



**ई-मेल सन्देश दिनांक 16.05.2017**  
**District level value added numerical weather prediction for Department of Forest, Uttarakhand**  
**VALID TILL 08:30 IST OF THE NEXT 5 DAY**

STATE : UTTARAKHAND

PARAMETERS

ENSEMBLE FCST

DAY-1  
17052017

DAY-2  
18052017

DAY-3  
19052017

DAY-4  
20052017

DAY-5  
21052017

DISTRICT : UTTARKASHI

Rainfall (mm)	10	15	15	15	15
Max Temperature ( deg C)	29	28	27	25	25
Min Temperature ( deg C)	15	15	14	13	13
Total cloud cover (octa)	6	7	7	7	7
Max Relative Humidity (%)	90	95	95	95	90
Min Relative Humidity (%)	45	55	55	60	60

DISTRICT : CHAMOLI

Rainfall (mm)	10	15	15	20	20
Max Temperature ( deg C)	25	24	24	23	23
Min Temperature ( deg C)	13	13	12	12	11
Total cloud cover (octa)	6	7	7	7	7
Max Relative Humidity (%)	90	95	95	95	90
Min Relative Humidity (%)	45	55	55	60	60

DISTRICT : PITHORAGARH

Rainfall (mm)	10	15	15	20	20
Max Temperature ( deg C)	29	28	26	25	25
Min Temperature ( deg C)	15	15	14	13	13
Total cloud cover (octa)	5	6	6	7	7
Max Relative Humidity (%)	90	95	95	95	90
Min Relative Humidity (%)	45	55	55	60	60

DISTRICT : BAGESHWAR

Rainfall (mm)	10	15	15	20	20
Max Temperature ( deg C)	29	28	26	25	25
Min Temperature ( deg C)	15	15	14	13	13
Total cloud cover (octa)	5	6	6	7	7
Max Relative Humidity (%)	90	95	95	95	90
Min Relative Humidity (%)	45	55	55	60	60

DISTRICT : ALMORA

Rainfall (mm)	5	10	10	10	10
Max Temperature ( deg C)	28	27	26	26	25
Min Temperature ( deg C)	15	15	14	14	14
Total cloud cover (octa)	4	7	7	6	6
Max Relative Humidity (%)	85	90	90	90	90
Min Relative Humidity (%)	45	55	55	45	50

DISTRICT : CHAMPAWAT

Rainfall (mm)	5	5	5	10	10
Max Temperature ( deg C)	27	26	25	25	25
Min Temperature ( deg C)	15	14	14	13	13
Total cloud cover (octa)	4	5	6	6	6
Max Relative Humidity (%)	85	90	90	90	90
Min Relative Humidity (%)	45	55	55	45	50

DISTRICT : RUDRAPRAYAG

Rainfall (mm)	10	15	15	10	15
Max Temperature ( deg C)	29	27	26	25	25
Min Temperature ( deg C)	15	15	14	13	13
Total cloud cover (octa)	4	5	6	6	6
Max Relative Humidity (%)	85	90	90	90	90
Min Relative Humidity (%)	45	55	55	45	50

DISTRICT : TEHRI-GARHWAL

Rainfall (mm)	5	5	5	5	8
Max Temperature ( deg C)	30	28	27	25	25
Min Temperature ( deg C)	15	15	14	13	13
Total cloud cover (octa)	4	5	6	6	6
Max Relative Humidity (%)	85	90	90	90	90
Min Relative Humidity (%)	45	55	55	45	50

DISTRICT : DEHRADUN

17052017

18052017

19052017

20052017

21052017

Rainfall (mm)	8	8	5	5	8
Max Temperature ( deg C)	38	36	36	36	35
Min Temperature ( deg C)	23	22	22	21	21
Total cloud cover (octa)	4	5	6	6	6
Max Relative Humidity (%)	85	90	90	90	90
Min Relative Humidity (%)	45	55	55	45	50

DISTRICT : PAURI GARHWAL

Rainfall (mm)	5	5	5	5	8
Max Temperature ( deg C)	30	28	27	25	25
Min Temperature ( deg C)	15	15	14	13	13
Total cloud cover (octa)	4	5	6	6	6
Max Relative Humidity (%)	85	90	90	90	90
Min Relative Humidity (%)	45	55	55	45	50

DISTRICT : HARIDWAR

Rainfall (mm)	5	5	0	5	5
Max Temperature ( deg C)	38	36	36	35	35
Min Temperature ( deg C)	23	22	22	21	21
Total cloud cover (octa)	4	5	6	6	6
Max Relative Humidity (%)	85	90	90	90	90
Min Relative Humidity (%)	45	55	55	45	50

DISTRICT : UDHAMSINGH-NGR

Rainfall (mm)	0	5	0	0	5
Max Temperature ( deg C)	40	38	38	38	36
Min Temperature ( deg C)	23	22	22	22	22
Total cloud cover (octa)	4	5	4	4	6
Max Relative Humidity (%)	85	90	90	90	90
Min Relative Humidity (%)	45	55	55	45	50

DISTRICT : NAINITAL

	17052017	18052017	19052017	20052017	21052017
Rainfall (mm)	5	10	10	10	10
Max Temperature ( deg C)	27	26	25	25	25
Min Temperature ( deg C)	15	15	14	14	14
Total cloud cover (octa)	4	5	6	6	6
Max Relative Humidity (%)	85	90	90	90	90
Min Relative Humidity (%)	45	55	55	45	50

### Forecast Remarks

**Temperature trend:** Maximum temperatures likely to fall by 2-4 degree Celsius during next 4 days or so.

**Rainfall:** Light to moderate rain/thunder shower likely to occur at many places on 16, 17 and at a few places on 18,19,20 May 2017. Hail/Thunder shower likely to occur at isolated places on 16 and 17 May 2017.

ह०  
(बिक्रम सिंह)  
वैज्ञानिक-ई/निदेशक, मौसम विज्ञान केन्द्र, देहरादून

**Forecast and Warning for a particular day is valid from 0830 hours IST of day till 0830 hours IST of next day.**

Legends: (As per the new guidelines w.e.f January 1, 2016 )		
Unlikely = probability of occurrence up to 25%	Likely = probability of occurrence between 26 & 50%	
Very likely = probability of occurrence between 51 & 75%	Most likely = probability of occurrence above 75%	
Very light rain: Trace - 2.4 mm	Light rain: 2.5- 15.5 mm	Moderate rain: 15.6 – 64.4 mm
Heavy rain: 64.5- 115.5 mm	Very heavy rain: 115.6- 204.4 mm	Extremely heavy: > 204.4 mm

- ❖ Heavy snow: 64.5 – 115.5 cm (in depth) & Very heavy snow: 115.6 – 204.4 cm (in depth). (As per the new guidelines w.e.f January 1, 2016).
  - ❖ Daily district level forecast of all 13 districts is being issued separately.
  - ❖ Isolated places: Less than or equal to 25% area. Few places: 26%- 50% area.
    - ❖ Many places: 51% - 75% area. Most places: 76% - 100% area.