.2	2.5	2.0	1.9	1.8	1.7	1.8	1.7	2.2	1.9	1.1	1.8	1.5	2.1	1.7	2.1
	Sreenagar	2.1	1.2	2.4	2.0	1.9	1.7	1.7	1.8	1.7	2.2	1.9	1.1	1.8	1.5	2.1	1.7	2.1
	Tongibari	2.1	1.2	2.5	2.0	1.9	1.8	1.7	1.8	1.7	2.2	1.9	1.1	1.8	1.5	2.1	1.7	2.1
Mymensingh	Bhaluka	2.1	1.2	2.7	2.2	2.0	2.1	1.9	1.9	1.8	2.4	1.9	1.2	1.9	1.5	2.3	1.9	2.1
	Dhobaura	2.0	1.2	2.8	2.3	2.1	2.3	2.0	1.9	2.0	2.5	1.9	1.3	2.0	1.5	2.4	2.1	2.2
	Fulbaria	2.1	1.2	2.7	2.2	2.0	2.1	1.9	1.9	1.9	2.4	1.9	1.2	2.0	1.5	2.3	1.9	2.2
	Gaffargaon	2.1	1.2	2.7	2.2	2.1	2.1	1.9	1.9	1.9	2.4	1.9	1.2	2.0	1.5	2.3	1.9	2.1
	Gauripur	2.0	1.2	2.8	2.3	2.1	2.2	2.0	1.9	1.9	2.5	1.9	1.2	2.0	1.5	2.4	2.0	2.2
	Haluaghat	2.0	1.3	2.8	2.3	2.1	2.3	2.0	1.9	2.0	2.5	1.8	1.4	2.0	1.5	2.4	2.1	2.2
	Ishwarganj	2.0	1.2	2.8	2.2	2.1	2.2	2.0	1.9	1.9	2.4	1.9	1.2	2.0	1.5	2.4	2.0	2.2
	Muktagachha	2.1	1.3	2.8	2.2	2.0	2.2	2.0	1.9	1.9	2.5	1.9	1.3	2.0	1.5	2.3	2.0	2.2

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	Mymensingh Sad	2.0	1.2	2.8	2.2	2.1	2.2	2.0	1.9	1.9	2.5	1.9	1.3	2.0	1.5	2.4	2.0	2.2
	Nandail	2.0	1.2	2.7	2.2	2.1	2.2	1.9	1.9	1.9	2.4	1.9	1.2	2.0	1.5	2.4	2.0	2.2
	Phulpur	2.0	1.3	2.8	2.2	2.1	2.3	2.0	1.9	1.9	2.5	1.9	1.3	2.0	1.5	2.4	2.0	2.2
	Tarakanda	2.0	1.2	2.8	2.2	2.1	2.2	2.0	1.9	1.9	2.5	1.9	1.3	2.0	1.5	2.4	2.0	2.2
	Trishal	2.1	1.2	2.7	2.2	2.1	2.1	1.9	1.9	1.9	2.4	1.9	1.2	2.0	1.5	2.3	2.0	2.2
Naogaon	Atrai	2.1	1.3	2.5	2.0	2.3	2.0	1.8	1.8	1.7	2.5	1.9	1.5	1.9	1.6	2.3	1.8	2.2
	Badalgachhi	2.0	1.3	2.6	2.1	2.3	2.0	1.9	1.8	1.8	2.6	1.9	1.5	2.0	1.6	2.3	1.9	2.2
	Dhamoirhat	2.0	1.4	2.6	2.2	2.3	2.0	1.9	1.8	1.8	2.6	1.9	1.5	2.0	1.6	2.4	1.9	2.2
	Manda	2.1	1.3	2.5	2.1	2.4	2.0	1.8	1.8	1.7	2.5	1.9	1.5	2.0	1.6	2.3	1.8	2.2
	Mahadebpur	2.0	1.3	2.5	2.1	2.4	2.0	1.8	1.8	1.8	2.5	1.9	1.5	2.0	1.6	2.3	1.9	2.2
	Naogaon Sadar	2.1	1.3	2.5	2.1	2.3	2.0	1.8	1.8	1.8	2.5	1.9	1.5	2.0	1.6	2.3	1.9	2.2
	Niamatpur	2.0	1.3	2.5	2.1	2.4	1.9	1.8	1.8	1.7	2.5	1.9	1.6	2.0	1.6	2.3	1.8	2.2
	Patnitala	2.0	1.3	2.5	2.1	2.4	2.0	1.9	1.8	1.8	2.6	1.9	1.6	2.0	1.6	2.4	1.9	2.2
	Porsha	2.0	1.3	2.5	2.1	2.4	2.0	1.8	1.8	1.8	2.6	1.9	1.6	2.0	1.6	2.3	1.8	2.2
	Raninagar	2.1	1.3	2.5	2.1	2.3	2.0	1.8	1.8	1.8	2.5	1.9	1.5	2.0	1.6	2.3	1.8	2.2
	Sapahar	2.0	1.3	2.5	2.2	2.4	2.0	1.9	1.8	1.8	2.6	1.9	1.6	2.0	1.6	2.4	1.9	2.2
Narail	Kalia	2.0	1.2	2.3	1.7	1.8	1.5	1.6	1.7	1.5	2.2	1.9	1.4	1.7	1.5	1.9	1.6	2.1
	Lohagara	2.1	1.2	2.3	1.8	1.9	1.6	1.6	1.7	1.5	2.2	2.0	1.4	1.8	1.5	2.0	1.6	2.1
	Narail Sadar	2.0	1.2	2.3	1.7	1.9	1.5	1.6	1.7	1.5	2.2	1.9	1.4	1.7	1.5	2.0	1.6	2.1
Narayanganj	Araihazar	2.1	1.2	2.5	2.1	2.0	1.9	1.8	1.8	1.7	2.3	1.9	1.0	1.9	1.4	2.2	1.8	2.1
	Bandar	2.1	1.2	2.5	2.1	2.0	1.8	1.8	1.8	1.7	2.2	1.9	1.0	1.8	1.4	2.2	1.8	2.1
	Narayanganj Sa	2.1	1.2	2.5	2.0	1.9	1.8	1.8	1.8	1.7	2.2	1.9	1.1	1.8	1.4	2.2	1.8	2.1
	Rupganj	2.1	1.2	2.5	2.1	2.0	1.9	1.8	1.8	1.7	2.3	1.9	1.0	1.9	1.4	2.2	1.8	2.1
	Sonargaon	2.1	1.2	2.5	2.1	2.0	1.8	1.8	1.8	1.7	2.3	1.9	1.0	1.8	1.4	2.2	1.8	2.1
Narsingdi	Belabo	2.1	1.2	2.7	2.2	2.1	2.1	1.9	1.8	1.8	2.3	1.9	1.0	1.9	1.4	2.3	1.9	2.1
	Manohardi	2.1	1.2	2.7	2.2	2.1	2.1	1.9	1.8	1.8	2.3	1.9	1.1	1.9	1.4	2.3	1.9	2.1
	Narsingdi Sada	2.1	1.2	2.6	2.1	2.0	1.9	1.8	1.8	1.8	2.3	1.9	1.0	1.9	1.4	2.2	1.8	2.1
	Palash	2.1	1.2	2.6	2.2	2.0	2.0	1.8	1.8	1.8	2.3	1.9	1.0	1.9	1.4	2.3	1.8	2.1
	Roypura	2.1	1.2	2.6	2.2	2.1	2.0	1.8	1.8	1.8	2.3	1.9	1.0	1.9	1.4	2.3	1.9	2.1
	Shibpur	2.1	1.2	2.6	2.2	2.1	2.0	1.8	1.8	1.8	2.3	1.9	1.0	1.9	1.4	2.3	1.9	2.1
Natore	Bagati Para	2.1	1.2	2.4	2.0	2.3	1.9	1.7	1.8	1.7	2.4	2.0	1.5	1.9	1.6	2.2	1.8	2.2
	Baraigram	2.1	1.2	2.5	2.0	2.2	1.9	1.7	1.8	1.7	2.4	2.0	1.4	1.9	1.6	2.2	1.8	2.2
	Gurudaspur	2.1	1.2	2.5	2.0	2.2	2.0	1.8	1.8	1.7	2.4	2.0	1.4	1.9	1.6	2.2	1.8	2.2
	Lalpur	2.1	1.2	2.4	1.9	2.2	1.9	1.7	1.8	1.7	2.4	2.0	1.5	1.9	1.6	2.2	1.8	2.2
	Naldanga	2.1	1.2	2.5	2.0	2.3	2.0	1.8	1.8	1.7	2.4	1.9	1.5	1.9	1.6	2.3	1.8	2.2
	Natore Sadar	2.1	1.2	2.5	2.0	2.3	1.9	1.8	1.8	1.7	2.4	2.0	1.5	1.9	1.6	2.2	1.8	2.2
	Singra	2.1	1.2	2.5	2.1	2.2	2.0	1.8	1.8	1.7	2.4	1.9	1.4	1.9	1.6	2.3	1.8	2.2
Netrakona	Atpara	2.0	1.2	2.8	2.3	2.1	2.3	2.0	1.9	1.9	2.5	1.9	1.2	2.0	1.5	2.4	2.0	2.2

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	Barhatta	2.0	1.2	2.8	2.3	2.1	2.3	2.0	1.9	2.0	2.5	1.9	1.2	2.0	1.5	2.4	2.1	2.2
	Durgapur	2.0	1.2	2.8	2.3	2.1	2.3	2.0	1.9	2.0	2.5	1.9	1.3	2.0	1.5	2.4	2.1	2.2
	Kalmakanda	2.0	1.2	2.9	2.3	2.1	2.4	2.0	1.9	2.0	2.5	1.9	1.3	2.0	1.5	2.4	2.1	2.2
	Kendua	2.0	1.2	2.8	2.3	2.1	2.2	2.0	1.9	1.9	2.4	1.9	1.2	2.0	1.5	2.4	2.0	2.2
	Khaliajuri	2.0	1.2	2.8	2.3	2.2	2.3	2.0	1.9	2.0	2.5	1.9	1.1	2.0	1.4	2.4	2.0	2.2
	Madan	2.0	1.2	2.8	2.3	2.1	2.3	2.0	1.9	1.9	2.4	1.9	1.2	2.0	1.4	2.4	2.0	2.2
	Mohanganj	2.0	1.2	2.8	2.3	2.1	2.3	2.0	1.9	2.0	2.5	1.9	1.2	2.0	1.4	2.4	2.0	2.2
	Netrokona Sada	2.0	1.2	2.8	2.3	2.1	2.3	2.0	1.9	1.9	2.5	1.9	1.3	2.0	1.5	2.4	2.0	2.2
	Purbadhala	2.0	1.2	2.8	2.3	2.1	2.3	2.0	1.9	1.9	2.5	1.9	1.3	2.0	1.5	2.4	2.0	2.2
Nilphamari	Dimla	2.2	1.3	2.6	2.4	2.4	2.5	2.0	2.0	1.9	2.6	1.9	1.4	2.1	1.6	2.5	2.1	2.3
	Domar	2.2	1.2	2.6	2.4	2.5	2.4	2.0	2.0	1.9	2.6	1.9	1.4	2.1	1.6	2.5	2.1	2.3
	Jaldhaka	2.2	1.3	2.6	2.4	2.4	2.4	2.0	2.0	1.9	2.6	1.9	1.4	2.1	1.6	2.5	2.1	2.3
	Kishoreganj	2.2	1.3	2.6	2.3	2.4	2.3	2.0	2.0	1.9	2.6	1.9	1.4	2.1	1.6	2.4	2.0	2.3
	Nilphamari Sada	2.2	1.3	2.6	2.3	2.4	2.3	2.0	2.0	1.9	2.6	1.9	1.4	2.1	1.6	2.4	2.0	2.3
	Saidpur	2.1	1.3	2.6	2.3	2.4	2.3	1.9	2.0	1.9	2.6	1.9	1.4	2.1	1.6	2.4	2.0	2.2
Noakhali	Begumganj	2.0	1.3	2.5	2.0	2.0	1.8	1.7	1.7	1.7	2.2	1.8	1.1	1.8	1.5	2.2	1.7	2.0
	Chatkhil	2.0	1.3	2.4	2.0	2.0	1.8	1.7	1.7	1.7	2.2	1.9	1.1	1.8	1.5	2.2	1.7	2.0
	Companiganj	1.9	1.4	2.4	2.1	2.1	1.9	1.7	1.7	1.7	2.2	1.8	1.0	1.8	1.4	2.2	1.7	2.0
	Hatiya	1.8	1.3	2.2	2.0	2.0	1.7	1.5	1.6	1.5	2.1	1.7	1.0	1.7	1.4	2.1	1.6	1.9
	Kabirhat	2.0	1.3	2.4	2.1	2.1	1.9	1.7	1.7	1.7	2.2	1.8	1.1	1.8	1.5	2.2	1.7	2.0
	Noakhali Sadar	2.0	1.3	2.4	2.0	2.0	1.8	1.7	1.7	1.7	2.2	1.8	1.1	1.8	1.5	2.2	1.7	2.0
	Senbagh	2.0	1.3	2.5	2.1	2.1	1.9	1.7	1.7	1.7	2.2	1.8	1.1	1.8	1.5	2.2	1.8	2.0
	Sonaimuri	2.0	1.3	2.5	2.0	2.0	1.8	1.7	1.7	1.7	2.2	1.8	1.1	1.8	1.5	2.2	1.7	2.0
	Subarnachar	1.9	1.3	2.4	2.0	2.1	1.8	1.6	1.6	1.6	2.2	1.8	1.0	1.8	1.4	2.2	1.7	2.0
Pabna	Atgharia	2.1	1.2	2.5	2.0	2.2	1.9	1.7	1.8	1.7	2.3	2.0	1.4	1.9	1.6	2.2	1.8	2.2
	Bera	2.1	1.2	2.5	2.0	2.0	1.8	1.7	1.8	1.7	2.3	2.0	1.3	1.9	1.5	2.2	1.8	2.1
	Bhangura	2.1	1.2	2.5	2.0	2.1	1.9	1.8	1.8	1.7	2.4	2.0	1.4	1.9	1.6	2.2	1.8	2.2
	Chatmohar	2.1	1.2	2.5	2.0	2.2	1.9	1.8	1.8	1.7	2.4	2.0	1.4	1.9	1.6	2.2	1.8	2.2
	Faridpur	2.1	1.2	2.5	2.0	2.1	1.9	1.8	1.8	1.7	2.4	2.0	1.3	1.9	1.6	2.2	1.8	2.2
	Ishwardi	2.1	1.2	2.4	1.9	2.2	1.9	1.7	1.8	1.6	2.3	2.0	1.4	1.9	1.6	2.2	1.7	2.2
	Pabna Sadar	2.1	1.2	2.4	1.9	2.1	1.8	1.7	1.8	1.6	2.3	2.0	1.4	1.9	1.5	2.2	1.7	2.1
	Santhia	2.1	1.2	2.5	2.0	2.1	1.9	1.7	1.8	1.7	2.3	2.0	1.3	1.9	1.5	2.2	1.8	2.2
	Sujanagar	2.1	1.2	2.4	2.0	2.1	1.8	1.7	1.8	1.6	2.3	2.0	1.3	1.8	1.5	2.1	1.7	2.1
Panchagarh	Atwari	2.2	1.2	2.6	2.4	2.5	2.5	2.0	2.0	1.9	2.6	1.8	1.4	2.1	1.6	2.5	2.1	2.2
	Boda	2.2	1.2	2.6	2.4	2.5	2.5	2.0	2.0	1.9	2.6	1.9	1.4	2.1	1.6	2.5	2.1	2.3
	Debiganj	2.2	1.2	2.6	2.4	2.5	2.4	2.0	2.0	1.9	2.6	1.9	1.4	2.1	1.6	2.5	2.1	2.3
	Panchagarh Sad	2.2	1.2	2.6	2.4	2.5	2.5	2.0	2.1	1.9	2.6	1.9	1.4	2.1	1.6	2.5	2.1	2.3
	Tentulia	2.3	1.1	2.6	2.5	2.5	2.6	2.0	2.1	1.9	2.6	1.8	1.3	2.1	1.6	2.5	2.2	2.2

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Patuakhali	Bauphal	1.8	1.2	2.2	1.9	1.9	1.6	1.5	1.6	1.5	2.1	1.8	1.2	1.7	1.4	2.0	1.6	2.0
	Dashmina	1.8	1.2	2.1	1.9	1.9	1.6	1.5	1.6	1.4	2.1	1.7	1.1	1.7	1.4	1.9	1.5	1.9
	Dumki	1.8	1.2	2.1	1.9	1.8	1.6	1.5	1.6	1.5	2.1	1.8	1.2	1.7	1.4	1.9	1.5	2.0
	Galachipa	1.7	1.2	2.0	1.9	1.8	1.6	1.4	1.5	1.4	2.1	1.7	1.1	1.6	1.4	1.9	1.5	1.9
	Kala Para	1.6	1.2	1.9	1.8	1.7	1.5	1.4	1.5	1.3	2.0	1.6	1.2	1.6	1.3	1.8	1.4	1.8
	Mirzaganj	1.8	1.2	2.0	1.8	1.8	1.5	1.5	1.6	1.4	2.1	1.8	1.2	1.7	1.4	1.9	1.5	1.9
	Patuakhali Sadar	1.8	1.2	2.1	1.8	1.8	1.6	1.5	1.6	1.4	2.1	1.8	1.2	1.7	1.4	1.9	1.5	1.9
	Rangabali	1.6	1.2	1.9	1.9	1.8	1.5	1.4	1.5	1.3	2.0	1.6	1.1	1.6	1.3	1.9	1.4	1.8
Pirojpur	Bhandaria	1.9	1.2	2.1	1.8	1.7	1.5	1.5	1.6	1.4	2.1	1.8	1.3	1.7	1.4	1.9	1.5	2.0
	Zianagar	1.9	1.2	2.0	1.8	1.7	1.5	1.5	1.6	1.4	2.1	1.8	1.3	1.7	1.5	1.9	1.5	2.0
	Kawkhali	1.9	1.2	2.1	1.8	1.8	1.5	1.5	1.6	1.5	2.2	1.9	1.3	1.7	1.5	1.9	1.5	2.0
	Mathbaria	1.8	1.2	2.0	1.8	1.7	1.5	1.4	1.6	1.4	2.1	1.8	1.3	1.6	1.4	1.8	1.5	1.9
	Nazirpur	2.0	1.2	2.2	1.8	1.8	1.5	1.6	1.7	1.5	2.2	1.9	1.4	1.7	1.5	1.9	1.6	2.1
	Nesarabad	2.0	1.2	2.2	1.8	1.8	1.5	1.6	1.6	1.5	2.2	1.9	1.3	1.7	1.5	1.9	1.6	2.0
	Pirojpur Sadar	1.9	1.2	2.1	1.8	1.8	1.5	1.5	1.6	1.5	2.2	1.9	1.3	1.7	1.5	1.9	1.5	2.0
Rajbari	Balia Kandi	2.1	1.1	2.4	1.9	2.0	1.7	1.7	1.7	1.6	2.3	1.9	1.3	1.8	1.5	2.1	1.7	2.1
	Goalandaghat	2.1	1.2	2.4	2.0	1.9	1.7	1.7	1.8	1.6	2.3	1.9	1.2	1.8	1.5	2.1	1.7	2.1
	Kalukhali	2.1	1.1	2.4	1.9	2.0	1.7	1.7	1.7	1.6	2.3	2.0	1.3	1.8	1.5	2.1	1.7	2.1
	Pangsha	2.1	1.1	2.4	1.9	2.0	1.7	1.7	1.7	1.6	2.3	2.0	1.3	1.8	1.5	2.1	1.7	2.1
	Rajbari Sadar	2.1	1.2	2.4	1.9	2.0	1.7	1.7	1.7	1.6	2.3	1.9	1.2	1.8	1.5	2.1	1.7	2.1
Rajshahi	Bagha	2.1	1.2	2.4	1.9	2.3	1.9	1.7	1.8	1.6	2.4	2.0	1.5	1.9	1.6	2.2	1.8	2.2
	Baghmara	2.1	1.3	2.5	2.0	2.3	2.0	1.8	1.8	1.7	2.5	1.9	1.5	1.9	1.6	2.3	1.8	2.2
	Charghat	2.1	1.2	2.4	1.9	2.3	1.9	1.7	1.8	1.7	2.4	2.0	1.5	1.9	1.6	2.2	1.8	2.2
	Durgapur	2.1	1.2	2.4	2.0	2.3	1.9	1.7	1.8	1.7	2.4	1.9	1.5	1.9	1.6	2.2	1.8	2.2
	Godagari	2.0	1.2	2.4	2.0	2.4	1.9	1.7	1.8	1.7	2.5	1.9	1.6	1.9	1.6	2.2	1.8	2.2
	Mohanpur	2.1	1.2	2.4	2.0	2.4	1.9	1.8	1.8	1.7	2.5	1.9	1.5	1.9	1.6	2.3	1.8	2.2
	Paba	2.1	1.2	2.4	2.0	2.4	1.9	1.7	1.8	1.7	2.4	2.0	1.5	1.9	1.6	2.2	1.8	2.2
	Puthia	2.1	1.2	2.4	2.0	2.3	1.9	1.7	1.8	1.7	2.4	2.0	1.5	1.9	1.6	2.2	1.8	2.2
	Tanore	2.0	1.2	2.4	2.0	2.4	1.9	1.8	1.8	1.7	2.5	1.9	1.6	1.9	1.6	2.3	1.8	2.2
Rangamati	Baghai Chhari	2.0	1.3	2.7	2.3	2.2	2.1	1.8	1.7	1.8	2.2	1.7	0.8	1.9	1.4	2.4	1.9	2.0
	Barkal	2.0	1.5	2.7	2.3	2.3	2.1	1.8	1.7	1.8	2.2	1.7	0.8	1.9	1.4	2.4	1.8	1.9
	Belai Chhari	1.8	1.5	2.6	2.3	2.3	2.0	1.6	1.6	1.7	2.2	1.7	0.7	1.8	1.3	2.4	1.7	1.9
	Jurai Chhari	1.9	1.5	2.7	2.3	2.3	2.1	1.7	1.7	1.7	2.2	1.7	0.8	1.9	1.4	2.4	1.8	1.9
	Kaptai	1.9	1.5	2.6	2.2	2.2	2.0	1.7	1.6	1.7	2.2	1.7	0.8	1.8	1.4	2.4	1.7	1.9
	Kawkhali	1.9	1.5	2.6	2.2	2.2	2.0	1.7	1.7	1.7	2.2	1.7	0.9	1.8	1.4	2.3	1.8	1.9
	Langadu	2.0	1.5	2.7	2.3	2.2	2.1	1.8	1.7	1.8	2.2	1.7	0.8	1.9	1.4	2.4	1.8	2.0
	Naniarchar	2.0	1.5	2.7	2.2	2.2	2.1	1.7	1.7	1.8	2.2	1.7	0.9	1.9	1.4	2.4	1.8	2.0
	Rajasthali	1.8	1.4	2.6	2.2	2.3	2.0	1.6	1.6	1.7	2.2	1.7	0.8	1.8	1.3	2.3	1.7	1.9

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	Rangamati Sada	1.9	1.5	2.6	2.3	2.3	2.1	1.7	1.7	1.7	2.2	1.7	0.8	1.9	1.4	2.4	1.8	1.9
Rangpur	Badarganj	2.1	1.3	2.7	2.2	2.3	2.3	1.9	1.9	1.9	2.6	1.8	1.4	2.0	1.6	2.4	2.0	2.2
	Gangachara	2.2	1.3	2.7	2.3	2.3	2.4	2.0	2.0	1.9	2.6	1.9	1.4	2.1	1.6	2.4	2.1	2.2
	Kaunia	2.1	1.3	2.7	2.3	2.3	2.3	2.0	2.0	1.9	2.6	1.9	1.5	2.1	1.6	2.4	2.1	2.2
	Mitha Pukur	2.1	1.3	2.7	2.2	2.2	2.3	2.0	1.9	1.9	2.6	1.8	1.5	2.0	1.6	2.4	2.0	2.2
	Pirgachha	2.1	1.3	2.7	2.3	2.2	2.3	2.0	2.0	1.9	2.6	1.9	1.5	2.1	1.6	2.4	2.0	2.2
	Pirganj	2.1	1.4	2.7	2.2	2.2	2.2	2.0	1.9	1.9	2.6	1.8	1.5	2.0	1.6	2.4	2.0	2.2
	Rangpur Sadar	2.1	1.3	2.7	2.3	2.3	2.3	2.0	2.0	1.9	2.6	1.9	1.4	2.1	1.6	2.4	2.0	2.2
	Taraganj	2.1	1.3	2.7	2.3	2.3	2.3	2.0	2.0	1.9	2.6	1.9	1.4	2.1	1.6	2.4	2.0	2.2
Satkhira	Assasuni	1.9	1.1	2.0	1.7	1.8	1.4	1.5	1.6	1.2	2.0	1.8	1.4	1.6	1.5	1.8	1.4	1.9
	Debhata	1.9	1.1	2.0	1.6	1.8	1.4	1.5	1.6	1.2	2.0	1.8	1.5	1.6	1.5	1.8	1.4	1.9
	Kalaroa	2.0	1.1	2.2	1.6	1.9	1.5	1.5	1.6	1.3	2.1	1.9	1.5	1.7	1.5	1.9	1.5	2.0
	Kaliganj	1.8	1.1	2.0	1.7	1.8	1.4	1.5	1.5	1.2	2.0	1.8	1.5	1.6	1.5	1.8	1.4	1.9
	Satkhira Sadar	1.9	1.1	2.1	1.6	1.9	1.4	1.5	1.6	1.3	2.0	1.9	1.5	1.7	1.5	1.9	1.5	2.0
	Shyamnagar	1.7	1.1	1.8	1.7	1.6	1.4	1.4	1.5	1.1	1.8	1.7	1.4	1.5	1.4	1.7	1.3	1.8
	Tala	1.9	1.1	2.1	1.7	1.8	1.5	1.5	1.6	1.3	2.1	1.9	1.5	1.7	1.5	1.9	1.5	2.0
Shariatpur	Bhedarganj	2.1	1.2	2.4	2.0	1.9	1.7	1.7	1.7	1.7	2.2	1.9	1.2	1.8	1.5	2.1	1.7	2.1
	Damudya	2.1	1.2	2.4	1.9	1.9	1.7	1.7	1.7	1.6	2.2	1.9	1.2	1.8	1.5	2.1	1.7	2.1
	Gosairhat	2.0	1.2	2.4	1.9	1.9	1.7	1.7	1.7	1.6	2.2	1.9	1.2	1.8	1.5	2.1	1.7	2.1
	Naria	2.1	1.2	2.4	1.9	1.9	1.7	1.7	1.7	1.7	2.2	1.9	1.2	1.8	1.5	2.1	1.7	2.1
	Shariatpur Sadar	2.1	1.2	2.4	1.9	1.9	1.7	1.7	1.7	1.6	2.2	1.9	1.2	1.8	1.5	2.0	1.7	2.1
	Zanjira	2.1	1.2	2.4	1.9	1.9	1.7	1.7	1.7	1.7	2.2	1.9	1.2	1.8	1.5	2.1	1.7	2.1
Sherpur	Jhenaigati	2.0	1.3	2.8	2.2	2.0	2.3	2.0	2.0	1.9	2.6	1.8	1.4	2.0	1.6	2.4	2.1	2.2
	Nakla	2.0	1.3	2.8	2.2	2.0	2.2	2.0	1.9	1.9	2.5	1.8	1.3	2.0	1.6	2.4	2.0	2.2
	Nalitabari	2.0	1.3	2.8	2.2	2.0	2.3	2.0	2.0	1.9	2.5	1.8	1.4	2.0	1.6	2.4	2.1	2.2
	Sherpur Sadar	2.0	1.3	2.8	2.2	2.0	2.2	2.0	1.9	1.9	2.5	1.8	1.4	2.0	1.6	2.3	2.0	2.2
	Sreebardi	2.0	1.3	2.8	2.2	2.1	2.3	2.0	2.0	1.9	2.6	1.8	1.4	2.0	1.6	2.4	2.0	2.2
Sirajganj	Belkuchi	2.1	1.2	2.6	2.1	2.1	2.0	1.8	1.8	1.8	2.4	2.0	1.3	1.9	1.6	2.3	1.8	2.2
	Chauhali	2.2	1.2	2.6	2.1	2.0	1.9	1.8	1.8	1.7	2.3	2.0	1.3	1.9	1.5	2.2	1.8	2.2
	Kamarkhanda	2.1	1.2	2.6	2.1	2.1	2.0	1.8	1.8	1.8	2.4	1.9	1.3	1.9	1.6	2.3	1.9	2.2
	Kazipur	2.1	1.3	2.7	2.1	2.1	2.1	1.9	1.9	1.8	2.5	1.9	1.4	2.0	1.6	2.3	1.9	2.2
	Royganj	2.1	1.2	2.6	2.1	2.1	2.0	1.8	1.8	1.8	2.4	1.9	1.4	1.9	1.6	2.3	1.9	2.2
	Shahjadpur	2.1	1.2	2.6	2.1	2.1	1.9	1.8	1.8	1.7	2.3	2.0	1.3	1.9	1.6	2.2	1.8	2.2
	Sirajganj Sadar	2.1	1.3	2.6	2.1	2.1	2.0	1.9	1.9	1.8	2.4	1.9	1.3	1.9	1.6	2.3	1.9	2.2
	Tarash	2.1	1.2	2.5	2.1	2.2	2.0	1.8	1.8	1.7	2.4	1.9	1.4	1.9	1.6	2.3	1.8	2.2
	Ullah Para	2.1	1.2	2.6	2.1	2.1	2.0	1.8	1.8	1.7	2.4	2.0	1.3	1.9	1.6	2.2	1.8	2.2
Sunamganj	Bishwambarpur	1.9	1.2	2.9	2.4	2.2	2.4	2.1	1.9	2.0	2.6	1.9	1.2	2.1	1.4	2.5	2.1	2.2
	Chhatak	1.9	1.1	2.8	2.4	2.2	2.4	2.1	1.9	2.0	2.5	1.9	1.1	2.0	1.4	2.5	2.1	2.2

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	Derai	1.9	1.1	2.8	2.3	2.2	2.3	2.0	1.9	2.0	2.5	1.9	1.1	2.0	1.4	2.4	2.1	2.2
	Dharampasha	1.9	1.2	2.8	2.3	2.2	2.4	2.0	1.9	2.0	2.5	1.9	1.2	2.0	1.5	2.4	2.1	2.2
	Dowarabazar	1.8	1.1	2.9	2.4	2.2	2.4	2.1	1.9	2.0	2.5	1.9	1.2	2.0	1.4	2.5	2.1	2.2
	Jagannathpur	1.9	1.1	2.8	2.4	2.2	2.3	2.0	1.9	2.0	2.5	1.9	1.1	2.0	1.4	2.5	2.1	2.2
	Jamalganj	1.9	1.2	2.8	2.3	2.2	2.4	2.0	1.9	2.0	2.5	1.9	1.2	2.0	1.4	2.5	2.1	2.2
	Dak. Sunamganj	1.9	1.1	2.8	2.4	2.2	2.4	2.0	1.9	2.0	2.5	1.9	1.2	2.0	1.4	2.5	2.1	2.2
	Sulla	2.0	1.1	2.8	2.3	2.2	2.3	2.0	1.9	2.0	2.4	1.9	1.1	2.0	1.4	2.4	2.0	2.2
	Sunamganj Sada	1.9	1.1	2.9	2.4	2.2	2.4	2.1	1.9	2.0	2.5	1.9	1.2	2.0	1.4	2.5	2.1	2.2
	Tahirpur	1.9	1.2	2.9	2.4	2.2	2.4	2.1	1.9	2.0	2.6	1.9	1.3	2.1	1.5	2.5	2.1	2.2
Sylhet	Balaganj	1.9	1.1	2.8	2.4	2.2	2.4	2.0	1.9	2.0	2.4	1.9	1.0	2.0	1.3	2.5	2.1	2.2
	Beani Bazar	1.8	1.0	2.8	2.5	2.3	2.4	2.1	1.9	2.0	2.5	1.9	1.1	2.0	1.3	2.5	2.1	2.2
	Bishwanath	1.8	1.1	2.8	2.4	2.2	2.4	2.0	1.9	2.0	2.5	1.9	1.1	2.0	1.3	2.5	2.1	2.2
	Companiganj	1.8	1.1	2.9	2.4	2.3	2.4	2.1	1.9	2.0	2.5	2.0	1.2	2.0	1.3	2.5	2.1	2.3
	Dakshin Surma	1.8	1.1	2.8	2.4	2.3	2.4	2.0	1.9	2.0	2.5	1.9	1.1	2.0	1.3	2.5	2.1	2.2
	Fenchuganj	1.8	1.0	2.8	2.4	2.3	2.4	2.0	1.9	2.0	2.4	1.9	1.0	2.0	1.3	2.5	2.1	2.2
	Jaintiapur	1.8	1.0	2.9	2.5	2.3	2.4	2.1	1.9	2.1	2.5	2.0	1.1	2.0	1.3	2.5	2.1	2.3
	Golabganj	1.8	1.0	2.8	2.4	2.3	2.4	2.0	1.9	2.0	2.5	1.9	1.1	2.0	1.3	2.5	2.1	2.2
	Gowainghat	1.8	1.1	2.9	2.5	2.3	2.5	2.1	1.9	2.1	2.6	2.0	1.1	2.0	1.3	2.5	2.1	2.3
	Kanaighat	1.7	1.0	2.8	2.5	2.3	2.4	2.1	1.9	2.0	2.5	2.0	1.1	2.0	1.3	2.6	2.1	2.2
	Sylhet Sadar	1.8	1.1	2.8	2.4	2.3	2.4	2.1	1.9	2.0	2.5	1.9	1.1	2.0	1.3	2.5	2.1	2.2
	Zakiganj	1.7	1.0	2.8	2.5	2.3	2.4	2.1	1.9	2.0	2.5	2.0	1.1	2.0	1.3	2.6	2.1	2.2
Tangail	Basail	2.2	1.2	2.6	2.1	2.0	2.0	1.8	1.8	1.8	2.4	1.9	1.2	1.9	1.5	2.3	1.9	2.2
	Bhuapur	2.1	1.3	2.7	2.1	2.0	2.0	1.9	1.9	1.8	2.4	1.9	1.3	2.0	1.6	2.3	1.9	2.2
	Delduar	2.2	1.2	2.6	2.1	2.0	1.9	1.8	1.8	1.8	2.3	2.0	1.2	1.9	1.5	2.2	1.8	2.2
	Dhanbari	2.1	1.3	2.7	2.2	2.0	2.1	1.9	1.9	1.8	2.5	1.9	1.3	2.0	1.6	2.3	1.9	2.2
	Ghatail	2.1	1.2	2.7	2.2	2.0	2.1	1.9	1.9	1.8	2.4	1.9	1.3	2.0	1.5	2.3	1.9	2.2
	Gopalpur	2.1	1.3	2.7	2.2	2.0	2.1	1.9	1.9	1.8	2.4	1.9	1.3	2.0	1.6	2.3	1.9	2.2
	Kalihati	2.1	1.2	2.7	2.1	2.0	2.0	1.9	1.9	1.8	2.4	1.9	1.3	1.9	1.5	2.3	1.9	2.2
	Mirzapur	2.2	1.2	2.6	2.1	2.0	1.9	1.8	1.8	1.8	2.3	2.0	1.2	1.9	1.5	2.3	1.8	2.1
	Madhupur	2.1	1.3	2.7	2.2	2.0	2.1	1.9	1.9	1.9	2.4	1.9	1.3	2.0	1.5	2.3	1.9	2.2
	Nagarpur	2.2	1.2	2.6	2.1	2.0	1.9	1.8	1.8	1.7	2.3	2.0	1.2	1.9	1.5	2.2	1.8	2.1
	Sakhipur	2.1	1.2	2.7	2.2	2.0	2.0	1.9	1.9	1.8	2.4	1.9	1.2	1.9	1.5	2.3	1.9	2.1
	Tangail Sadar	2.2	1.2	2.6	2.1	2.0	2.0	1.8	1.8	1.8	2.4	2.0	1.3	1.9	1.5	2.3	1.8	2.2
Thakurgaon	Baliadangi	2.2	1.2	2.5	2.3	2.5	2.4	2.0	2.0	1.8	2.6	1.7	1.4	2.1	1.6	2.5	2.0	2.2
	Haripur	2.1	1.2	2.5	2.3	2.5	2.2	1.9	1.9	1.8	2.6	1.7	1.4	2.0	1.6	2.4	2.0	2.2
	Pirganj	2.1	1.2	2.5	2.3	2.4	2.2	1.9	1.9	1.8	2.6	1.8	1.4	2.0	1.6	2.4	2.0	2.2
	Ranisankail	2.1	1.2	2.5	2.3	2.5	2.3	1.9	2.0	1.8	2.6	1.7	1.4	2.0	1.6	2.4	2.0	2.2
	Thakurgaon Sada	2.2	1.2	2.6	2.3	2.5	2.4	2.0	2.0	1.8	2.6	1.8	1.4	2.1	1.6	2.5	2.0	2.2

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