

HYDROMET BULLETIN**1) Synoptic Situation: -**

◆ No significant synoptic situation prevails over the region.

2) a) River Sub-basin-wise Quantitative Precipitation Forecast (QPF)

S. No.	Basin Name	Sub-basin Name	QPF (mm)				
			Day-1 (31/10/2021)*	Day-2 (01/11/2021)*	Day-3 (02/11/2021)*	Day-4 (03/11/2021)*	Day-5 (04/11/2021)*
1.	Ganga	Kosi/Mahananda	0	0	0	0	0
2.		Bagmati/ Adhawara	0	0	0	0	0
3.		Gandak	0	0	0	0	0
4.		Sone	0	0	0	0	0
5.		Punpun/DhabNadi	0	0	0	0	0
6.		North Koel	0	0	0	0	0
7.		Kanhar	0	0	0	0	0
8.		Upper Sone	0	0	0	0	0

QPF categories (mm)	0	0.1-10	11-25	26-37	38-50	51-75	76-100	>100
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(*) - Forecast and Warning for any day is valid from 0830 hours IST of day till 0830 hours IST of next day

b) River Sub-basin-wise Intensity and Distribution of QPF

S. No.	Basin Name	Sub-basin Name	Intensity (I) and Spatial Distribution (D)									
			Day-1 (31/10/2021)*		Day-2 (01/11/2021)*		Day-3 (02/11/2021)*		Day-4 (03/11/2021)*		Day-5 (04/11/2021)*	
			I	D	I	D	I	D	I	D	I	D
1	Ganga	Kosi/Mahananda	M.Dry	DRY	M.Dry	DRY	M.Dry	DRY	M.Dry	DRY	M.Dry	DRY
2		Bagmati/ Adhawara	M.Dry	DRY	M.Dry	DRY	M.Dry	DRY	M.Dry	DRY	M.Dry	DRY
3		Gandak	M.Dry	DRY	M.Dry	DRY	M.Dry	DRY	M.Dry	DRY	M.Dry	DRY
4		Sone	M.Dry	DRY	M.Dry	DRY	M.Dry	DRY	M.Dry	DRY	M.Dry	DRY
5		Punpun/DhabNadi	M.Dry	DRY	M.Dry	DRY	M.Dry	DRY	M.Dry	DRY	M.Dry	DRY
6		North Koel	M.Dry	DRY	M.Dry	DRY	M.Dry	DRY	M.Dry	DRY	M.Dry	DRY
7		Kanhar	M.Dry	DRY	M.Dry	DRY	M.Dry	DRY	M.Dry	DRY	M.Dry	DRY
8		Upper Sone	M.Dry	DRY	M.Dry	DRY	M.Dry	DRY	M.Dry	DRY	M.Dry	DRY

Spatial Distribution		
DRY	Dry	No station reported rainfall
ISOL	One or two places	25% or less number of stations recorded rainfall 2.5 mm
SCT	At a few places	26%-50% number of stations recorded rainfall 2.5 mm
FWS	At many places	51%-75% number of stations recorded rainfall 2.5 mm
WS	At most places	76%-100% number of stations recorded rainfall 2.5 mm

Intensity					
M.Dry	NIL	0 cm	VL	Very Light Rainfall	Trace
L	Light Rainfall	Upto 1 cm	M	Moderate Rainfall	2-6 cm
H	Heavy Rainfall	7-11 cm	VH	Very Heavy rainfall	12-20 cm
EH	Extremely Heavy Rainfall	21 cm or more			
ExH	Exceptionally Heavy Rainfall	When the amount is a value near about the highest recorded rainfall at or near the station for the month or season. However, this term will be used only when the actual rainfall amount exceeds 12 cm.			

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3) River Sub-basin-wise Heavy Rainfall Warning

S. No.	Basin Name	Sub-basin Name	Day-1 (31/10/2021)*		Day-2 (01/11/2021)*		Day-3 (02/11/2021)*		Day-4 (03/11/2021)*		Day-5 (04/11/2021)*	
			I	D	I	D	I	D	I	D	I	D
1	Ganga	Kosi/Mahananda	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL
2		Bagmati/ Adhawara	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL
3		Gandak	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL
4		Sone	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL
5		Punpun/DhabNadi	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL
6		North Koel	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL
7		Kanhar	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL
8		Upper Sone	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

Probability of occurrence (%)	0-5	5-25	25-50	50-75	75-100
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4) River Sub-basin-wise Probabilistic QPF

Basin Name	Sub-basin Name	QPF Probability (%)																												
		Day-1 (31/10/2021)*					Day-2 (01/11/2021)*					Day-3 (02/11/2021)*					Day-4 (03/11/2021)*					Day-5 (04/11/2021)*								
		0	0.1-10	11-25	26-50	51-100	>100	0	0.1-10	11-25	26-50	51-100	>100	0	0.1-10	11-25	26-50	51-100	>100	0	0.1-10	11-25	26-50	51-100	>100	0	0.1-10	11-25	26-50	51-100
Ganga	Kosi/Mahananda																													
	Bagmati/ Adhawara																													
	Gandak																													
	Sone																													
	Punpun/DhabNadi																													
	North Koel																													
	Kanhar																													
	Upper Sone																													



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5) Outlook for subsequent two days

S No	Basin Name	Sub-basin Name	OUTLOOK	
			Day-7 (05/11/2021)*	Day-8 (06/11/2021)*
1	Ganga	Kosi/Mahananda	NLC	NLC
2		Bagmati/ Adhawara	NLC	NLC
3		Gandak	NLC	NLC
4		Sone	NLC	NLC
5		Punpun/DhabNadi	NLC	NLC
6		North Koel	NLC	NLC
7		Kanhar	NLC	NLC
8		Upper Sone	NLC	NLC

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6) Station-wise significant rainfall recorded at 0830 hrs IST of today

S. No		Name of Sub-Basin	Name of Station and Rainfall (≥ 5 cm.)
1	Ganga	Kosi/Mahananda	NIL
2		Bagmati/ Adhawara	NIL
3		Gandak	NIL
4		Sone	NIL
5		Punpun/DhabNadi	NIL
6		North Koel	NIL
7		Kanhar	NIL
8		Upper Sone	NIL

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7) River Sub-basin-wise observed Average Areal Precipitation (AAP) of today

S. No.	Basin Name	Sub-basin Name	AAP (mm)
1	Ganga	Kosi/Mahananda	0.0
2		Bagmati/ Adhawara	0.0
3		Gandak	0.0
4		Sone	0.0
5		Punpun/DhabNadi	0.0
6		North Koel	0.0
7		Kanhar	0.0
8		Upper Sone	0.0

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