



METEOROLOGICAL CENTRE, DEHRADUN
INDIA METEOROLOGICAL DEPARTMENT
MINISTRY OF EARTH SCIENCES
GOVERNMENT OF INDIA

DAILY WEATHER REPORT FOR UTTARAKHAND

THURSDAY 21 SEP 2017 (30 Bhadrapada, 1938, Saka)

SUMMARY OF OBSERVATIONS RECORDED AT 08:30 HOURS IST:

Realized weather during last 24 hours: Very light to heavy rainfall occurred at isolated places in Uttarakhand.

Monsoon Activity-Monsoon remained "NORMAL" in Uttarakhand during past 24 hours.

Chief amounts of rainfall (≥ 3 cm): Haldwani-9, Banbasa-3.

Temperatures: Maximum temperatures remained appreciably above normal in plains and hills of Uttarakhand. Highest maximum temperature 35.6°C was recorded at Pantnagar.

SYNOPTIC ANALYSIS:

- The axis of monsoon trough at mean sea level now passes through Bikaner, Ajmer, centre of well marked low pressure area, Pendra Road, Jharsuguda, Paradip and thence east southeastwards to eastcentral Bay of Bengal and extends upto 0.9 km above mean sea level.
- A cyclonic circulation lies over northwest Rajasthan & neighbourhood and extends upto 5.8 km above mean sea level.
- The Western Disturbance as an upper air cyclonic circulation over central Pakistan & adjoining Punjab now lies over eastern parts of Jammu & Kashmir and adjoining Himachal Pradesh at 3.1 km above mean sea level.
- The other Western Disturbance as an upper air cyclonic circulation over eastern parts of Afghanistan & neighbourhood between 3.1 & 5.8 km above mean sea level persists with the trough aloft with its axis at 7.6 km above mean sea level now runs roughly along Longitude 65.0°E to the north of Latitude 27.0°N.

FORECAST:

Date	Forecast (Valid till 08:30 hours of next day)	WARNING
21.09.2017	Generally cloudy sky. Light to moderate rain/thunderstorm very likely to occur at many places in Uttarakhand.	(WATCH): Heavy rainfall likely to occur at isolated places especially in Kumaun region of Uttarakhand during next 24 hours. (ALERT): Heavy to very heavy rainfall likely to occur at isolated places especially in Garhwal region of Uttarakhand on 22 nd September, 2017.
22.09.2017	Generally cloudy sky. Light to moderate rain/thunderstorm very likely to occur at most places in Uttarakhand.	
23.09.2017	Generally cloudy sky. Light to moderate rain/thunderstorm very likely to occur at most places in Uttarakhand.	
24.09.2017	Partly to generally cloudy sky. Light to moderate rain/thunderstorm likely to occur at many places in Uttarakhand.	
25.09.2017	Partly to generally cloudy sky. Light to moderate rain/thunderstorm very likely to occur at a few places in Uttarakhand.	

Weather outlook for subsequent 2 days valid from 0830 hrs IST of 26.09.2017 to 0830 hrs IST of 28.09.2017

No large change

LOCAL FORECAST FOR DEHRADUN:

Validity	Max.	Min.	Forecast
Next 24 hours	32	22	Partly to generally cloudy sky. Thunder cloud development/light rain likely to occur in some area towards afternoon/evening

OBSERVATIONS RECORDED AT 08:30 HRS IST ON DATE: 21.09.2017

Station	Temperature (in °C)						Humidity	Rainfall (in mm)	
	Maximum			Minimum				(in mm)	
	Past 24 Hrs	Past 24 Hrs Change	Dep from Normal	Past 24 Hrs	Past 24 Hrs Change	Dep from Normal	08:30 Hrs (%)	Past 24 Hrs (mm)	Seasons Total From 01/06/17
Dehra Dun	33.2	0	3	21.4	-1	1	85	0.0	1799.1
New Tehri	25.7	0	-	15.7	-1	-	88	0.0	803.9
Mukteshwar	23.7	0	3	13.1	0	1	87	0.0	830.4
Pantnagar	35.6	2	3	24.5	0	2	77	0.0	1217.5

LEGENDS: ‘-’= data not available, ‘Trace’= non-measurable rainfall

DAMAGE AND MEDIA REPORTS:

NIL

sd/-
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