## **DAILY WEATHER SUMMARY**

## Saturday, 30<sup>th</sup> October 2021 (8<sup>th</sup> Kartika 1943 Saka)

Summary of observations recorded at 0830 hours IST: The Low pressure area over southwest Bay of Bengal, adjoining Sri Lanka off Tamil Nadu coast lay over Sri Lanka off Tamil Nadu coast today morning with the associated cyclonic circulation extended upto 3.1 km above m.s.l. It then persisted. It is likely to move slowly westwards during next 3-4 days. The trough in easterlies from the cyclonic circulation associated with the Low pressure area over Sri Lanka off Tamil Nadu coast to north coastal Andhra Pradesh became less marked.

Day temperatures were above normal (1.6°C to 3.0°C) at many places over Assam and Meghalaya; at a few places over Konkan, Goa, coastal Karnataka, Gangetic West Bengal, Nagaland, Manipur, Mizoram and Tripura; at isolated places over Sub Himalayan West Bengal and Sikkim. They were appreciably below normal (-3.1°C to -5.0°C) at a few places over west Madhya Pradesh; at isolated places over Tamil Nadu, Puducherry and Karaikal; below normal (-1.6°C to -3.0°C) at most places over east Rajasthan; at many places over east Madhya Pradesh; at a few places over west Rajasthan, coastal Andhra Pradesh, Yanam, Andaman and Nicobar Islands; at isolated places over Jammu-Kashmir and Ladakh, Gilgit-Baltistan, Muzaffarabad, west Uttar Pradesh, Gujarat State, Madhya Maharashtra, Kerala, Mahe, Odisha and near normal over the rest parts of the country. The maximum temperature of 36.4°C was reported at Bhuj (Saurashtra and Kutch).

Night temperatures were appreciably above normal (3.1°C to 5.0°C) at many places over Nagaland, Manipur, Mizoram and Tripura; at isolated places over Odisha; above normal (1.6°C to 3.0°C) at most places over Rayalaseema and south interior Karnataka; at many places over Punjab, Jharkhand and coastal Karnataka; at a few places over west Rajasthan, Assam, Meghalaya, coastal Andhra Pradesh, Yanam, Telangana, Madhya Maharashtra, Andaman and Nicobar Islands; at isolated places over Kerala, Mahe, Tamil Nadu, Puducherry and Karaikal. They were appreciably below normal (-3.1°C to -5.0°C) at a few places over east Rajasthan; at isolated places over Saurashtra and Kutch; below normal (-1.6°C to -3.0°C) at many places over Haryana, Chandigarh, Delhi, Madhya Pradesh and Vidarbha; at a few places over east Uttar Pradesh, Bihar and Gujarat Region; at isolated places Jammu-Kashmir and Ladakh, Gilgit-Baltistan, Muzaffarabad, west Uttar Pradesh and near normal over the rest parts of the country. The lowest minimum temperature of 10.0°C is reported at Sikar (east Rajasthan) over the plains of the country.

Thunderstorm observed (from 0830 hrs IST of yesterday to 0830 hours IST of today):at isolated places over south Odisha, Tamil Nadu, Rayalaseema, coastal Andhra Pradesh, Kerala and Mahe.

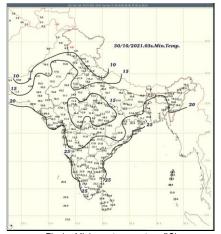


Fig.1a: Minimum temperature (°C)

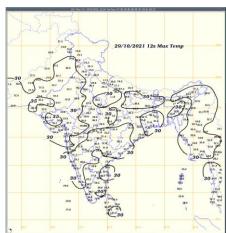


Fig.2a: Maximum temperature (°C)

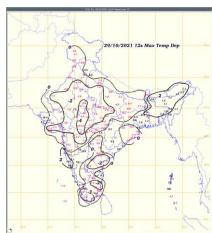


Fig.2b: Maximum temperature departure(°C)

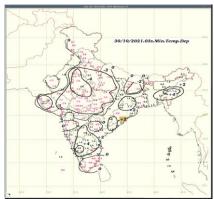


Fig.1b:Minimum temperature departure (°C)

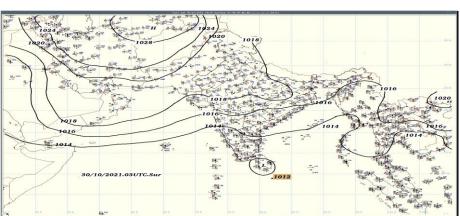


Fig.3: Analysed surface chart based on 03z observation

Indian Regions	Table 1. Realised rainfall (chief amount in cm during past 24 hrs)
East	isolated places: Nagaland-Manipur-Mizoram-Tripura and Odisha+ dry weather: Arunachal Pradesh, Assam & Meghalaya, Sub-Himalayan West Bengal & Sikkim, Gangetic West Bengal, Jharkhand and Bihar
	Kashinagar 8.5, Gopalpur 8.1, Chhatrapur 6.7, Kiphire 0.7, Ukhrukl 0.5, Imphal t-aero 0.2.
North	dry weather: Uttar Pradesh, Uttarakhand, Haryana, Punjab, Himachal Pradesh, Jammu-Kashmir and Ladakh and Rajasthan
Central	dry weather: Madhya Pradesh, Vidarbha and Chhattisgarh
	most places: coastal Andhra Pradesh++, Rayalaseema+++ and Tamil Nadu+++
	many places: south interior Karnataka and Kerala+++
	a few places: coastal Karnataka
Peninsula	isolated places: Telangana and north interior Karnataka•
	dry weather: Gujarat Region, Saurashtra & Kutch, Konkan & Goa, Madhya Maharashtra and Marathwada
	Srivaikuntam 18.4, Parangipettai & Tuticorin 16.8 each, Kamalapuram 15.9, Varkala 12.2, Yanam 11.8, Trivandrum AP 9.0, Neyyattinkara 7.6, Veeraghattam & Porumamilla 7.5 each, Tirupati aero
	5.6, Gannavaram aero 4.0, Aswaraopeta 3.0, Saligrama 2.8, Kunigal 2.7, Aswaraopet(A) 2.6, Subramanya 2.2, Chintamani pto 1.9, Sulya 1.6, Khammam urban 0.8, Raichur 0.2, Mangaluru AP
	obsy, Honnatti & Mahagoan 0.1 each.
	most places: Lakshadweep*
Islands	a few places: Andaman & Nicobar
	Carnicobar 1.2, Hut bay & Amini Devi 0.2 each, Minicoy & Port blair 0.1 each.

Table 2. Forecast / warnings (distribution of rain / thundershowers) for 5 days (valid from time of origin upto 0830 hrs IST of next day)

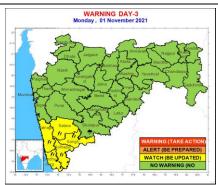
Sr.	Sub-division Name	Day 1	Day 2	Day 3	Day 4	Day 5	Sr No	Sr. No. Sub-division Name		Day 2	Day 3	Day 4	Day 5
No.	Sub-division Name	30 Oct	31 Oct	1 Nov	2 Nov	3 Nov	31. NO.			31 Oct	1 Nov	2 Nov	3 Nov
1	Andaman Nicobar Islands	F	S	S	S	S	19	west Madhya Pradesh	D	D	D	D	D
2	Arunachal Pradesh	D	I	I	D	D	20	east Madhya Pradesh	D	D	D	D	D
3	Assam-Meghalaya	D	D	D	D	D	21	Gujarat Region	D	D	D	D	D
4	Nagaland-Manipur-Mizoram-Tripura	I	D	D	D	D	22	Saurashtra-Kutch	D	D	D	D	D
5	Sub Himalayan West Bengal/Sikkim	I	I	l	D	l	23	Konkan and Goa	۱۲ٔ	ا أُد	ווי	s Ř	sΚ
6	Gangetic West Bengal	D	D	D	D	D	24	Madhya Maharashtra	D	l	1	ا أد	ו ל
7	Odisha	I	I	l	+	l	25	Marathwada	D	D	D	l	זֿו
8	Jharkhand	D	D	D	D	D	26	Vidarbha	D	D	D	l	I
9	Bihar	D	D	D	D	D	27	Chhattisgarh	D	I	I	I	I
10	east Uttar Pradesh	D	D	D	D	D	28	coastal Andhra Pradesh & Yanam	F+ K	F+ ĸ	w ++ Й	w + K	F+ K
11	west Uttar Pradesh	D	D	D	D	D	29	Telangana	I	l	sΚ	F+ K	F+ K
12	Uttarakhand	D	D	D	D	D	30	Rayalaseema	F+	F+ ĸ	F+ ĸ	F+ ĸ	FΚ̈́
13	Haryana, Chandigarh and Delhi	D	D	D	D	D	31	Tamil Nadu, Puducherry & Karaikal	w# r๋̄	w ++ ∱	w ++ Й	w + K	₩ +   <b>Č</b>
14	Punjab	D	D	D	D	D	32	coastal Karnataka	S	F	FΚ	w + K	w + 1
15	Himachal Pradesh	D	D	l	I	D	33	north interior Karnataka	I	l	S	S	S
16	Jammu-Kashmir and Ladakh	D	D		I	D	34	south interior Karnataka	S	sΚ	F+ K	w + 1	W + K
17	west Rajasthan	D	D	D	D	D	35	Kerala-Mahe	W++ K	₩ ++   <b>©</b>	++ W	W++ K	W+ (CD) +
18	east Rajasthan	D	D	D	D	D	36	Lakshadweep	W T	w r • • •	W+ K 400	F ( T T )	F ( TO)

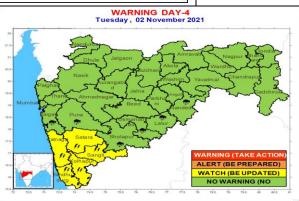
Legends: D = Dry | I = Isolated | S = Scattered | F = Fairty widespread | W = Widespread | #= heavy to very heavy rain at a few places with extreamly heavy rain at a few places with very heavy rai

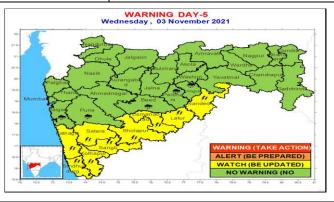
Fig. 4: Districtwise warnings for five days for Maharashtra State











	Pune, Lohegaon and Pashan observations at 0830 hrs. IST of Today											
		Humidity (%)				Rainfall (mm)						
	Max. past 24 hrs	Dep. from normal	Min. past 24 hrs.	Dep. from normal	Dry Bulb	At 0830 hrs. IST	Dep. From normal	At 1730 hrs. IST of y'day	Dep. from normal	Past 24 hrs.	Since 1 <sup>st</sup> Oct.	Dep. from normal
PNE	30.9	-0.4	14.4*	-1.4	19.8	77	2.0	45	1.0	0.0	139.7	63.2
PSN	30.0		14.8*	-	18.0	83	-	44	-	0.0	88.7	-
LHG	30.5	-1.5	16.3*	-0.7	22.5	44	-27	35	-7	0.0	166.6	111.6

Local	(Pune and	neighbourhood)	forecast
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Max./Min. Temperature (°C)							W. d			
Date (Oct' 21)	Pune	Pashan	Lohegaon	Chinchwad	Lavale	Magarpatta	Weather			
30/10	31/14.4*	30/14.8*	31/16.3*	32/19.6*	30/18.1*	31/20.2*	Mainly clear sky becoming partly cloudy towards afternoon.			
31/10	31/15	29/15	31/16	32/20	30/19	31/21	Partly cloudy sky .			
1/11	30/16	29/16	30/17	31/21	29/20	30/22	Partly cloudy sky, light rain likely.			
2/11	29/17	28/17	29/18	30/21	29/20	30/22	Partly cloudy sky becoming generally cloudy towards afternoon/ evening, thundery activity, light rain likely.			
3/11	29/18	27/17	29/19	30/22	28/21	29/22	Partly cloudy sky becoming generally cloudy towards afternoon/ evening, thundery activity, light rain likely.			
4/11	30/17	29/18	30/19	31/21	29/21		Partly cloudy sky becoming generally cloudy towards afternoon/ evening, thundery activity, very light to light rain likely.			
5/11	30/17	29/18	31/18	31/21	30/20		Partly cloudy sky becoming generally cloudy towards afternoon/ evening, thundery activity, very light to light rain likely.			

		M	lumbai (Colaba)	Nagpur (AP)			
Date	Tmax °C	Tmin °C	Weather	Tmax °C	Tmin °C	Weather	
30.10.2021	33	24	Mainly clear sky.	31	15	Mainly clear sky.	
31.10.2021	34	24	Mainly clear sky.	31	15	Mainly clear sky.	
01.11.2021	33	25	Mainly clear sky.	31	15	Mainly clear sky.	
02.11.2021	33	26	Partly cloudy sky.	32	17	Mainly clear sky.	
03.11.2021	32	25	Partly cloudy sky.	32	18	Mainly clear sky.	
04.11.2021	32	25	Partly cloudy sky.	31	18	Mainly clear sky.	
05.11.2021	32	25	Partly cloudy sky.	31	17	Mainly clear sky.	

Widespread (W)	76 - 100
Fairly widespread (F)	51 - 75
Sattered (S)	26 - 50
Isolated (I)	1 - 25
D	No Rain
Pr	obability Terms in %:
unlikely	< 25
likely	between 25, 50
very likely	between 51, 75
most likely	>75

Very light rain	trace to 2.4
Light rain	2.5 to 15.5
Moderate rain	15.6 to 64.4
Heavy rain	64.5 to 115.5
Very heavy rain	115.6 to 204.4
Extremely heavy rain	≥ 204.5
Heavy snow	6.5 to 11.5 cms water equivalent of rain
Very heavy snow	11.6 to 20.4 cms water equivalent of rain
	Light rain Moderate rain Heavy rain Very heavy rain Extremely heavy rain Heavy snow