

NICR

NCDEX Group Company

Weekly Monsoon, and
Crop Progress Report
July 11, 2022



Monsoon 2022

Long Range Forecast for the 2022 Southwest Monsoon Rainfall

The India Meteorological Department has raised its forecast on southwest monsoon rainfall to 103% of the long-period average. That means from June to September 2022, the countrywide precipitation is likely to be 103% of the Long Period Average (LPA) with a model error of $\pm 4\%$. Earlier, the department had forecast Jun-Sep rainfall to be 99% of the long-period average. The weather bureau classifies rainfall between 96% and 104% of the long-period average as normal. It expects monsoon to be above normal over central India and south peninsula and normal over northeast India and northwest India during the season.

According to the IMD, La Nina conditions over equatorial Pacific Ocean and neutral Indian Ocean Dipole conditions are likely to continue during monsoon season. La Nina conditions are generally associated with good monsoon rainfall and negative Indian Ocean Dipole conditions are associated with weak rains.

The long-range forecasts are as follows:

Region	Date	Period	Forecast (% of LPA)	Normal (mm)	Model error
All India	Apr 14	Jun-Sep	99	868.6	5%
All India	May 31	Jun-Sep	103	868.6	4%
Northwest India	May 31	Jun-Sep	92-108	587.6	
Northeast India	May 31	Jun-Sep	96-106	1367.3	
Southern Peninsula	May 31	Jun-Sep	Above 106	716.2	
Central India	May 31	Jun-Sep	Above 106	978.0	
Monsoon Core Zone	May 31	Jun-Sep	Above 106		

Progress of Monsoon 2022

According to the India Meteorological Department, a Low Pressure Area lies over coastal areas of south Odisha-north Andhra Pradesh & neighbourhood with the associated cyclonic circulation extending upto upper tropospheric levels tilting south-westwards with height. The monsoon trough is active and south of its normal position.

An east-west shear zone runs roughly along 20°N in lower & mid tropospheric levels tilting south-westwards with height across North Peninsular India. An off-shore trough at mean sea level runs from Gujarat coast to north Kerala coast.

Progress of the Monsoon: (As on July 10, 2022)

- Rainfall/thundershower observed at most places over Gujarat, Konkan & Goa, Madhya Maharashtra, Telangana and Coastal Karnataka; at many places over East Rajasthan, Marathwada, Vidarbha, Gangetic West Bengal, North Interior Karnataka, Kerala & Mahe and Andaman & Nicobar Islands; at a few places over Himachal Pradesh, Haryana, Chandigarh & Delhi, West Rajasthan, East Madhya Pradesh, Assam & Meghalaya, Odisha, Chhattisgarh, Coastal Andhra Pradesh & Yanam and Tamilnadu, Puducherry & Karaikal; at isolated places over Jammu, Kashmir, Ladakh, Gilgit-Baltistan & Muzaffarabad, Uttarakhand, West Madhya Pradesh, Sub-Himalayan West Bengal & Sikkim, Jharkhand, West Uttar Pradesh, South Interior Karnataka, Rayalaseema and Lakshadweep. Heavy rainfall at isolated places over West Rajasthan, Himachal Pradesh and Telangana were observed.

- Minimum temperatures were appreciably above normal at many places over Sub-Himalayan West Bengal & Sikkim, Jammu, Kashmir, Ladakh, Gilgit, Baltistan & Muzaffarabad, East Uttar Pradesh and Arunachal Pradesh; at a few places over Bihar, Assam & Meghalaya and Andaman & Nicobar Islands; at isolated places over East Rajasthan.
- Minimum temperatures were appreciably below normal at many places over West Madhya Pradesh and Telangana, Coastal Andhra Pradesh & Yanam; at a few places over Gujarat State and at isolated places over East Madhya Pradesh and Tamilnadu, Puducherry & Karaikal and near normal over rest parts of the country.
- Maximum temperatures were above normal at most places over East Uttar Pradesh and Bihar, Sub-Himalayan West Bengal & Sikkim, Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura; at a few places over East Madhya Pradesh, Odisha and Gangetic West Bengal, at isolated places over Tamilnadu, Puducherry & Karaikal.
- Maximum temperatures were markedly below normal at most places over Marathwada and Telangana, at most places over East Rajasthan, Rayalaseema and Coastal Andhra Pradesh & Yanam, Vidarbha, Konkan & Goa and Madhya Maharashtra; at a few places over Saurashtra & Kutch, at most places over Gujarat Region, interior Karnataka and Telangana, over Punjab, Haryana, Chandigarh & Delhi; at a few places over Jammu, Kashmir, Ladakh, Gilgit-Baltistan & Muzaffarabad, Himachal Pradesh, Coastal Karnataka and Andaman & Nicobar Islands and near normal over rest parts of the country.

Monsoon Forecast for the week of 11th July to 16th July 2022

- Widespread rainfall & thunderstorm/lightning with isolated heavy rainfall very likely over Chhattisgarh, Vidarbha, Madhya Pradesh, Odisha, Maharashtra, Gujarat state, Kerala & Mahe, Coastal Andhra Pradesh & Yanam, Telangana and Karnataka during next 4-5 days
- Very heavy rainfall highly likely over Saurashtra & Kutch and Marathawada on 11th & 12th; Coastal Karnataka on 14th & 15th; Kerala & Mahe during 13th-15th; Interior Karnataka on 11th; West Madhya Pradesh on 12th; East Madhya Pradesh on 11th; Odisha during 12th-15th; Vidarbha on 13th; Coastal Andhra Pradesh & Yanam and Chhattisgarh on 12th & 13th July, 2022.
- Isolated/Scattered heavy to very heavy rainfall with isolated extremely heavy rainfall also likely over Telangana during 11th-12th; Gujarat Region, ghat areas of Madhya Maharashtra and Konkan & Goa during 11th-15th; Saurashtra & Kutch during 13th-15th; Coastal Karnataka during 11th-13th, Chhattisgarh & Coastal Andhra Pradesh on 11th; Vidarbha during 11th - 12th July, 2022.
- Isolated/scattered rainfall activity very likely over Rayalaseema and Tamil Nadu, Puducherry & Karaikal during next 5 days.
- Isolated heavy rainfall very likely over Jammu & Kashmir on 11th; Himachal Pradesh during 11th- 13th and over Uttarakhand during 11th- 15th July, 2022.
- Scattered/fairly rainfall activity with isolated thunderstorm/lightning very likely Punjab, Haryana, Chandigarh and Rajasthan and isolated/scattered over Uttar Pradesh during next 5 days.
- Isolated heavy rainfall likely over Punjab and Haryana-Chandigarh during 13th-15th and over East Rajasthan during 11th-15th July, 2022.

Outlook for Rainfall

11-July-2022

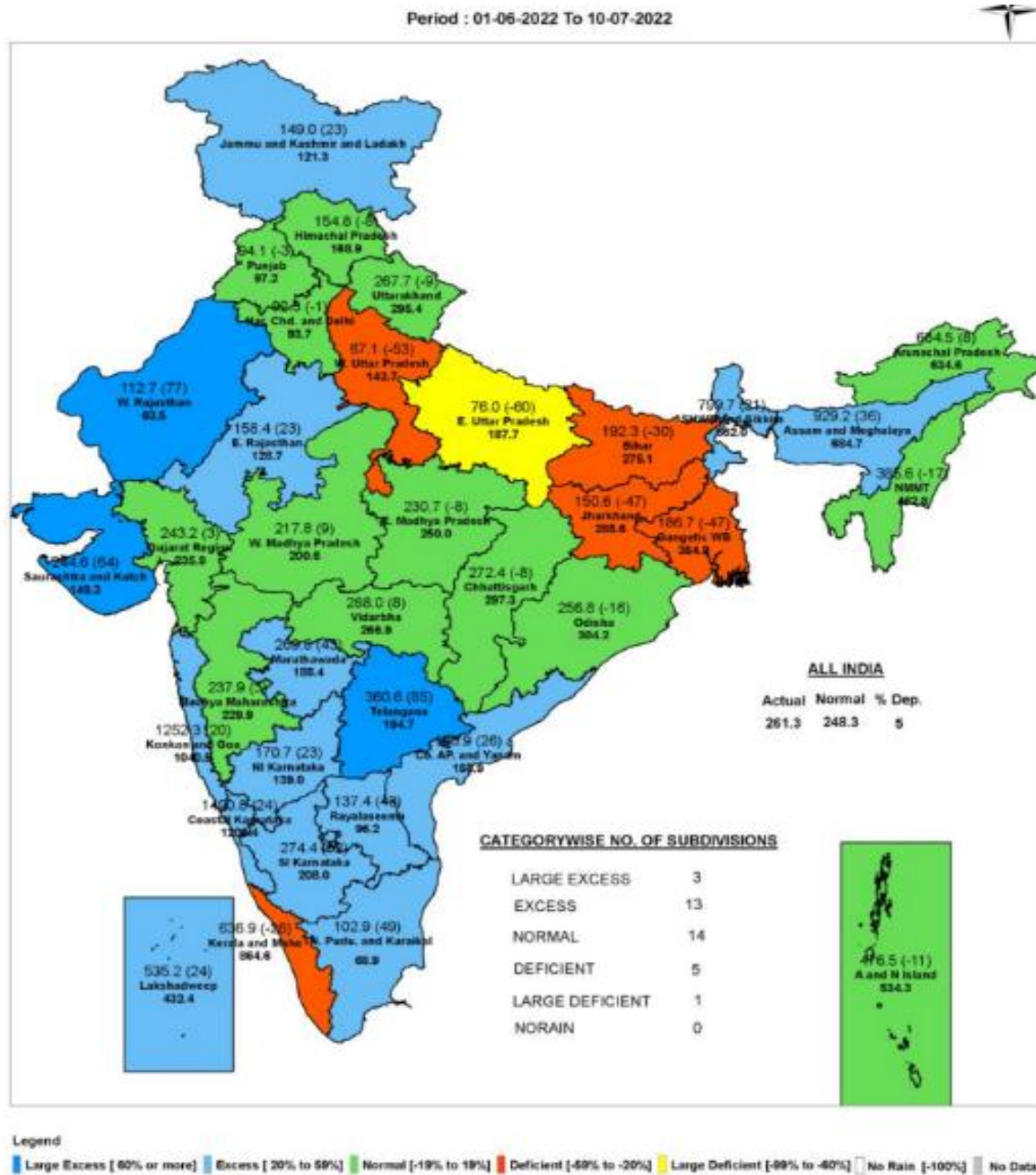
Met-Sub-Division	11-Jul Today	12Jul Tue	13Jul Wed	14Jul Thu	15Jul Fri
1. Andaman & Nicobar Islands	WS	WS	WS	FWS	FWS
2. Arunachal Pradesh	SCT	FWS	SCT	SCT	SCT
3. Assam & Meghalaya	SCT	SCT	SCT	SCT	SCT
4. N. M. M. & T.	FWS	FWS	FWS	FWS	FWS
5. S.H. West Bengal & Sikkim	SCT	SCT	SCT	SCT	SCT
6. Gangetic West Bengal	SCT	SCT	FWS	FWS	FWS
7. Odisha	FWS	WS	WS	WS	WS
8. Jharkhand	SCT	SCT	SCT	FWS	FWS
9. Bihar	ISOL	ISOL	SCT	SCT	SCT
10. East Uttar Pradesh	ISOL	ISOL	ISOL	SCT	SCT
11. West Uttar Pradesh	ISOL	ISOL	SCT	ISOL	ISOL
12. Uttarakhand	FWS	FWS	WS	WS	WS
13. Haryana, Chd & Delhi	SCT	SCT	WS	FWS	FWS
14. Punjab	SCT	SCT	WS	FWS	FWS
15. Himachal Pradesh	SCT	FWS	FWS	FWS	FWS
16. J & K and Ladakh	SCT	SCT	FWS	FWS	FWS
17. West Rajsthan	SCT	SCT	SCT	SCT	SCT
18. East Rajasthan	WS	WS	WS	SCT	SCT
19. West Madhya Pradesh	FWS	FWS	FWS	FWS	FWS
20. East Madhya Pradesh	FWS	FWS	FWS	FWS	FWS
21. Gujarat Region	WS	WS	WS	WS	WS
22. Saurashtra & Kutch	WS	WS	WS	WS	WS
23. Konkan & Goa	WS	WS	WS	WS	WS
24. Madhya Maharashtra	WS	WS	WS	WS	WS
25. Marathwada	WS	WS	WS	WS	WS
26. Vidharbha	WS	WS	WS	WS	WS
27. Chhattisgarh	WS	WS	WS	WS	WS
28. Coastal A. P. & Yanam	FWS	FWS	FWS	SCT	SCT
29. Telangana	WS	WS	WS	WS	WS
30. Rayalaseema	SCT	SCT	SCT	ISOL	ISOL
31. T.N.,Puducherry & Karaikal	ISOL	ISOL	ISOL	ISOL	ISOL
32. Coastal Karnataka	WS	WS	WS	WS	WS
33. North Interior Karnataka	WS	WS	WS	WS	WS
34. South Interior Karnataka	WS	WS	WS	WS	WS
35. Kerala & Mahe	WS	WS	WS	WS	WS
36. Lakshadweep	WS	WS	WS	FWS	FWS

% Station Reporting Rainfall

% Stations	Category	% Stations	Category
76-100	Widespread (WS/ Most Places)	26-50	Scattered (SCT/ A Few Places)
51-75	Fairly Widespread (FWS/ Many Places)	1-25	Isolated (ISOL)
No Rain	Dry		

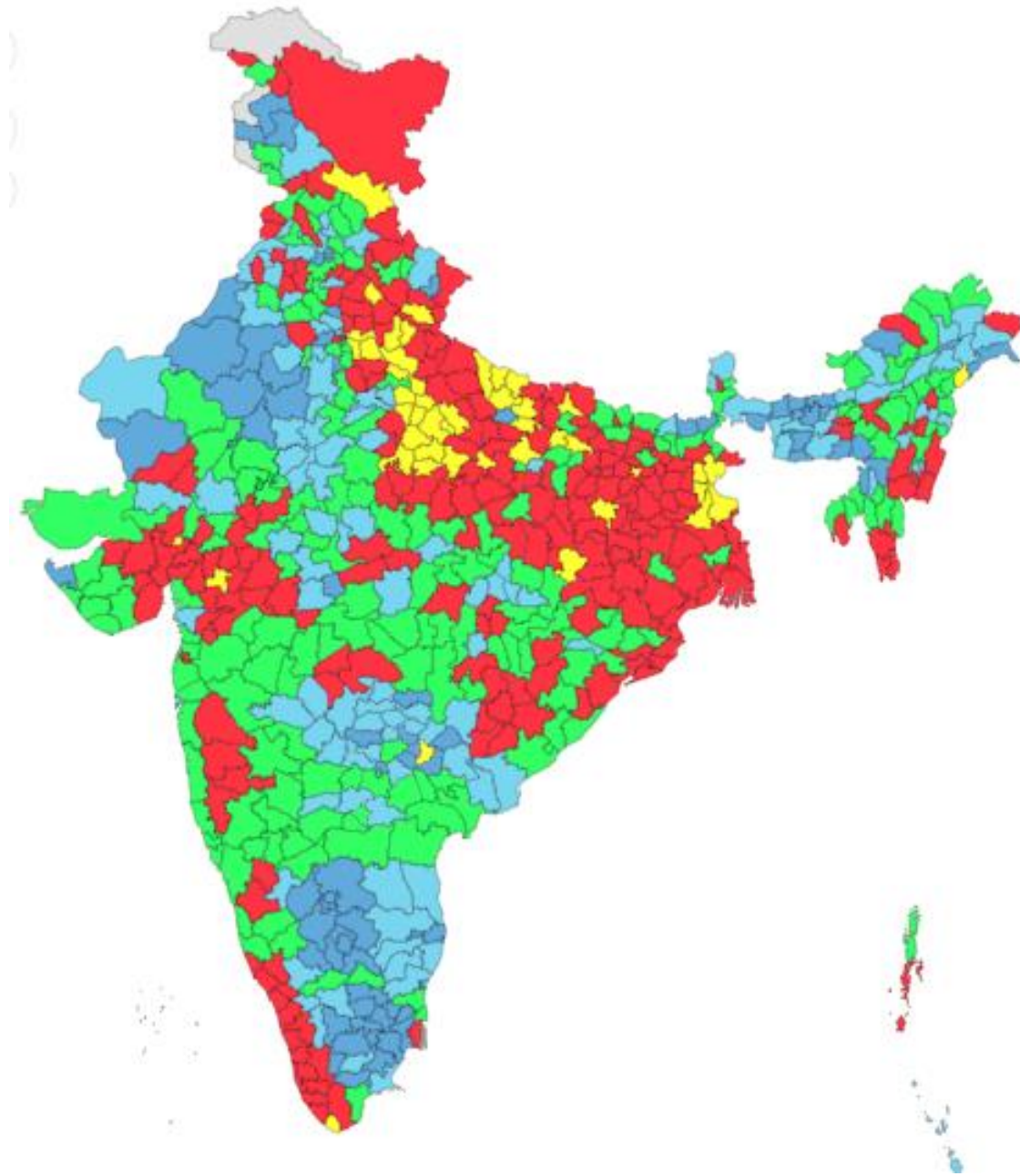
Source: IMD, New Delhi

Subdivision wise Cumulative Rainfall (as on 11 July 2022)



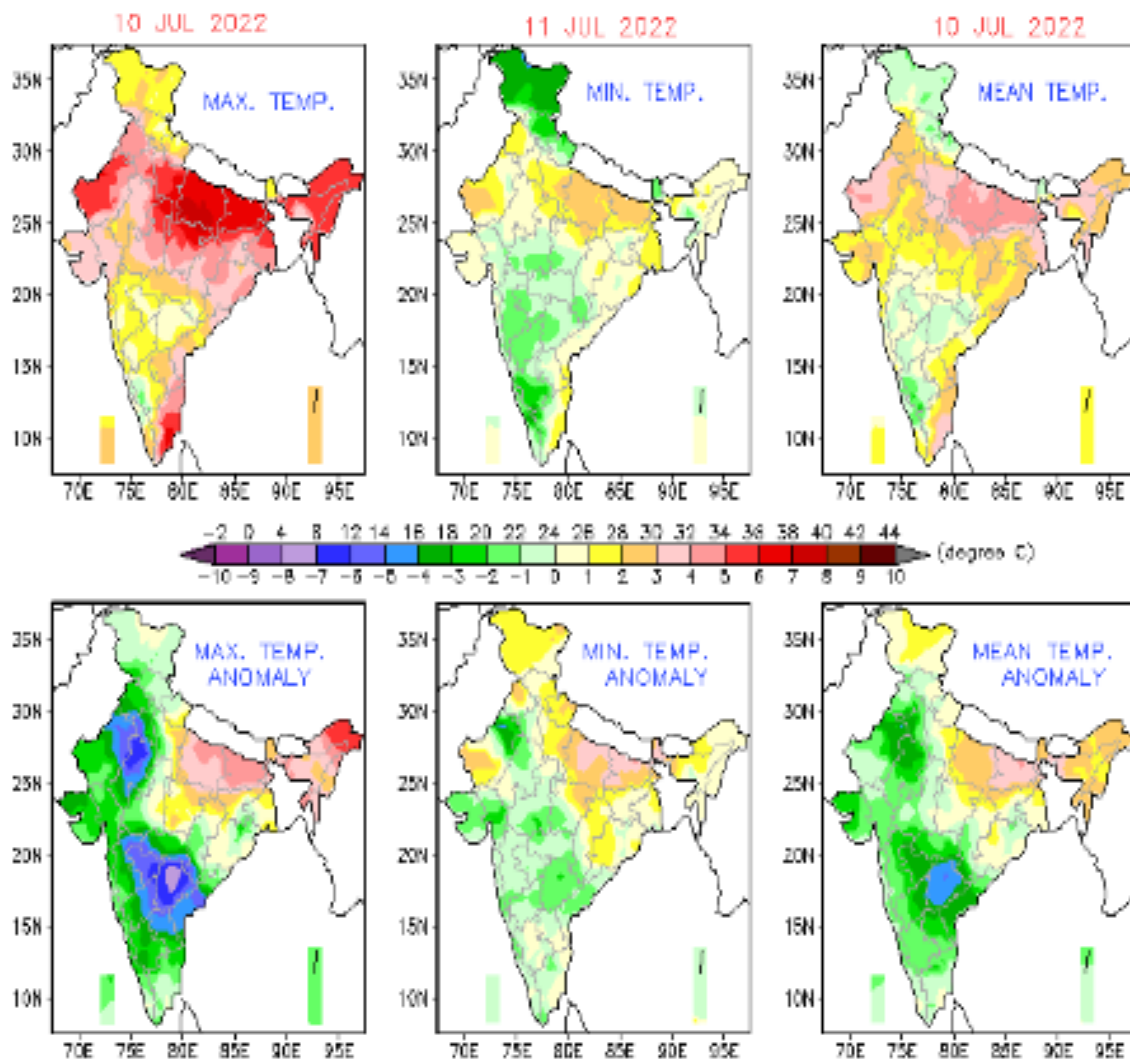
Source: IMD, New Delhi

District wise Cumulative Rainfall (as on 11 July 2022)



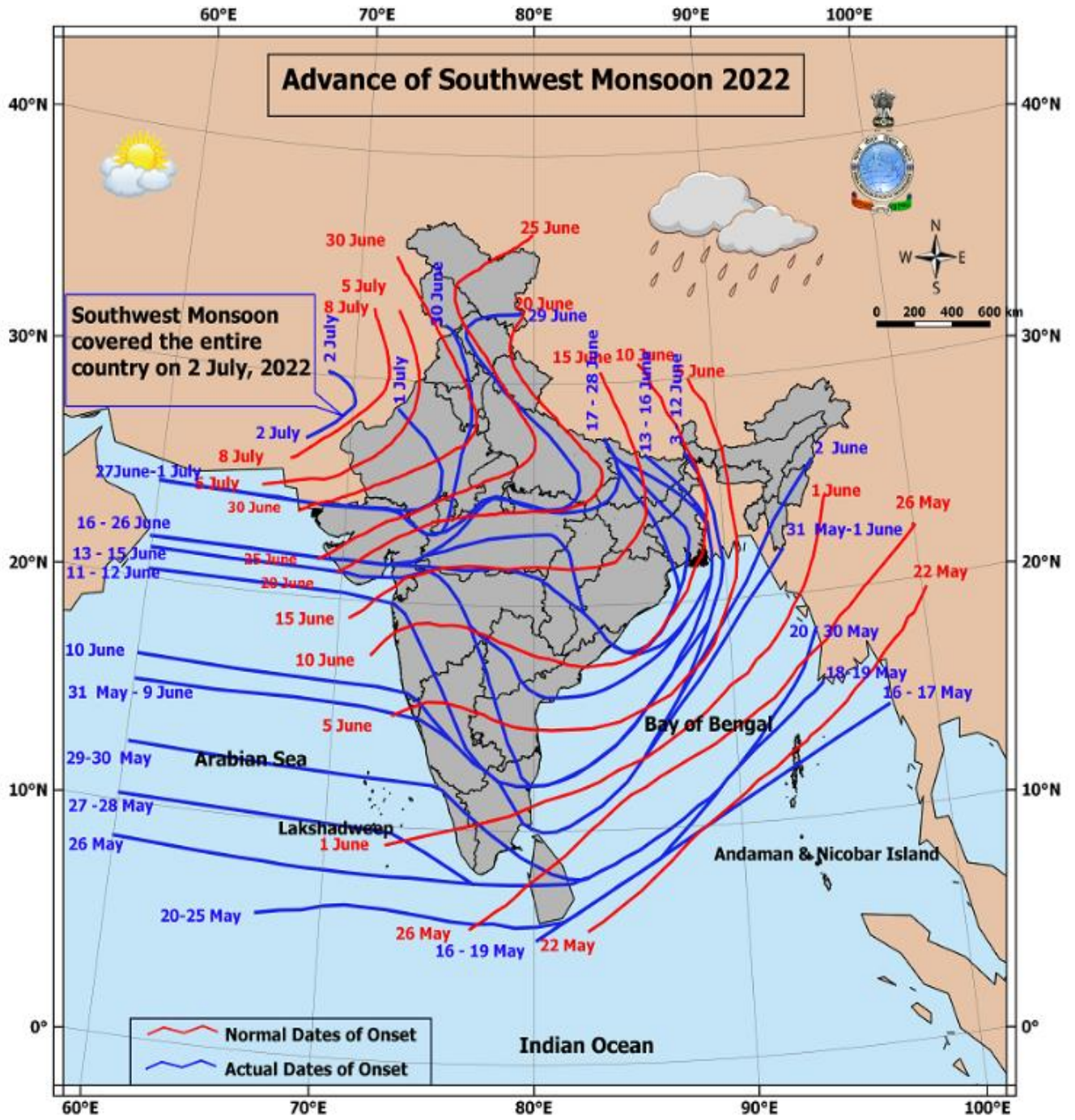
Source: IMD, New Delhi

Actual Temperature



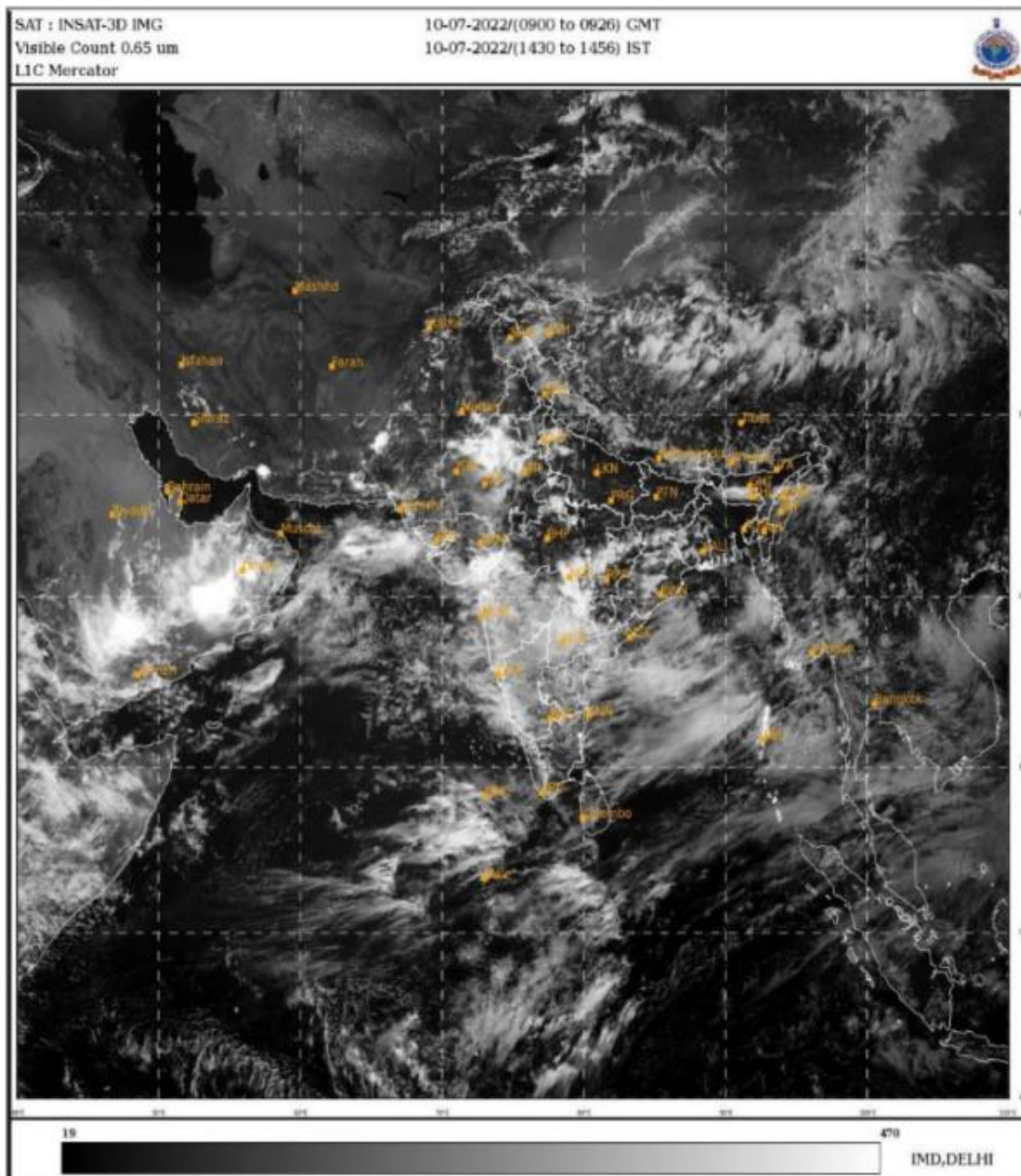
Source: IMD, New Delhi

Advancement of Monsoon 2022



Source: IMD, New Delhi

Cloud Status



Source: IMD, New Delhi

Kharif Crop Sowing Progress

As per the preliminary reports published by the Ministry of Agriculture and Farmer Welfare (MoAFW), the total sown area as on 8 July, stands at 406.66 lakh hectare as compared to 448.23 lakh hectare at this time during 2021.

Total acreage is down by 24% in rice, up by 1% in pulses, and down by 20% in oilseeds as compared to the sown area seen during same period of last year. However, these are very preliminary figures and may change considerably once the sowing starts in full swing in the northern parts of the country.

As on 8 July 2022, status of crops sowing:

(in Lakh hectare)

S.N.	Crop	Area Sown		Net change	% change
		2022	2021	Over 2021	Over 2021
1	Rice	72.24	95	-22.75	-23.95
2	Total Pulses	46.55	46.1	0.45	0.98
(i)	Arhar	16.58	23.22	-6.64	-28.58
(ii)	Kulthi	0.13	0.19	-0.07	-34.41
(iii)	Urad	7.47	8.33	-0.86	-10.34
(iv)	Moong	16.02	11.65	4.37	37.47
(v)	Other Pulses	6.35	2.7	3.65	135.12
3	Total Coarse Cereals	65.31	64.36	0.95	1.48
(i)	Jowar	4.5	4.59	-0.09	-2.04
(ii)	Bajra	26.77	14.93	11.84	79.26
(iii)	Ragi	0.16	0.31	-0.15	-47.44
(iv)	Maize	31.84	41.63	-9.8	-23.53
(v)	Small Millets	2.04	2.89	-0.85	-29.41
4	Total Oilseeds	77.8	97.56	-19.77	-20.26
(i)	Groundnut	20.51	25.31	-4.8	-18.95
(ii)	Sunflower	1.16	0.8	0.35	43.94
(iii)	Sesamum	1.53	1.71	-0.17	-10.16
(iv)	Niger	0.03	0.04	0	-9.06
(v)	Castor	0.07	0.12	-0.05	-39.72
(vi)	Soyabean	54.43	69.54	-15.12	-21.74
(vii)	Other Oilseeds	0.06	0.04	0.02	45.15
5	Sugarcane	53.31	53.56	-0.25	-0.46
6	Total Jute and Mesta	6.86	6.91	-0.05	-0.78
7	Cotton	84.6	84.75	-0.15	-0.18
	Grand Total	406.66	448.23	-41.57	-9.27

Source: Ministry of Agriculture.

Learn more about NCDEX Institute of Commodity Markets and Research (NICR) at: <http://www.nicrindia.in>

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