

Wednesday, 14th November 2018 (23rd Kartika 1940 Saka)

Summary of observations recorded at 0830 hrs: The Cyclonic Storm 'Gaja' over westcentral and adjoining eastcentral and south Bay of Bengal moved west-southwestwards and lay centered at 1730 hrs. IST of yesterday 13th November, 2018 over west central and adjoining east central and south Bay of Bengal near Lat. 13.4°N / Long. 86.0°E, about 600 kms east-northeast of Chennai (Tamil Nadu) and 720 kms northeast of Nagapattinam (Tamil Nadu). Further it moved west-southwestwards and lies centered at 0830 hrs IST of today, the 14th November, 2018 over westcentral and adjoining south Bay of Bengal near Lat. 13.0°N / Long. 85.1°E, about 520 kms east of Chennai (Tamil Nadu) and 620 kms east-northeast of Nagapattinam (Tamil Nadu). It is likely to move west-southwestwards and intensify further into a Severe Cyclonic Storm during next 12 hours. While moving west-southwestwards further, it is likely to weaken gradually on 15th November and cross Tamil Nadu coast between Pamban and Cuddalore as a Cyclonic Storm during 15th November evening. The remnant of the above system after landfall is likely to emerge as a low pressure area over southeast Arabian Sea around 17th November 2018. A cyclonic circulation at 3.1 kms above m.s.l. lies over north Kerala coast and neighbourhood. The western disturbance as an upper air cyclonic circulation over north Pakistan and neighbourhood now lies over Jammu & Kashmir and neighbourhood between 3.1 & 3.6 kms above m.s.l. The induced cyclonic circulation over west Rajasthan and neighbourhood now lies over north Rajasthan and neighbourhood and extends upto 1.5 kms above m.s.l. Above two systems are likely to move east-northeastwards. The cyclonic circulation over south interior Karnataka and neighbourhood has become less marked. The cyclonic circulation over northeast Bangla Desh and neighbourhood has also become less marked.

Night temperatures were appreciably to markedly below normal in some parts of west Rajasthan and of south interior Karnataka; appreciably below normal in some parts of east Rajasthan, Madhya Pradesh, Konkan & Goa, Vidarbha, Chhattisgarh, Telangana, Rayalaseema and of north interior Karnataka and in remaining parts of south interior Karnataka; were below normal in some parts of Gangetic West Bengal, Odisha, Madhya Maharashtra, Marathwada, coastal Andhra Pradesh, Tamil Nadu and of coastal Karnataka and in remaining parts of west Rajasthan, Vidarbha and of Telangana. They were appreciably above normal in some parts of Uttar Pradesh, Haryana, Chandigarh & Delhi, Punjab and of Saurashtra & Kutch and in remaining parts of east Rajasthan and of west Madhya Pradesh; above normal in some parts of Arunachal Pradesh, Bihar, Uttarakhand and of Himachal Pradesh and in remaining parts of Uttar Pradesh and of Tamil Nadu. They were normal over the rest of the region. **The lowest minimum temperature recorded was 7.8° C at Adilabad (Telangana).**

Indian Regions	Realised rainfall & Chief amounts (in cms) during past 24 hrs
East	isolated places: Arunachal Pradesh, Assam & Meghalaya, Sub-Himalayan West Bengal & Sikkim. dry weather: Nagaland-Manipur-Mizoram-Tripura, Gangetic West Bengal, Odisha, Jharkhand, Bihar. <i>Barapani 2.6, Mangan 1.0, Koloriang 0.4, Tuting 0.2.</i>
North	most places: Jammu & Kashmir; a few places: Haryana; isolated places: west Uttar Pradesh*, Uttarakhand, Himachal Pradesh, Rajasthan. dry weather: east Uttar Pradesh, Punjab. <i>Manali 1.5, Behror 1.3, Loharu 1.0, Bhiwani, Chamoli & Malsisar 0.9 each, Quazigund 0.8, Champawat & N.Delhi (SFD) 0.7 each, Pilani 0.6, Saloni 0.5, Gulmarg 0.4, Churu 0.3, Shimla 0.1.</i>
Central	dry weather
Peninsula	isolated places: Tamil Nadu, coastal Karnataka*. dry weather: Gujarat State, Konkan & Goa, Madhya Maharashtra, Marathwada, coastal Andhra Pradesh, Telangana, Rayalaseema, Interior Karnataka, Kerala. <i>Sivagiri 0.8, Tiruchendur 0.4.</i>
Islands	many places: Andaman & Nicobar. dry weather: Lakshadweep. <i>Hut Bay 0.9, Port Blair 0.7.</i>

Legends: ♦ = light rain

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Issued at 1245 hrs. IST

S No.	Sub Division Name	Forecast Distribution of Rain / thundershowers for 5 days (Valid from Time of Origin upto 0830 hrs IST of next day)				
		Day 1	Day 2	Day 3	Day 4	Day 5
		14 th Nov.	15 th Nov.	16 th Nov.	17 th Nov.	18 th Nov.
1	Andaman / Nicobar Islands	Sc	Sc	Sc	Fw	Fw
2	Arunachal Pradesh	Iso	Sc	Fw	Sc	Iso
3	Assam & Meghalaya	Iso	Iso	Iso	Iso	Dry
4	Nagaland-Manipur-Mizoram-Tripura	Dry	Dry	Dry	Dry	Dry
5	Sub-Himalayan West Bengal/Sikkim	Iso	Iso	Iso	Iso	Iso
6	Gangetic West Bengal	Dry	Dry	Dry	Dry	Dry
7	Odisha	Dry	Dry	Dry	Dry	Dry
8	Jharkhand	Dry	Dry	Dry	Dry	Dry
9	Bihar	Dry	Dry	Dry	Dry	Dry
10	east Uttar Pradesh	Iso	Dry	Dry	Dry	Dry
11	west Uttar Pradesh	Iso	Dry	Dry	Dry	Dry
12	Uttarakhand ●/*	Sc	Dry	Dry	Dry	Dry
13	Haryana, Chandigarh & Delhi	Iso	Dry	Dry	Dry	Dry
14	Punjab	Iso	Dry	Dry	Dry	Dry
15	Himachal Pradesh ●/*	Fw	Iso	Dry	Dry	Dry
16	Jammu & Kashmir ●/*	Fw	Iso	Dry	Iso	Iso
17	west Rajasthan	Dry	Dry	Dry	Dry	Dry
18	east Rajasthan	Iso	Dry	Dry	Dry	Dry
19	west Madhya Pradesh	Dry	Dry	Dry	Dry	Dry
20	east Madhya Pradesh	Dry	Dry	Dry	Dry	Dry
21	Gujarat Region	Dry	Dry	Dry	Dry	Dry
22	Saurashtra / Kutch	Dry	Dry	Dry	Dry	Dry
23	Konkan & Goa	Dry	Dry	Dry	Dry	Iso
24	Madhya Maharashtra	Dry	Dry	Dry	Dry	Iso
25	Marathwada	Dry	Dry	Dry	Dry	Dry
26	Vidarbha	Dry	Dry	Dry	Dry	Dry
27	Chhattisgarh	Dry	Dry	Dry	Dry	Dry
28	coastal Andhra Pradesh	Iso [€]	Sc [€]	Sc [€]	Iso	Iso
29	Telangana	Dry	Dry	Iso	Iso	Dry
30	Rayalaseema	Dry	Sc [€]	Sc	Iso	Iso
31	Tamil Nadu & Puducherry	Iso [€]	Fw [€]	W [€]	Fw	Fw
32	coastal Karnataka	Iso	Iso	Iso	Sc	Iso
33	north interior Karnataka	Dry	Dry	Dry	Iso	Dry
34	south interior Karnataka	Dry	Iso	Fw [€]	Fw	Sc
35	Kerala	Iso	Sc [€]	W [€]	W [€]	Fw
36	Lakshadweep	Dry	Iso	Sc	W [€]	W

Legends: Probability of occurrence may be taken as **very likely** (probability between 51 & 75%), unless specified otherwise●/* = rain/snow Weather warning on page 3.

Warning (valid upto 0830 hrs IST of next day):

Day 1 (14th Nov.): Gale wind speed reaching 90-100 kmph gusting to 110 kmph very likely over southwest & adjoining southeast and westcentral Bay of Bengal from evening.

Squally winds speed reaching 45-55 kmph gusting to 65 kmph very likely along & off Tamil Nadu & Puducherry and adjoining south Andhra Pradesh coasts from evening.

Sea condition likely to be very high over southwest & adjoining southeast & westcentral Bay of Bengal and rough to very rough along & off Tamil Nadu-south Andhra Pradesh coast from evening. Fishermen are advised not to venture into the above mentioned areas.

Total suspension of fishing operations along & off Tamil Nadu and adjoining Andhra Pradesh coasts.

Day 2 (15th Nov.): Heavy to very heavy rain at a few places with extremely heavy rain at isolated places very likely over Tamil Nadu.

Heavy rain very likely at isolated places over south coastal Andhra Pradesh, Rayalaseema and Kerala.

Gale wind speed reaching 80-90 kmph gusting to 100 kmph likely along & off central parts of Tamil Nadu & Puducherry coasts.

Sea condition very likely to be high along & off Tamil Nadu & Puducherry coasts and southwest Bay of Bengal. Fishermen are advised not to venture into the above mentioned areas.

Total suspension of fishing operations along & off Tamil Nadu and adjoining Andhra Pradesh coasts.

Day 3 (16th Nov.): Heavy at a few places with very heavy rain at isolated places likely over Tamil Nadu.

Heavy to very heavy rain likely at isolated places over Kerala.

Heavy rain at isolated places likely over coastal Andhra Pradesh and south interior Karnataka.

Strong wind speed reaching 30-40 kmph gusting to 50 kmph likely over interior Tamil Nadu, south Kerala, southeast Arabian Sea along & off Kerala coast, Comorin area, Gulf of Mannar and Palk Strait.

Day 4 (17th Nov.): Heavy rain at isolated places likely over Lakshadweep.

Strong wind speed reaching 30-40 kmph gusting to 50 kmph likely over southeast Arabian Sea and along & off Kerala coast.

Day 5 (18th Nov.): Strong wind speed reaching 30-40 kmph gusting to 50 kmph likely over southeast Arabian Sea.

Weather Outlook for the subsequent 2 days (19th & 20th Nov. 2018) :

The remnant low pressure area is likely to become more marked over southeast Arabian Sea and move away westwards. Fairly widespread rainfall activity likely over southern most peninsular India and Lakshadweep. Isolated precipitation likely over western Himalayan region and isolated to scattered rainfall over Andaman & Nicobar Islands. Dry weather likely over the rest of the country.

Pune, Lohegaon and Pashan observations at 0830 hrs. IST of Today												
	Temperature (°C)					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 st Oct.	Dep. from normal
PNE	32.6	+2.3	13.7	-1.0	19.8	77	+2	26	-18	0.0	40.0	-58.3
LHG	33.2	+2.2	15.8	+0.8	22.4	65	-1	20	-17	0.0	61.2	-38.8
PSN	32.0		13.4		17.4	86	-	40	-	0.0	31.0	-

Local (Pune and neighbourhood) forecast

Date	Max. Temp. (°C)	Min. Temp. (°C)	Weather
14.11.2018	32	13.7*	Mainly clear skies.
15.11.2018	32	13	Mainly clear skies.
16.11.2018	32	14	Mainly clear skies.
17.11.2018	32	14	Mainly clear skies.
18.11.2018	32	14	Mainly clear skies.
19.11.2018	32	14	Mainly clear skies.
20.11.2018	32	14	Mainly clear skies.

Legends: * = Realised minimum temperature.

Rainfall / Snowfall Intensity

	% of stations reporting weather
Widespread (W)	76 - 100
Fairly widespread (Fw)	51 - 75
Scattered (Sc)	26 - 50
Isolated (Iso)	1 - 25
Dry	No Rain

Probability Terms in %:	
unlikely	< 25
likely	between 25 & 50
very likely	between 51 & 75
most likely	>75

Descriptive term	Rainfall amount in mms
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