

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

**Progressive Rainfall Situation (% departure from normal)
in Uttarakhand
(1 June – 18 July, 2018)**

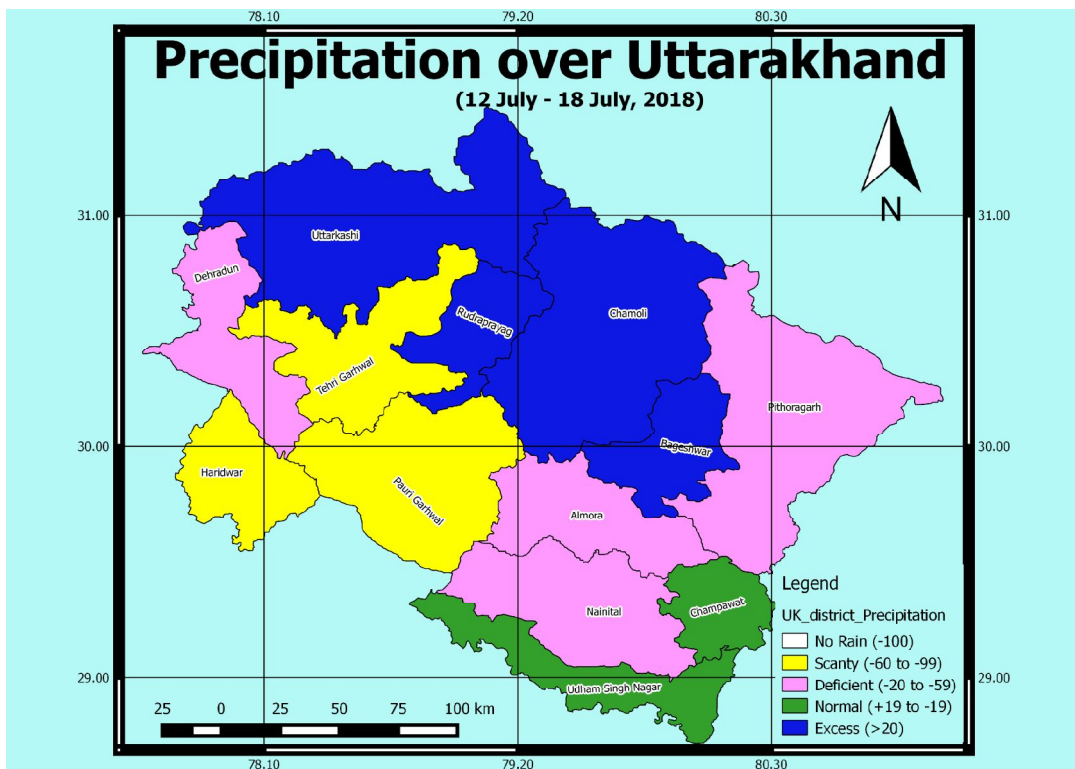
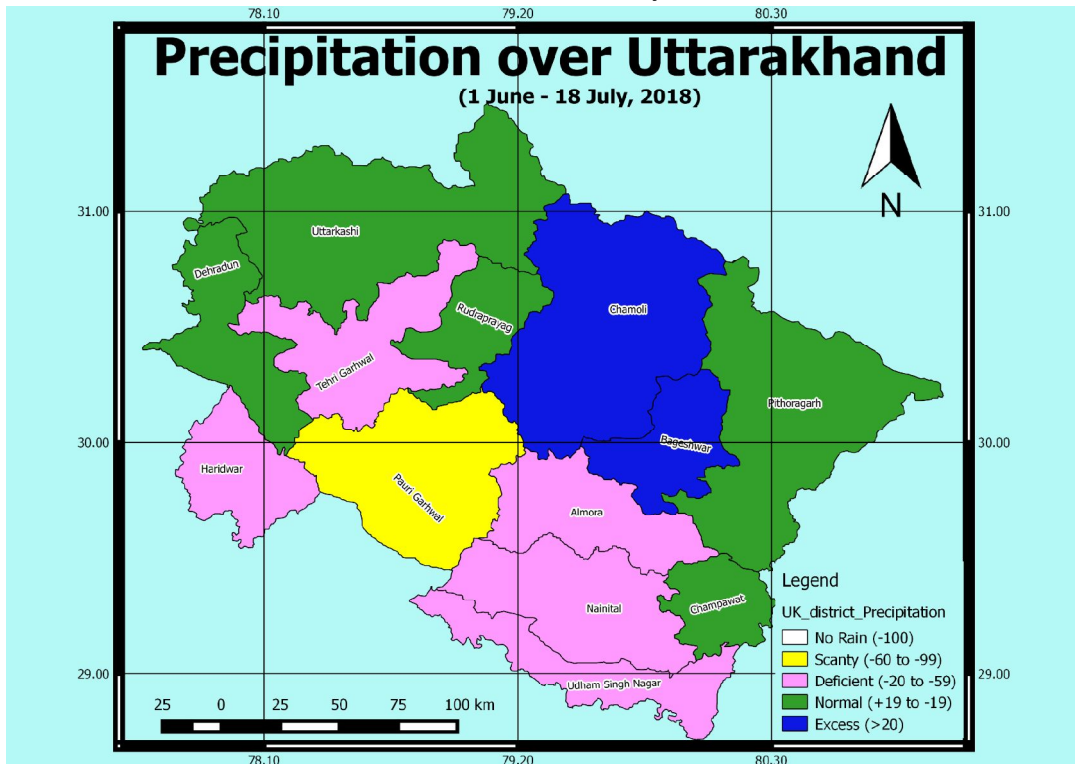
S. No.	Districts	Normal Rainfall (mm) (June-Sep)	Rainfall departure (%)	Rainfall departure (%)	Rainfall departure (%)	Rainfall departure (%)	Rainfall departure (%)	1 June-18 July, 2018	
			(1-20 June)	(1-27 June)	(1 June-4 July)	(1 June-11 July)	(1 June-18 July)	Normal RF (mm)	Actual RF (mm)
1	Almora	858.4	-27	-53	-46	-59	-59	298.5	122.5
2	Bageshwar	858.4	66	8	-9	71	76	298.5	525.8
3	Chamoli	859.3	94	41	59	35	77	261	460.8
4	Champawat	1319.7	16	-25	8	-17	-14	484.5	419
5	Dehradun	1802.1	65	2	20	5	-9	550.6	499
6	Pauri								
6	Garhwal	1213.5	19	-39	-45	-59	-65	373.6	131.6
	Tehri								
7	Garhwal	1047.1	32	-2	-3	-14	-30	337.8	235.9
8	Haridwar	961.9	60	11	49	-5	-21	290.5	229
9	Nainital	1439.1	29	2	25	-9	-22	502.9	392.7
10	Pithoragarh	1687.9	-26	-43	1	3	-3	601.1	581.9
11	Rudraprayag	1671.1	70	10	20	-7	4	514.5	537.1
	Udham Singh								
12	Nagar	1119.9	-44	-66	-31	-55	-44	382.4	214.4
13	Uttarkashi	1148.6	51	-7	-6	-28	-12	355.5	312.8

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 June– 18 July, 2018)	Rainfall departure (%) (12 July– 18 July, 2018)
Uttarakhand as a Whole	-11	-13
Kumaon Region	-12	-17
Garhwal Region	-10	-9

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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: 17-07-2018
VALID TILL 08:30 IST OF THE NEXT 5 DAYS

STATE: UTTARAKHAND

PARAMETERS	ENSEMBLE FCST				
	DAY-1 18072018	DAY-2 19072018	DAY-3 20072018	DAY-4 21072018	DAY-5 22072018
DISTRICT : ALMORA					
Rainfall (mm)	15	10	30	15	25
Max Temperature (deg C)	32	31	30	31	32
Min Temperature (deg C)	22	21	20	19	19
Total cloud cover (octa)	6	6	7	7	5
Max Relative Humidity (%)	90	85	95	90	85
Min Relative Humidity (%)	50	50	55	50	45
Wind speed (kmph)	6	8	8	6	4
Wind direction (deg)	140	120	140	130	130
DISTRICT : BAGESHWAR					
Rainfall (mm)	25	15	35	25	30
Max Temperature (deg C)	32	32	31	30	31
Min Temperature (deg C)	21	20	19	18	19
Total cloud cover (octa)	6	6	7	7	5
Max Relative Humidity (%)	90	85	95	90	85
Min Relative Humidity (%)	50	50	55	50	45
Wind speed (kmph)	6	8	8	6	4
Wind direction (deg)	140	120	140	130	130
DISTRICT : CHAMOLI					
Rainfall (mm)	30	20	35	30	30
Max Temperature (deg C)	32	31	30	29	30
Min Temperature (deg C)	19	18	17	17	18
Total cloud cover (octa)	6	6	7	7	5
Max Relative Humidity (%)	90	85	95	90	85
Min Relative Humidity (%)	50	50	55	50	45
Wind speed (kmph)	6	8	8	6	4
Wind direction (deg)	140	120	140	130	120

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DISTRICT : CHAMPAWAT

Rainfall (mm)	15	10	25	20	30
Max Temperature (deg C)	24	23	22	23	24
Min Temperature (deg C)	19	18	17	16	17
Total cloud cover (octa)	6	6	7	7	5
Max Relative Humidity (%)	90	85	95	90	85
Min Relative Humidity (%)	50	50	55	50	45
Wind speed (kmph)	6	8	8	6	4
Wind direction (deg)	140	120	130	130	140

DISTRICT : DEHRADUN

Rainfall (mm)	35	20	25	25	20
Max Temperature (deg C)	34	33	33	34	34
Min Temperature (deg C)	25	24	23	23	24
Total cloud cover (octa)	6	6	7	7	5
Max Relative Humidity (%)	90	85	95	90	85
Min Relative Humidity (%)	50	50	55	50	45
Wind speed (kmph)	6	8	8	6	4
Wind direction (deg)	140	120	120	130	100

DISTRICT : HARIDWAR

Rainfall (mm)	15	15	15	15	10
Max Temperature (deg C)	33	32	31	32	33
Min Temperature (deg C)	26	25	24	23	24
Total cloud cover (octa)	6	6	7	7	5
Max Relative Humidity (%)	90	85	95	90	85
Min Relative Humidity (%)	50	50	55	50	45
Wind speed (kmph)	6	8	8	6	4
Wind direction (deg)	140	120	130	130	110

DISTRICT : NAINITAL

Rainfall (mm)	20	15	30	20	30
Max Temperature (deg C)	22	21	21	22	23
Min Temperature (deg C)	15	14	13	13	14
Total cloud cover (octa)	6	6	7	7	5
Max Relative Humidity (%)	90	85	95	90	85
Min Relative Humidity (%)	50	50	55	50	45
Wind speed (kmph)	6	8	8	6	4
Wind direction (deg)	140	120	140	130	140

DISTRICT : PAURI GARHWAL

Rainfall (mm)	25	10	35	25	20
Max Temperature (deg C)	25	24	23	24	25
Min Temperature (deg C)	17	16	15	15	16
Total cloud cover (octa)	6	6	7	7	5

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Min Relative Humidity (%)	50	50	55	50	45
Wind speed (kmph)	6	8	8	6	4
Wind direction (deg)	140	120	130	130	130
DISTRICT : PITHORAGARH					
Rainfall (mm)	35	20	35	25	35
Max Temperature (deg C)	28	27	26	26	27
Min Temperature (deg C)	19	18	17	16	17
Total cloud cover (octa)	6	6	7	7	5
Max Relative Humidity (%)	90	85	95	90	85
Min Relative Humidity (%)	50	50	55	50	45
Wind speed (kmph)	6	8	8	6	4
Wind direction (deg)	140	120	130	120	140
DISTRICT : RUDRAPRAYAG					
Rainfall (mm)	25	25	30	25	30
Max Temperature (deg C)	34	33	32	32	33
Min Temperature (deg C)	23	22	21	20	20
Total cloud cover (octa)	6	6	7	7	5
Max Relative Humidity (%)	90	85	95	90	85
Min Relative Humidity (%)	50	50	55	50	45
Wind speed (kmph)	6	8	8	6	4
Wind direction (deg)	140	120	120	130	130
DISTRICT : TEHRI-GARHWAL					
Rainfall (mm)	20	15	25	25	15
Max Temperature (deg C)	24	23	22	23	24
Min Temperature (deg C)	16	15	14	15	16
Total cloud cover (octa)	6	6	7	7	5
Max Relative Humidity (%)	90	85	95	90	85
Min Relative Humidity (%)	50	50	55	50	45
Wind speed (kmph)	6	8	8	6	4
Wind direction (deg)	140	120	130	130	120
DISTRICT : UDHAMSINGH-NGR R					
Rainfall (mm)	10	15	15	15	30
Max Temperature (deg C)	35	34	33	34	34
Min Temperature (deg C)	26	25	24	23	24
Total cloud cover (octa)	6	6	7	7	5
Max Relative Humidity (%)	90	85	95	90	85
Min Relative Humidity (%)	50	50	55	50	45
Wind speed (kmph)	6	8	8	6	4
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DISTRICT : UTTARKASHI

Rainfall (mm)	25	20	25	20	30
Max Temperature (deg C)	33	32	31	31	32
Min Temperature (deg C)	21	20	19	18	19
Total cloud cover (octa)	6	6	7	7	5
Max Relative Humidity (%)	90	85	95	90	85
Min Relative Humidity (%)	50	50	55	50	45
Wind speed (kmph)	6	8	8	6	4
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