



प्रादेशिक मौसम केंद्र, कोलाबा , मुंबई - 400 005  
Regional Meteorological Centre, Mumbai - 400005

## Weekly Weather Report for Maharashtra

### WEEKLY WEATHER REPORT DURING THE WEEK ENDING ON 29-05-2019 (23.05.2019 to 29.05.2019)

**CHIEF FEATURES:** Heat wave conditions prevailed at many places over Vidarbha on 24<sup>th</sup> May 2019 and at isolated pockets of Madhya Maharashtra and Marathwada on 24<sup>th</sup> May 2019.

Heat wave conditions prevailed at some parts of South Madhya Maharashtra, at few places over Vidarbha and at isolated pockets of Marathwada on 23<sup>rd</sup> May 2019.

Heat wave conditions prevailed at isolated pockets of South Madhya Maharashtra and Marathwada on 25<sup>th</sup> May , 26<sup>th</sup> May.

Severe heat wave condition occurred at isolated places over Vidarbha and heat wave conditions prevailed at many places over Vidarbha on 26<sup>th</sup> May.

Heat wave conditions prevailed at few places over Vidarbha on 25<sup>th</sup> May 2019.

Heat wave conditions occurred at many places over vidarbha on 27<sup>th</sup> and 28<sup>th</sup> May 2019 . Heat wave conditions prevailed at isolated pockets in the districts of Marathwada on 27<sup>th</sup> and 28<sup>th</sup> May 2019 .

Severe heat wave condition occurred at few places and heat wave condition prevailed at most places over Vidarbha on 29<sup>th</sup> May.

Heat wave conditions prevailed at some parts in the districts of south Madhya Maharashtra and Marathwada on 29<sup>th</sup> May 2019.

### **DISTRICT WISE WEEKLY RAIN FALL DISTRIBUTION FOR THE WEEK ENDING ON 29.05.2019:**

<b>Large Excess</b>	: Nil. Gondia.
<b>Excess</b>	: Nil.
<b>Normal</b>	: Nil.
<b>Deficient</b>	: Nil.
<b>Large Deficient</b>	: Sholapur, North Goa, South Goa
<b>No Rain</b>	: Palghar, Mumbai Suburban, Mumbai city, Bhandara, Jalna, Ratnagiri, Beed, Raigad, Yeotmal, , Jalgaon, Akola, Buldhana, Gadchiroli, Thane, Nanded, Amaraoti ,Wardha, Washim, Nashik, , Sindhudurg, Latur, Chandrapur, Satara, Aurangabad , Nagpur, Pune, Osmanabad, Sangli ,Kolhapur, Parbhahni,
<b>DNA</b>	: Dhule, Hingoli, Nandurbar, Ahmednagar

### **DISTRICT WISE SEASONAL RAINFALL DISTRIBUTION FOR THE SEASON ENDING 29.05.2019:**

<b>Large Excess</b>	: Nil.
<b>Excess</b>	: Nil.
<b>Normal</b>	: Nil.
<b>Deficient</b>	: Sholapur,Gondia, Dhule.
<b>Large Deficient</b>	: Jalna, Nanded, Gadchiroli, Yeotmal, Nagpur, Wardha, Washim , Kolhapur, Latur, Bhandara, Buldhana,Akola, Aurangabad, Jalgaon, Raigad, Ratnagiri , North Goa, Sangli, Beed, Nashik, South Goa, Sindhudurg, Satara, Amaraoti,, Pune, Chandrapur, Osmanabad, Hingoli, Parbhahni,
<b>No Rain</b>	: Palghar, Mumbai Suburban, Mumbai city, Ahmednagar, Thane, Nandurbar.
<b>DNA</b>	: Nil.

### **CHIEF AMOUNTS OF RAINFALL IN CM.**

#### **KONKAN & GOA**

05/23/2019 : NONE

05/24/2019 : NONE

05/25/2019 : NONE

05/26/2019 : NONE

05/27/2019 : NONE

05/28/2019 : NONE

05/29/2019 : NONE

#### **MADHYA MAHARASHTRA**

05/23/2019 : NONE

05/24/2019 : NONE

05/25/2019 : NONE

05/26/2019 : NONE

05/27/2019 : NONE

05/28/2019 : NONE

05/29/2019 : NONE

#### **MARATHWADA**

05/23/2019 : NONE

05/24/2019 : NONE

05/25/2019 : NONE

05/26/2019 : NONE

05/27/2019 : NONE

05/28/2019 : NONE

05/29/2019 : NONE

#### **VIDARBHA**

05/23/2019 : NONE

05/24/2019 : NONE

05/25/2019 : NONE

05/26/2019 : NONE

05/27/2019 : NONE

05/28/2019 : NONE

05/29/2019 : NONE

#### **SPATIAL DISTRIBUTION OF RAINFALL REALISED:**

Meteorological Subdivision	23 MAY	24 May	25 May	26 May	27 May	28 May	29 May
North Konkan	D	D	D	D	D	D	D
South Konkan Goa	D	ISOL	D	D	D	D	D
North Madhya Maharashtra	D	D	D	D	D	D	D
South Madhya Maharashtra	ISOL	ISOL	ISOL	D	D	D	D
Marathawada	D	D	D	D	D	D	D
East Vidharba	D	D	D	D	D	D	D
West Vidharba	D	D	D	D	D	D	D

LEGEND : WD- Rainfall at most places ; FWD-Rainfall at many places; SCT - Rainfall at a few places,  
ISOL- Rainfall at Isolated places, D - Dry, V-Vigorous, A- Active, W – Weak

**SPATIAL DISTRIBUTION OF MAXIMUM / MINIMUM TEMPERATURE:**

Meteorological Subdivision	23 May	24 May	25 May	26 May	27 May	28 May	29 May
North Konkan	N	N	N	N	N	N	N
South Konkan Goa	N	N	N	N	AN	AN	N
North Madhya Maharashtra	AN	AN	N	N	AN	AN	AN
South Madhya Maharashtra	AAN	AAN	AAN	AAN	AAN	AAN	AAN
Marathwada	AAN	AAN	AAN	AAN	AAN	AAN	AAN
East Vidharba	AAN	AAN	AN	AN	AAN	AAN	AAN
West Vidharba	AAN	AAN	AN	AN	AAN	AAN	AAN

Legend: N – Normal, AN – Above Normal, AAN – Appreciably Above Normal, MAN – Markedly Above Normal, BN – Below Normal, ABN- Appreciably Below Normal MBN – Markedly Below Normal

**WEATHER AND ASSOCIATED SYNOPTIC FEATURES:**

Last week trough from South Interior Karnataka to Comorin area ran from North Interior Karnataka to Comorin area across South Interior Karnataka and Interior Tamilnadu at 1.5 km above mean sea level on 23<sup>rd</sup> May. It became less marked on 24<sup>th</sup> May 2019.

Last week shear zone ran roughly along Latitude 8°N became less marked on 23<sup>rd</sup> May.

A cyclonic circulation lay over southeast Arabian Sea & adjoining Lakshadweep area at 1.5 km above mean sea level on 23<sup>rd</sup> May. It became less marked on 24<sup>th</sup> May.

A trough at 0.9 km above mean sea level ran from East Madhya Pradesh to North coastal Karnataka across Vidarbha, Marathwada and south Madhya Maharashtra on 23<sup>rd</sup> May 2019. It became less marked on 24<sup>th</sup> 2019.

An east west shear zone ran roughly along Latitude 7°N between 3.1 km & 4.5 km above mean sea level on 25<sup>th</sup> May. It persisted on 26<sup>th</sup> May. It became less marked on 27<sup>th</sup> May 2019.

The trough from Rayalaseema to Comorin area ran across interior Tamilnadu and extended upto 0.9 km above mean sea level on 26<sup>th</sup> May. It persisted at 1.5 km above mean sea level on 27<sup>th</sup> May 2019. It became less marked same day thereafter on 27<sup>th</sup> May 2019.

A trough at 0.9 km above mean sea level ran from cyclonic circulation over Chhattisgarh and adjoining South Odisha to South Madhya Maharashtra across Vidarbha and Marathwada on 27<sup>th</sup> May 2019. It was unimportant on 28<sup>th</sup> May 2019.

The trough from east Vidarbha to Comorin area ran from Madhya Maharashtra to Comorin area across Interior Karnataka and Interior Tamilnadu and extended up to 0.9 km above mean sea level. on 28<sup>th</sup> . it became less marked on 29<sup>th</sup> May 2019.

A cyclonic circulation at 1.5 km above mean sea level lay over Lakshadweep area & neighbourhood afternoon of 27<sup>th</sup> may 2019 and it became less marked on 28<sup>th</sup> May 2019.

A trough extended upto 1.5 km above mean sea level ran from East Madhya Pradesh to North Interior Karnataka across Vidarbha, Marathwada and Madhya Maharashtra on 29<sup>th</sup> May 2019.

A cyclonic circulation between 3.1 & 3.6 km above mean sea level over South west Rajasthan & adjoining Gujarat lay over South Gujarat and neighbourhood between 3.1 & 4.5 km above mean sea level on 29<sup>th</sup> May 2019.

Generally Westerly winds prevailed in the lower level over the region on 28<sup>th</sup> May 2019.

48 Deg C. recorded at Chandrapur on 29<sup>th</sup> May 2019 was the highest maximum temperature in the state during the week.

**DISTRICT WISE WEEKLY RAIN FALL ACTIVITYFOR THE WEEK ENDING ON 29.05.2019 :**

SUB-DIVISION	RAINFALL FOR THE WEEK ENDING				RAINFALL FOR THE PERIOD			
	29/05/2019				FROM 01/03/2019 TO 29/05/2019			
DISTRICTS	Actual	Normal	Excess or Deficit		Actual	Normal	Excess or Deficit	
	MM	MM	MM	%	MM	MM	MM	%
<b>STATES</b>								
<b>GOA</b>	0.2	34.2	-34	-99	3.7	82.9	-79.2	-96

MAHA. EXCEPT VIDARBHA	0.1	7.6	-7.5	-99	6	30.8	-24.8	-80
MET. SUBDIVISIONS								
KONKAN & GOA								
MUMBAI CITY	0	4.6	-4.6	-100	0	12.6	-12.6	-100
MUMBAI SUBURBAN	0	5.4	-5.4	-100	0	16.3	-16.3	-100
NORTH GOA	0.1	37.6	-37.5	-99	3.6	91.9	-88.3	-96
PALGHAR	0	5.5	-5.5	-100	0	12.4	-12.4	-100
RAIGAD	0	8.1	-8.1	-100	0.1	17.1	-17	-99
RATNAGIRI	0	15.2	-15.2	-100	0.5	28.7	-28.2	-98
SINDHUDURG	0	27.1	-27.1	-100	0.8	53.2	-52.4	-99
SOUTH GOA	0.3	31.3	-31	-99	3.8	75.5	-71.7	-95
THANE	0	4.9	-4.9	-100	0	11.5	-11.5	-100
SUBDIVISION RAINFALL	0	14.8	-14.8	-99	0.7	30.7	-30	-98
MADHYA MAHARASHTRA								
AHMEDNAGAR		9	-9		0	27.8	-27.8	-100
DHULE		5	-5		8	13.3	-5.3	-40
JALGAON	0	3.4	-3.4	-100	1	11.5	-10.5	-91
KOLHAPUR	0	21.2	-21.2	-100	10.8	86.9	-76.1	-88
NANDURBAR		4.6	-4.6		0	9.1	-9.1	-100
NASHIK	0	6.9	-6.9	-100	5.4	19	-13.6	-71
PUNE	0	11.2	-11.2	-100	7	35.1	-28.1	-80
SANGLI	0	19.8	-19.8	-100	23.5	77.4	-53.9	-70
SATARA	0	15.2	-15.2	-100	6.9	51.2	-44.3	-87
SHOLAPUR	1.1	13.3	-12.2	-92	19.4	40.2	-20.8	-52
SUBDIVISION RAINFALL	0.2	10.7	-10.5	-98	7.9	35.6	-27.7	-78
MARATHWADA								
AURANGABAD	0	7.2	-7.2	-100	0.2	19.7	-19.5	-99
BEED	0	8.1	-8.1	-100	7.4	27.7	-20.3	-73
HINGOLI		4.6	-4.6		7.4	25.4	-18	-71
JALNA	0	8	-8	-100	1.6	22	-20.4	-93
LATUR	0	8.6	-8.6	-100	10.2	39.1	-28.9	-74
NANDED	0	6.1	-6.1	-100	2.6	31.8	-29.2	-92
OSMANABAD	0	9.7	-9.7	-100	7.1	34.6	-27.5	-80
PARBHANI	0	5.2	-5.2	-100	10.3	27.1	-16.8	-62
SUBDIVISION RAINFALL	0	7.2	-7.2	-100	5.4	27.9	-22.5	-81
STATES								
MAHA. (ONLY VIDARBHA)	0	7.6	-7.6	-100	6.8	30.8	-24	-78
MET. SUBDIVISIONS								
VIDARBHA								
AKOLA	0	3.7	-3.7	-100	0.6	20.9	-20.3	-97
AMRAOTI	0	1.7	-1.7	-100	5.1	16.5	-11.4	-69
BHANDARA	0	1.7	-1.7	-100	15.1	38	-22.9	-60
BULDHANA	0	3	-3	-100	0.7	15.2	-14.5	-96
CHANDRAPUR	0	2	-2	-100	12	35.6	-23.6	-66
GADCHIROLI	0	3.2	-3.2	-100	8.8	41.2	-32.4	-79
GONDIA	0	1.5	-1.5	-100	24.7	33.2	-8.5	-25
NAGPUR	0	2.9	-2.9	-100	7	34.7	-27.7	-80
WARDHA	0	3.5	-3.5	-100	3.1	35.4	-32.3	-91
WASHIM	0	2.6	-2.6	-100	3	19.1	-16.1	-84
YEOTMAL	0	3.1	-3.1	-100	2.5	28.8	-26.3	-91
SUBDIVISION RAINFALL	0	2.7	-2.7	-100	6.8	29.2	-22.4	-77

Note: - Rainfall figures for the period are subject to correction on receipt of late Data.

LEGEND: Large Excess: + 60 % or more; EXCESS: +20% TO 59%; Normal : + 19% to -19 %; Deficient : -20% to -59% ;LARGE Deficient : -60% to -99% No Rain: -100 %, DNA : Data not available

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