

**DEPARTMENT OF AGROMETEOROLOGY, COLLEGE OF AGRICULTURE
GB PANT UNIVERSITY OF AGRICULTURE & TECHNOLOGY,
PANTNAGAR-263145, INDIA**

**Progressive Rainfall Situation (% departure from normal)
in Uttarakhand**

(1 January- 7 February, 2018)

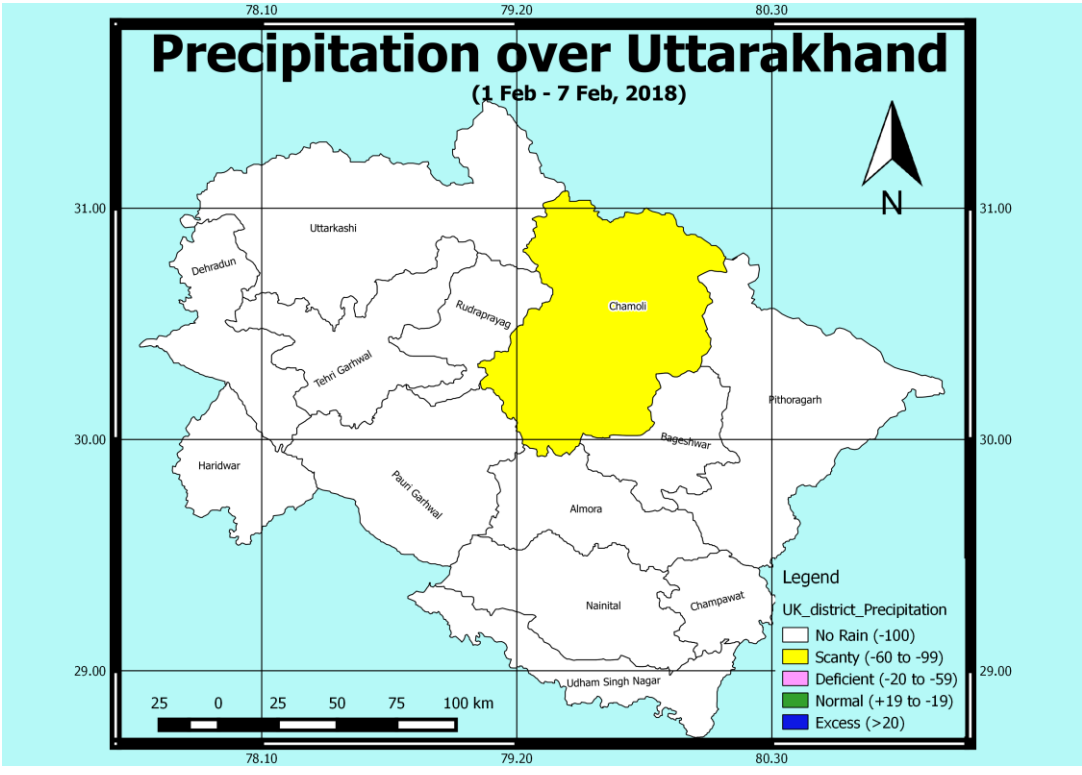
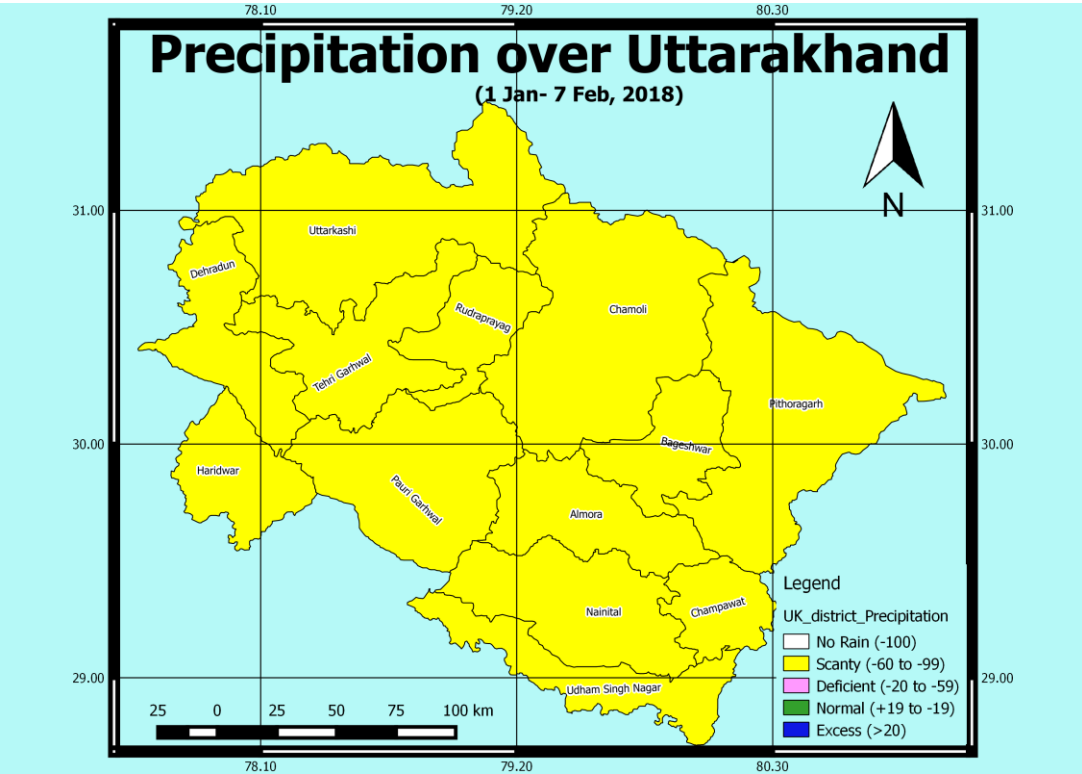
S. No.	Districts	Rainfall Departure (%)	Rainfall Departure (%)	Rainfall Departure (%)	Rainfall Departure (%)	Rainfall Departure (%)	Rainfall Departure (%)	1 Jan – 7 Feb, 2018	
		(1 - 3 Jan)	(1 - 10 Jan)	(1 - 17 Jan)	(1 - 24 Jan)	(1 - 31 Jan)	(1 Jan– 7 Feb)	Normal RF (mm)	Actual RF (mm)
1	Almora	-100	-100	-100	-49	-64	-72	59.4	16.7
2	Bageshwar	-100	-100	-100	-55	-68	-75	59.4	14.7
3	Chamoli	-100	-100	-100	-23	-49	-60	74.2	29.7
4	Champawat	-100	-100	-100	-46	-62	-68	52.1	16.5
5	Dehradun	-100	-100	-100	-32	-56	-65	65.7	22.9
6	Pauri Garhwal	-100	-100	-100	-66	-77	-82	54	9.8
7	Tehri Garhwal	-100	-100	-100	-53	-71	-77	68.9	15.8
8	Haridwar	-100	-100	-100	-77	-86	-89	41.9	4.6
9	Nainital	-100	-100	-100	-53	-67	-74	58	15.2
10	Pithoragarh	-100	-100	-100	-46	-66	-72	62.2	17.3
11	Rudraprayag	-100	-100	-100	-59	-70	-76	93.7	22.7
12	Udham Singh Nagar	-100	-100	-100	-46	-66	-72	35.7	10.1
13	Uttarkashi	-100	-100	-100	-66	-74	-79	84.9	18.1

LEGEND:	
Excess: (+20 or more)	
Normal: (+19 to -19)	
Deficient: (-20 to -59)	
Scanty: (-60 to -99)	
No Rain: (-100)	

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Excess: (+20 or more)	
Normal: (+19 to -19)	
Deficient: (-20 to -59)	
Scanty: (-60 to -99)	
No Rain: (-100)	

Rainfall Situation	Rainfall departure (%) (1 Jan – 7 Feb, 2018)	Rainfall departure (%) (1 Feb – 7 Feb, 2018)
Uttarakhand as a Whole	-74	-100
Kumaon Region	-72	-100
Garhwal Region	-74	-100

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@ Department of Agrometeorology, GBPUA&T, Pantnagar
Based on data provided by IMD

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Weather Forecast for Next five Days as received from IMD, New Delhi

VALUE ADDED AT MC DEHRADUN

INDIA METEOROLOGICAL DEPARTMENT
NWP MODELS BASED DISTRICT LEVEL WEATHER PREDICTION
ISSUED ON: 06-02-2018
VALID TILL 08:30 IST OF THE NEXT 5 DAYS

STATE : UTTARAKHAND
PARAMETERS

ENSEMBLE FCST

	DAY-1 07022018	DAY-2 08022018	DAY-3 09022018	DAY-4 10022018	DAY-5 11022018
<u>DISTRICT : ALMORA</u>					
Rainfall (mm)	0	0	0	0	0
Max Temperature (deg C)	22	22	23	23	23
Min Temperature (deg C)	4	3	3	4	5
Total cloud cover (octa)	5	2	1	2	2
Max Relative Humidity (%)	85	80	80	85	85
Min Relative Humidity (%)	45	40	40	45	45
Wind speed (kmph)	008	008	006	006	006
Wind direction (deg)	230	310	320	130	120
<u>DISTRICT : BAGESHWAR</u>					
Rainfall (mm)	0	0	0	0	0
Max Temperature (deg C)	22	23	24	22	20
Min Temperature (deg C)	7	6	5	6	7
Total cloud cover (octa)	5	2	1	2	2
Max Relative Humidity (%)	85	80	80	85	85
Min Relative Humidity (%)	45	40	40	45	45
Wind speed (kmph)	008	008	006	006	006
Wind direction (deg)	230	310	320	130	120
<u>DISTRICT : CHAMOLI</u>					
Rainfall (mm)	3	0	0	0	0
Max Temperature (deg C)	20	21	22	23	21
Min Temperature (deg C)	7	6	5	5	6
Total cloud cover (octa)	5	3	1	2	4
Max Relative Humidity (%)	85	80	80	85	85
Min Relative Humidity (%)	45	40	40	45	45
Wind speed (kmph)	008	008	006	006	006
Wind direction (deg)	230	310	320	130	120

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DISTRICT : CHAMPAWAT

Rainfall (mm)	0	0	0	0	0
Max Temperature (deg C)	19	19	20	20	19
Min Temperature (deg C)	8	7	6	5	8
Total cloud cover (octa)	5	2	1	2	2
Max Relative Humidity (%)	85	80	80	85	85
Min Relative Humidity (%)	45	40	40	45	45
Wind speed (kmph)	008	008	006	006	006
Wind direction (deg)	230	310	320	130	120

DISTRICT : DEHRADUN

Rainfall (mm)	0	0	0	0	0
Max Temperature (deg C)	25	25	25	24	23
Min Temperature (deg C)	8	7	7	8	9
Total cloud cover (octa)	5	2	1	2	3
Max Relative Humidity (%)	85	80	80	85	85
Min Relative Humidity (%)	45	40	40	45	45
Wind speed (kmph)	008	008	006	006	006
Wind direction (deg)	230	310	320	130	120

DISTRICT : HARIDWAR

Rainfall (mm)	0	0	0	0	0
Max Temperature (deg C)	22	23	23	24	23
Min Temperature (deg C)	9	8	7	6	8
Total cloud cover (octa)	5	2	1	2	3
Max Relative Humidity (%)	85	85	85	85	85
Min Relative Humidity (%)	45	45	40	45	45
Wind speed (kmph)	008	008	006	006	006
Wind direction (deg)	230	310	320	130	120

DISTRICT : NAINITAL

	07022018	08022018	09022018	10022018	11022018
Rainfall (mm)	0	0	0	0	0
Max Temperature (deg C)	17	17	18	18	17
Min Temperature (deg C)	4	4	4	5	6
Total cloud cover (octa)	5	2	1	2	3
Max Relative Humidity (%)	85	80	80	85	85
Min Relative Humidity (%)	45	40	40	45	45
Wind speed (kmph)	008	008	006	006	006
Wind direction (deg)	230	310	320	130	120

DISTRICT : PAURI GARHWAL

Rainfall (mm)	0	0	0	0	0
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Max Temperature (deg C)	17	17	17	18	17
Min Temperature (deg C)	5	5	5	6	7
Total cloud cover (octa)	5	2	1	2	3
Max Relative Humidity (%)	85	80	80	85	85
Min Relative Humidity (%)	45	40	40	45	45
Wind speed (kmph)	008	008	006	006	006
Wind direction (deg)	230	310	320	130	120
<u>DISTRICT : PITHORAGARH</u>					
Rainfall (mm)	3	0	0	0	0
Max Temperature (deg C)	20	20	20	21	21
Min Temperature (deg C)	8	7	6	7	9
Total cloud cover (octa)	5	3	1	2	4
Max Relative Humidity (%)	85	80	80	85	85
Min Relative Humidity (%)	45	40	40	45	45
Wind speed (kmph)	008	008	006	006	006
Wind direction (deg)	230	310	320	130	120
<u>DISTRICT : RUDRAPRAYAG</u>					
Rainfall (mm)	3	0	0	0	0
Max Temperature (deg C)	19	20	20	19	17
Min Temperature (deg C)	6	5	5	6	7
Total cloud cover (octa)	5	3	1	2	4
Max Relative Humidity (%)	85	80	80	85	85
Min Relative Humidity (%)	45	40	40	45	45
Wind speed (kmph)	008	008	006	006	006
Wind direction (deg)	230	310	320	130	120
<u>DISTRICT : TEHRI-GARHWAL</u>					
Rainfall (mm)	0	0	0	0	0
Max Temperature (deg C)	16	17	18	16	15
Min Temperature (deg C)	5	5	4	5	7
Total cloud cover (octa)	5	2	1	2	2
Max Relative Humidity (%)	85	80	80	85	85
Min Relative Humidity (%)	45	40	40	45	45
Wind speed (kmph)	008	008	006	006	006
Wind direction (deg)	230	310	320	130	120
<u>DISTRICT : UDHAMSINGH-NGR</u>					
Rainfall (mm)	0	0	0	0	0
Max Temperature (deg C)	25	25	25	26	25
Min Temperature (deg C)	7	6	5	7	6

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Total cloud cover (octa)	5	2	1	2	2
Max Relative Humidity (%)	85	85	85	85	85
Min Relative Humidity (%)	45	45	40	40	45
Wind speed (kmph)	008	008	006	006	006
Wind direction (deg)	230	310	320	130	120
<u>DISTRICT : UTTARKASHI</u>					
Rainfall (mm)	3	0	0	0	0
Max Temperature (deg C)	20	21	21	22	21
Min Temperature (deg C)	6	5	5	6	8
Total cloud cover (octa)	5	3	1	2	4
Max Relative Humidity (%)	85	80	80	85	85
Min Relative Humidity (%)	45	40	40	45	45
Wind speed (kmph)	008	008	006	006	006
Wind direction (deg)	230	310	320	130	120
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