

(1) Forecasting Services: (A) Issued daily local weather forecast for 24/48 hours validity for Gangtok and neighbourhood based on 03Z charts (B) Heavy Rainfall Warnings have been issued to Govt. of Sikkim Authorities/Media as and when necessary (C) Daily Met Data and Local Weather Forecast (24 & 48 hrs) for Gangtok City and Neighbourhood has been uploaded to M.C.Gangtok Website (www.imdsikkim.gov.in) and to IMD Website (www.imd.gov.in), and communicated to local Print/Electronic Media (D) Monthly extreme weather events data in respect of Gangtok City were uploaded to IMD Website (www.imd.gov.in) as well as to M.C.Gangtok Website (www.imdsikkim.gov.in) on 1st day of every month. (E) Verification of local weather forecast for the months June to August have been sent to DDGM (WF), Pune on 2.7.09, 10.8.09 & 8.9.09 respectively.

(2) Agromet Services: (A) 27 Nos. Composite Agromet Advisory Bulletins have been issued to Sikkim Govt./NCMRWF/Agrimet Pune/RMC Kolkata through email during the quarter (B) Five day value added forecasts have been included in the same and have also been sent separately to DDGM (Agrimet), Pune via email (C) Monthly verification report of 5 day AAB forecasts are regularly sent to DGM Head Agromet Services & Agrimet Pune by email. (D) Inputs of Weekly Press Conference regarding impact of Southwest Monsoon 2009 on the prospect of Kharif/Cash crops in Sikkim have been sent to DDGM (Agrimet), Pune.

(3) Hydrometeorology: (A) Weekly Hydromet Data in respect of East District, Sikkim have been sent to DDGM (Agrimet), Pune on every Wednesday. (B) Percentage departures of rainfall over East District, Sikkim during Southwest Monsoon 2009 were as follows: -

Progressive % Departure of rainfall	Upto 30.06.09	Upto 31.07.09	Upto 31.08.09	Upto 30.09.09
	-22	-18	-11	-19

- (4) **Telecommunication:** (A) Synoptic/Pibal data of Gangtok Observatory were transmitted regularly over HSDT. Data/Inference received through HSDT were utilized for forecasting (B) HSDT daily status reports were sent. Fortnightly reports were sent during July and August replaced by monthly report September onwards (C) Regular updating of Forecasts/Weather Warnings were done on IVRS (D) All daily/weekly/monthly data, daily local weather forecast, Composite AAB etc. were regularly uploaded to VSAT.
- (5) **Satmet:** (A) Satellite images /charts were received through DMDD (B) Daily/weekly/Monthly status reports were sent via email to HQ, New Delhi. (C) Number of Images received during July, August & September were 57, 53 & 54 respectively. Number of analyzed Charts received 29, 27 & 28 respectively.
- (6) **Inspection & Data Management:** (A) Part-time Observatory at Mazitar was shifted to new site on 21.7.09. (B) MMRs of Gangtok & Tadong Observatories were sent to RMC Kolkata after entering data in register (C) MMRs received from Namthang Part Time Observatory (Class IVa) and data entered in register (D) Data supplied to 2 outside parties during July 09, 3 during August and 3 during September. Costs realized were Rs.1445/-, Rs.2198/- & Rs.8852/- respectively (E) Daily rainfall data in respect of stations of Sikkim have been collected and emailed on real-time basis to North/East/South/West District Collectors and also to DGM New Delhi/NCC Pune for information during those three months
- (7) **Observational Details:** (A) Highest P.B. ascent at M.O. Gangtok 6 1.8 km in July/ 5.8 km in September. No ascent during August due to Rain/Fog/Low cloud (B) Tremors & shocks recorded at Seismo Tadong 6 July-11/August-18/September-19 (C) Radiation data tabulated through Hand Data Logger (D) Bhutan Earthquake of magnitude 6.2 on 21.9.09 was recorded at Seismo Tadong and also felt locally.
- (8) **Research & Publication:** (A) Paper entitled ARIMA Model of rainfall prediction at Gangtok (Sikkim) by Shri K. Seetharam, Director was published in Mausam

entitled Statistical Analysis of District Wise Winter
Shri K. Seetharam, Director sent for publication in

Mausam.

- (9) Inter Department Cooperation/Workshop:** (A) Director-in-charge attended ó
- (1) Town Official Language Implementation Committee organized õHindi Karyashala onö 5.8.09 (2) Annual Research Council Meeting at ICAR conference hall, Tadong on 6.8.09 (3) Independent Day celebration at Rajbhawan Gangtok on 15.8.09 (B) Information regarding Mandate and Activities Report in respect of M.C. Gangtok sent to State Knowledge Commission, Govt. of Sikkim on 7.7.09 in connection with their study on working of Sikkim based Central Govt. Organisations.
- (10) Official Language related works:** (A) Reply in Hindi to letters received in Hindi ó July-6, August-7, September-3 (B) Letters initiated in Hindi July-26, August-10, September-23.
- (11) New equipments installed:** (A) 1.5-ton window type AC Machine of Himgiri makes Model- Sensation NO. HGNC-19 installed on 07-07-2009 for the purpose DMDD.



SPEED POST

ADGM(R) PUNE

Sub: Human Resource Development

Ref: DGM-OSD-05 (MISC)/09 dated 10.09.2009

With reference to D.G.M.'s letter cited above kindly find enclosed one copy of Quarterly Report on activities of M.C. Gangtok for the quarter July 2009 to September 2009 for information and further necessary action.

(K.Seetharam)
Director
M.C.Gangtok

M.C.Gangtok UO. No. MCGKPR 6 XX001/ dated - 10 - 2009

Copy to

- 1) RMC Kolkata for information
- 2) D.G.M. New Delhi (Director Publication) for posting on Met Net website.