



**GOVERNMENT OF INDIA**  
**MINISTRY OF EARTH SCIENCES**  
**INDIA METEOROLOGICAL DEPARTMENT**  
**METEOROLOGICAL CENTRE, RAJ BHAWAN AREA,**  
**GANGTOK, SIKKIM - 737103**  
**PHONE/FAX: 03592-203429/203427**  
**[www.imdsikkim.gov.in](http://www.imdsikkim.gov.in)**  
**E-MAIL: [mc.gtk@imd.gov.in](mailto:mc.gtk@imd.gov.in),**

**PROGRESS REPORT FOR THE MONTH OF JULY' 2017**

**1. MAIN EVENTS:**

- Shri Roshan Kumar Chhetri, SA received the MoES Best Employee award for the year 2016-17 on the occasion of MoES Foundation Day function held at New Delhi on 27th July' 2017.

**2. INTER DEPARTMENTAL CO-OPERATION:**

This office is in constant touch with the following offices and data are passed to them:

- i) Food Security & Agriculture Development Department, Govt. of Sikkim.
- ii) Relief Commissioner, Govt. of Sikkim.
- iii) District Collectorate of four districts of Sikkim.
- iv) Spices Board of India (R & D), Gangtok.
- v) Geological Survey of India, Gangtok.
- vi) Sikkim State Disaster Management Department, Gangtok.
- vii) Various state and central govt. agencies.

**3. WORKSHOP/ SEMINAR/ LECTURE:**

Nil.

**4. RESEARCH AND PUBLICATION:**

- Nil.

## 5. SPECIAL SERVICES AND DATA SUPPLY:

Name of the Station	Revenue Earned (Rs.)	Remarks
Meteorological Centre, Gangtok	NIL	---

## 6. FORECASTING SERVICES:

### A. AVIATION: NOT APPLICABLE

NAME OF THE STATION	STATION SCHEDULED FLIGHTS	NON SCHEDULED FLIGHTS	V.V.I.P. FLIGHTS	ORAL BRIEFING ROUTE FORECAST	AERODROME WARNING ISSUED (Thunder/lightning)
	Chart/(T3/T4)	Chart/(T3/T4)			

### NON-AVIATION:

Legend	Passed on to	Total No. Issued
Daily Rainfall & Temperature data of five stations.	RMC Kolkata & DGM New Delhi by E-mail/ fax /over phone on real-time basis throughout the month. Daily synoptic and Pilot Data of MO Gangtok transmitted to MO Kolkata through E-mail.	31
Daily Met. data and Daily Weather Report of Sikkim and Local Weather Forecast for Gangtok and Tadong	(i) IMD Weather Channels through E-mail. (ii) AIR & PIB, Sikkim State Disaster Management Authority, (iii) NHPC Singtam, Radio Channel FM9, Nayuma (Local Channel) and (iv) Gushing Torrent International Pvt. Ltd. Gangtok for their English daily "The Daily Encounter Sikkim" during the month. (iv) Uploaded in IVRS (in English) and local website www.imdsikkim.gov.in	31 31 31 31
Forecast uploaded in the IMD websites viz. (i) <a href="http://www.imd.gov.in/">http://www.imd.gov.in/</a> (ii) <a href="http://www.mausam.gov.in/">http://www.mausam.gov.in/</a> (iii) <a href="http://www.imdsikkim.gov.in/">http://www.imdsikkim.gov.in/</a>	(i) Local Weather condition. (ii) City weather forecast (for next five days) (iii) Bi-weekly District wise AAB for the four district of Sikkim. (iv) Monthly Extreme Weather events for Gangtok.	31 31 08 01
Verification of Local Forecast and rainfall intensity	The same of Local Forecast and rainfall intensity for the month of <b>June'2017</b> sent to DDGM (WF), Pune	01
Verification for Value Added District Level Forecast	The same of Value Added District Level Forecast for the month of <b>June'2017</b> sent to DDGM (Agrimet), Pune/ AAS, Kolkata.	01
Monthly maximum, minimum and rainfall data have been sent to DDGM (WF) Pune, for synoptic data monitoring	Monthly maximum, minimum and rainfall data for the month of <b>June'2017</b> have been sent to DDGM (WF) Pune, for synoptic data monitoring	01

## 7. AGROMETEOROLOGICAL ADVISORY SERVICES:

### Details of Bulletins issued:

Name of the station	No. of bulletin issued	No of bulletin sent to DDGM (Agrimet), Pune	Broadcast / Telecast of the State Composite Agromet bulletin & District Level Forecast
Meteorological Centre, Gangtok	<b>08</b>	<b>08</b>	Uploaded in the IMD websites viz. (i) <a href="http://www.imdagrimet.gov.in/">http://www.imdagrimet.gov.in/</a> (ii) <a href="http://www.imdsikkim.gov.in/">http://www.imdsikkim.gov.in/</a> & (iii) <a href="http://www.farmer.gov.in/">http://www.farmer.gov.in/</a>

## 8. HYDROMETEOROLOGY:

### A. FLOOD METEOROLOGY

- Weekly Hydromet data in respect of all the districts of Sikkim were sent to Agrimet, Pune regularly during the month of **July' 2017**.
- Weekly Rainfall Statistics in respect of all four districts of Sikkim sent to Sikkim State Disaster Management Authority, Gangtok, Agrimet, Pune, Food Security & Agriculture Development Department, Govt. of Sikkim regularly during the month of **July' 2017**.

### B. SCRUTINY / Heavy Rainfall Analysis (HRA) / TABULATION of SRRG Chart:

Name of station / Unit	HRA		TABULATION	
	No of stations	Month(s)	No of stations	Month(s)
Meteorological Office, Gangtok	-	-	-	-
Meteorological Office, Tadong	-	-	-	-

**9. RADAR METEOROLOGY:** *NOT APPLICABLE*

**DETAILS OF OBSERVATIONS RECORDED:**

NAME OF STATIONS	OBSERVATIONS RECORDED	
	ROUTINE	SPECIAL
Meteorological Centre, Gangtok	-	-

**10. SATELLITE METEOROLOGY:**

**A. CWDS:** *NOT APPLICABLE*

**B. DMDD:**

Name of the Stations	Nos. of Pictures received
Meteorological Centre, Gangtok	Nil

\* During the shifting of MC Gangtok from Ladakhi Mansion, Baluwakhani to the 3-rooms of Departmental Chummary accommodation at Raj Bhavan Area, the equipments viz. DMDD, IVRS, V-SAT etc had been stored at the spare rooms of Seismo Tadong and the same have not been reinstalled at Chummary accommodation due to scarcity of available space.

**C. AWS / ARG:**

Name of the Stations	Status
Gangtok (AWS)	<b>Unserviceable since 18.06.2015.</b>
Mangan (AWS)	<b>Reception of data is very much irregular.</b>
Namchi (AWS)	<b>Unserviceable since 28.04.2015.</b>
Gyalshing (AWS)	<b>Unserviceable since 08.07.2016; even after recent installation of new data logger, data is not being received through IMD website.</b>
Ravangla (ARG)	<b>Unserviceable since 28.04.2015</b>
Namthang (ARG)	<b>Unserviceable since 14.03.2015</b>
Yuksom (ARG)	<b>Unserviceable since 10.08.2014</b>
Soreng (ARG)	<b>Unserviceable since 21.01.2015</b>

## 11. DATA MANAGEMENT AND INSPECTION:

### **A. DATA MANAGEMENT (Scrutiny / Tabulation/ Entry in PC):**

Name of the station	Data Scrutinized				P.B. Flight sheets Checked	Data keyed in PC				Remarks
	MMR	Day summary	Autographic data			MMR	Days summary	Autographic data	Heavy R/F data in year	
Meteorological Office, Gangtok	June 2017	Yes	Yes	Yes	Yes	Yes	Yes	-	Data sent in IDESK and MMR sent to RMC, Kol.	
Meteorological Office, Tadong	-	-	-	-	No	No	No	-	MO Tadong computer U/S since June'2015	
Part Time Observatory, Mangan	Received till March, April & May 2017	N/A	N/A	N/A	Yes	N/A	N/A	N/A	MMR(s) of till December 2016 sent to RMC Kolkata.	
Part Time Observatory, Mazitar	Received till April & May' 2017	N/A	N/A	N/A	Yes	N/A	N/A	N/A	MMR(s) of till April & May' 2017 sent to RMC Kolkata.	
Part Time Observatory, Namthang	Received June 2017	N/A	N/A	N/A	Yes	N/A	N/A	N/A	MMR(s) of till May 2017 sent to RMC Kolkata.	

### **B. INSPECTION:**

- Nil.

## 12. OBSERVATIONAL ORGANIZATION:

### **A. DETAILS OF HIGHEST ASCENT (UPPER AIR):**

STATION	ITEM	MAXIMUM HEIGHT	DATE AND TIME(UTC)	TOTAL NO. OF FLIGHT
Meteorological Centre, Gangtok	RS (GPS)	4.1 hPa (37286.1 gpm)	09.07.2017 (0000 UTC)	31
	PBO	---	---	00

**B. RADIATION:** Radiation Instrument of M. O. Tadong is working satisfactorily w.e.f 05.06.2016.

**C. SEISMOLOGY:**

Name of the Station	No of shocks received
Seismological Centre, Gangtok	Analogue Seismometer is defunct since 24.01.2017.

**13. PORT METEOROLOGY:**

**Ships visited by Port Met Office, Kolkata during the month: N/A**

Foreign	Indian	Index correction card supplied	Barometer adjusted	Comparison of Barometer

**14. VISITORS:**

- Nil.

(S. Lama, Met-B)  
For Director,  
M. C. Gangtok

M. C. Gangtok UO. No. MCPR-00101 (G)/

Dated: 03.08.2017.