

**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-23 August, 2017)**

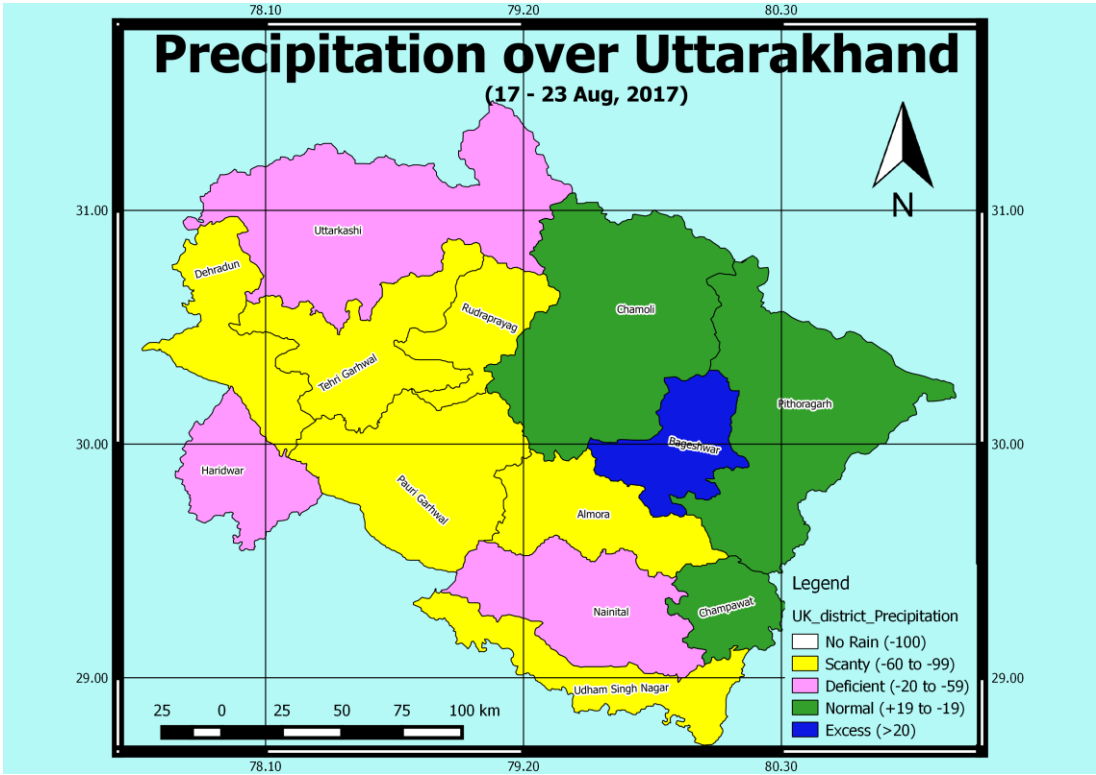
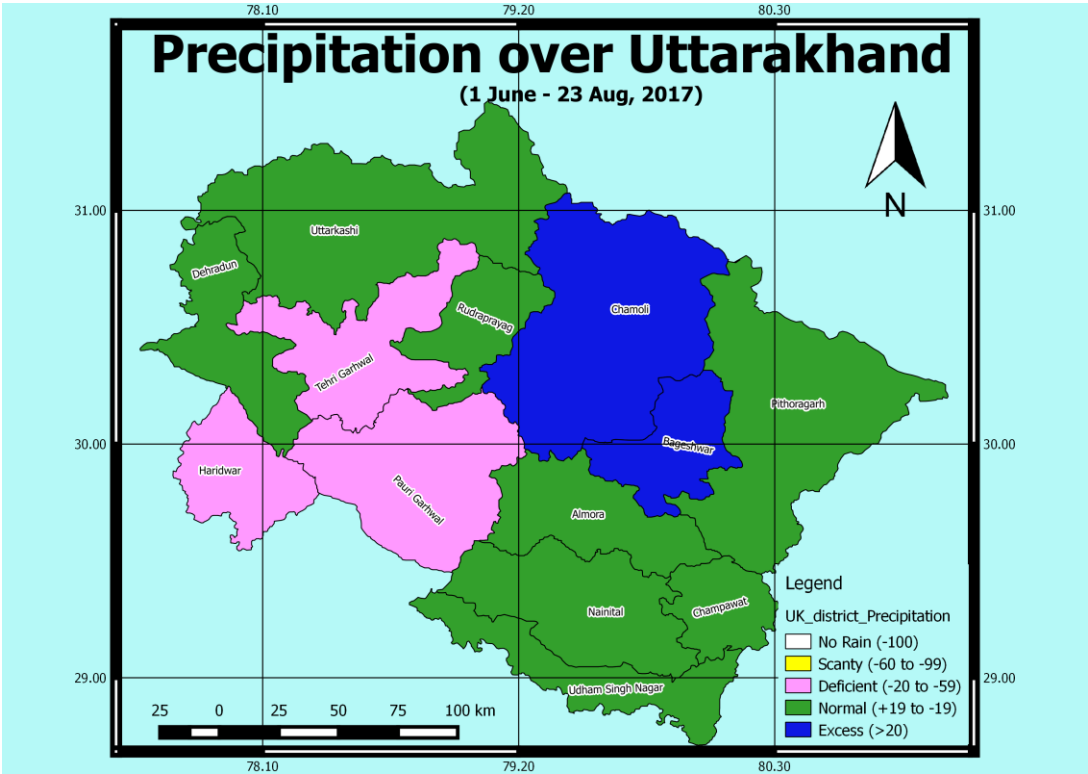
S. No.	Districts	Normal Rainfall (mm)	RD (%)	RD (%)	RD (%)	RD (%)	RD (%)	RD (%)	RD (%)	RD (%)	RD (%)	RD (%)	RD (%)	RD (%)	1 June - 23 August, 2017	
			(June-Sep)	1-7 June	1-14 June	1-21 June	1-28 June	1June - 5 July	1June - 12July	1 June - 19July	1June - 26July	1June - 2Aug	1June - 9Aug	1June - 16Aug	1June - 23Aug	Normal RF (mm)
1	Almora	858.4	50	10	-10	-12	-7	52	48	39	30	32	18	9	655.7	716.3
2	Bageshwar	858.4	39	18	-23	7	50	103	72	65	52	54	41	41	655.7	922.2
3	Chamoli	859.3	14	0	88	53	72	62	64	60	53	58	57	37	670	896.1
4	Champawat	1319.7	-	-	-	-	-	25	45	16	4	-1	11	11	994.1	1078.4
5	Dehradun	1802.1	11	2	31	30	55	69	87	47	22	9	13	5	1404.3	1377.1
6	Pauri Garhwal	1213.5	31	11	7	-33	-35	-22	-29	-36	-35	-19	-24	-31	930.9	646.3
7	Tehri Garhwal	1047.1	48	21	-30	-21	-18	10	-13	-16	-19	-20	-29	-35	802.9	524.9
8	Haridwar	961.9	89	19	-59	-41	27	8	-13	-25	-33	-27	-24	-27	733.5	536.8
9	Nainital	1439.1	27	5	-14	-29	9	70	36	25	10	15	16	9	1071.9	1172.2
10	Pithoragarh	1687.9	15	26	-43	-42	-27	1	0	-5	-7	-6	-2	0	1279	1273.4
11	Rudraprayag	1671.1	26	3	25	-15	9	23	21	7	-1	-1	1	-7	1319.1	1124.9
12	Udham Singh Nagar	1119.9	-	-	-	-	-	-	-	-	-	-	-	-	829.4	676.7
13	Uttarkashi	1148.6	12	6	53	26	12	22	9	13	13	13	4	-10	848.9	748.6

*RD= Rainfall Departure

LEGEND:	
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- 23 Aug, 2017)	Rainfall departure (%) (17-23 Aug, 2017)
Uttarakhand as a Whole	-4	-45
Kumaon Region	6	-25
Garhwal Region	-13	-60

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

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VALUE ADDED AT MC DEHRADUN

INDIA METEOROLOGICAL DEPARTMENT
NWP MODELS BASED DISTRICT LEVEL WEATHER PREDICTION
ISSUED ON: 25-08-2017
VALID TILL 08:30 IST OF THE NEXT 5 DAYS

STATE: UTTARAKHAND

PARAMETERS	ENSEMBLE FCST				
	DAY-1 26082017	DAY-2 27082017	DAY-3 28082017	DAY-4 29082017	DAY-5 30082017
DISTRICT: ALMORA					
Rainfall (mm)	25	30	30	10	15
Max Temperature (deg C)	27	26	26	27	27
Min Temperature (deg C)	16	14	16	17	17
Total cloud cover (octa)	7	8	8	7	7
Max Relative Humidity (%)	95	95	95	95	95
Min Relative Humidity (%)	65	65	65	65	65
Wind speed (kmph)	006	008	006	008	006
Wind direction (deg)	140	140	130	130	140
DISTRICT: BAGESHWAR					
Rainfall (mm)	45	50	50	30	35
Max Temperature (deg C)	27	26	26	27	27
Min Temperature (deg C)	17	17	17	17	18
Total cloud cover (octa)	7	8	8	8	8
Max Relative Humidity (%)	95	95	95	95	95
Min Relative Humidity (%)	65	65	65	65	65
Wind speed (kmph)	006	008	006	008	006
Wind direction (deg)	140	140	130	130	140
DISTRICT: CHAMOLI					
Rainfall (mm)	45	50	50	30	35
Max Temperature (deg C)	24	23	23	24	24
Min Temperature (deg C)	17	17	16	16	17
Total cloud cover (octa)	7	8	8	8	8

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Max Relative Humidity (%)	95	95	95	95	95
Min Relative Humidity (%)	65	65	65	65	65
Wind speed (kmph)	006	008	006	008	006
Wind direction (deg)	140	140	130	130	140

DISTRICT: CHAMPAWAT

Rainfall (mm)	15	20	20	10	15
Max Temperature (deg C)	21	20	21	21	22
Min Temperature (deg C)	14	14	14	15	15
Total cloud cover (octa)	7	8	8	7	7
Max Relative Humidity (%)	95	95	95	95	95
Min Relative Humidity (%)	65	65	65	65	65
Wind speed (kmph)	006	008	006	008	006
Wind direction (deg)	140	140	130	130	140

DISTRICT: DEHRADUN

Rainfall (mm)	35	25	30	10	25
Max Temperature (deg C)	29	30	30	31	31
Min Temperature (deg C)	23	23	24	24	24
Total cloud cover (octa)	7	8	8	7	7
Max Relative Humidity (%)	95	95	95	95	95
Min Relative Humidity (%)	65	65	65	65	65
Wind speed (kmph)	006	008	006	008	006
Wind direction (deg)	140	140	130	130	140

DISTRICT: HARIDWAR

Rainfall (mm)	15	15	20	05	10
Max Temperature (deg C)	31	31	31	32	33
Min Temperature (deg C)	23	23	24	24	24
Total cloud cover (octa)	7	8	8	7	7
Max Relative Humidity (%)	95	95	95	95	95
Min Relative Humidity (%)	65	65	65	65	65
Wind speed (kmph)	008	010	008	010	008
Wind direction (deg)	140	140	130	130	140

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DISTRICT: NAINITAL	26082017	27082017	28082017	29082017	30082017
Rainfall (mm)	35	40	30	10	25
Max Temperature (deg C)	21	20	21	21	22
Min Temperature (deg C)	14	14	14	15	15
Total cloud cover (octa)	7	8	8	7	7
Max Relative Humidity (%)	95	95	95	95	95
Min Relative Humidity (%)	65	65	65	65	65
Wind speed (kmph)	006	008	006	008	006
Wind direction (deg)	140	140	130	130	140

DISTRICT: PAURI GARHWAL					
Rainfall (mm)	25	20	30	10	15
Max Temperature (deg C)	23	23	23	24	24
Min Temperature (deg C)	16	16	15	16	16
Total cloud cover (octa)	7	8	8	7	7
Max Relative Humidity (%)	95	95	95	95	95
Min Relative Humidity (%)	65	65	65	65	65
Wind speed (kmph)	006	008	006	008	006
Wind direction (deg)	140	140	130	130	140

DISTRICT: PITHORAGARH					
Rainfall (mm)	45	50	50	30	35
Max Temperature (deg C)	27	26	26	27	27
Min Temperature (deg C)	17	17	17	17	18
Total cloud cover (octa)	7	8	8	8	8
Max Relative Humidity (%)	95	95	95	95	95
Min Relative Humidity (%)	65	65	65	65	65
Wind speed (kmph)	006	008	006	008	006
Wind direction (deg)	140	140	130	130	140

DISTRICT: RUDRAPRAYAG					
Rainfall (mm)	35	40	40	10	25
Max Temperature (deg C)	24	23	23	24	24
Min Temperature (deg C)	17	17	16	16	17
Total cloud cover (octa)	7	8	8	7	7
Max Relative Humidity (%)	95	95	95	95	95

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Min Relative Humidity (%)	65	65	65	65	65
Wind speed (kmph)	006	008	006	008	006
Wind direction (deg)	140	140	130	130	140

DISTRICT: TEHRI-GARHWAL

Rainfall (mm)	25	20	30	10	15
Max Temperature (deg C)	23	23	23	24	24
Min Temperature (deg C)	16	16	15	16	16
Total cloud cover (octa)	7	8	8	7	7
Max Relative Humidity (%)	95	95	95	95	95
Min Relative Humidity (%)	65	65	65	65	65
Wind speed (kmph)	006	008	006	008	006
Wind direction (deg)	140	140	130	130	140

DISTRICT: UDHAMSINGH-NGR

Rainfall (mm)	15	20	20	05	10
Max Temperature (deg C)	32	31	31	32	33
Min Temperature (deg C)	25	24	24	25	25
Total cloud cover (octa)	7	8	8	7	7
Max Relative Humidity (%)	95	95	95	95	95
Min Relative Humidity (%)	65	65	65	65	65
Wind speed (kmph)	010	012	008	012	008
Wind direction (deg)	140	140	130	130	140

DISTRICT: UTTARKASHI

Rainfall (mm)	35	40	40	10	25
Max Temperature (deg C)	24	23	23	24	24
Min Temperature (deg C)	17	17	16	16	17
Total cloud cover (octa)	7	8	8	7	7
Max Relative Humidity (%)	95	95	95	95	95
Min Relative Humidity (%)	65	65	65	65	65
Wind speed (kmph)	006	008	006	008	006
Wind direction (deg)	140	140	130	130	140

26082017

27082017

28082017

29082017

30082017
