



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

DAILY WEATHER REPORT FOR UTTARAKHAND

FRIDAY 21 JULY 2017 (30 Ashadha, 1938, Saka)

SUMMARY OF OBSERVATIONS RECORDED AT 08:30 HOURS IST:

Realized weather during last 24 hours: Light to moderate rainfall occurred at a few places in Uttarakhand.

Monsoon Activity-Monsoon remained weak in Uttarakhand during past 24 hours.

Chief amounts of rainfall ( $\geq 3$  cm): Dharchula-5, Didihat-3, Dwarhat-3, Banbasa-3

Temperatures: Maximum temperatures were 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 centre of low pressure area over south Gujarat region & neighbourhood, center of low pressure area over northern parts of west Madhya Pradesh & neighbourhood, Sidhi, Daltongunj, Burdwan, Digha and thence east southeastwards to Northeast Bay of Bengal and extends upto 1.5 Km above mean sea level.
- The upper air cyclonic circulation over central parts of Rajasthan & neighbourhood extending upto 1.5 Km above mean sea level has become less marked.
- The western disturbance as an upper air cyclonic circulation over north Pakistan & adjoining Afghanistan now lies over north Pakistan & neighbourhood at 3.1 above mean sea level with a trough aloft with its axis at 5.8 Km above mean sea level now running roughly along longitude 73.0°E and north of latitude 32.0°N.

FORECAST:

Date (Valid till 08:30 hours of next day)	Forecast	<u>WARNING</u>
21.07.2017	Generally cloudy sky. Light to moderate rain/thunder showers likely to occur at many places in Uttarakhand.	NIL
22.07.2017	Generally cloudy sky. Light to moderate rain/thunder showers likely to occur at a few places in Uttarakhand.	
23.07.2017	Generally cloudy sky. Light to moderate rain/thunder showers likely to occur at many places in Uttarakhand.	
24.07.2017	Generally cloudy sky. Light to moderate rain/thunder showers very likely to occur at most places in Uttarakhand.	
25.07.2017	Generally cloudy sky. Light to moderate rain/thunder showers very likely to occur at most places in Uttarakhand.	

- South West Monsoon will become active over Uttarakhand from 24<sup>th</sup> July, 2017 onwards for next 2-3 days.

Weather outlook for subsequent 2 days valid from 0830 hrs IST of 26.07.2017 to 0830 hrs IST of 28.07.2017

No large change

**LOCAL FORECAST FOR DEHRADUN:**

Validity	Max.	Min.	Forecast
Next 24 hours	36	25	Partly to generally cloudy sky with rain/thunder showers likely to occur towards evening/night

**OBSERVATIONS RECORDED AT 08:30 HRS IST ON DATE: 21.07.2017**

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	32.9	-3	3	25.0	2	2	75	Trace	842.5
New Tehri	23.0	-4	-	17.2	1	-	83	0.0	390.9
Mukteshwar	23.1	-1	2	15.1	0	1	98	0.0	523.0
Pantnagar	35.6	-2	3	24.1	0	-1	81	5.4	430.2

**LEGENDS:** '-'= data not available, 'Trace'= non-measurable rainfall

**DAMAGE AND MEDIA REPORTS:**

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(BIKRAM SINGH)

DIRECTOR  
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