

GOVERNMENT OF INDIA

INDIA METEOROLOGICAL DEPARTMENT

REGIONAL METEOROLOGICAL CENTRE, ALIPORE, KOLKATA-700027

MID-DAY WEATHER BULLETIN FOR WEST BENGAL, SIKKIM, ODISHA, BIHAR,

~~JHARKHAND AND THE ANDAMAN & NICOBAR ISLANDS~~



Summary of Observation Recorded at 0830 hrs IST of Monday 02/10/2023

Southwest monsoon has been vigorous over Jharkhand & Bihar; active over Gangetic West Bengal & Odisha. Heavy to very Heavy rainfall occurred at one or two places over Jharkhand. Heavy rainfall occurred at one or two places over Odisha & Bihar. Rainfall occurred at most places over Gangetic West Bengal, Sub Himalayan West Bengal, Sikkim, Bihar, Jharkhand; at many places over Andaman & Nicobar Islands and Odisha. Weather remained mainly dry over the rest of the region.

CHIEF AMOUNTS OF RAINFALL RECEIVED SO FAR IN CM RECORDED AT 0830 HRS OF

Monday 02/10/2023

Bhawnathpur : 19 ; Hazaribagh dvc : 13 ; Padampur, Kankadahad, Padmapur, Sonapur : 11 each; Khairamal, Bamra, Shilaichak, Hisua : 10 each; Akhuapada, Jujumura, Palganj, Hendigir : 9 each; Bokaro thermal, Phusro, Koner dvc, Rajauli : 8 each; Bhuban, Binjharpur, Marsaghai, Naktideul, Birmaharajpur, Chandrapura, Dhurki, Bharno, Lohardaga kvk AWS, Bodh gaya, Fatehpur, Sherghati, Narhat, Nauhatta : 7 each; Pallahara, Chandbali, Boudhgarh, Danagadi, Laikera, Phiringia, Dhankauda, Sambalpur, Tarva, Chas, Nawadih, Dumri, Nandadih, Tuladih, Daltonganj, Nabinagar, Sarmera : 6 each; Rajkishorenagar, Loisingha, Kantamal, Barkote, Raghunathpur, Rajkanika, Rajnagar, Daitari, Ghasipura, Rairakhol, Ullunda, Mandira dam, Panposh, Rajgangpur, Chungthang, Dumri dvc, Sisai, Murhu, Wazirganj, Jhajha, Giryak, Rajgir, Warisaliganj : 5 each; Chendipada, Kaniha, Talcher, Basudevapur, Bhadrak, Bolangir, Altuma, Hindol, Kamakhyanager, Jajpur, Jenapur, Mohakalapada, Pattamundai, Anandpur, Telkoi, Burla, Binika, Kutra, Raurkela, Sri nketan, Tarakeshwar, Alipore, Tenughat, Papunki, Putki, Putki dvc, Tundi, Ghatsila, Garhwa kvk AWS, Barkisuriya, Gumla bishnupur kvk AWS, Koner, Torpa, Tilaiya dvc, Chandwa, Japla, Deo, Kodawanpur/c.b ii, Barachatti, Dumaria, Gaya aero, Kurhani, Nawada, Salakhua : 4 each

SYNOPTIC SITUATION Monday 02/10/2023

Yesterday's Well marked low pressure area over South east Jharkhand & adjoining areas of Gangetic West Bengal and North interior Odisha now lies as a Low Pressure Area over southwest Jharkhand & adjoining north Chhattisgarh. The associated cyclonic circulation extends upto 7.6 km above mean sea levels tilting southwards with height. Yesterday's trough at 0.9 km above mean sea level from the cyclonic circulation associated with Well marked low pressure area over South east Jharkhand & adjoining areas of Gangetic West Bengal and North interior Odisha to East Uttar Pradesh has become less marked.

INFERENCE FOR BAY OF BENGAL AND ANDAMAN SEA VALID TILL MID NIGHT OF Monday

02/10/2023

Southwest monsoon moderate to strong over North Bay, Westcentral Bay and South Bay of Bengal; moderate over Eastcentral Bay of Bengal and Andaman Sea.

Weather Forecast for Next Seven Days

Monday 02 Oct(Day-1) Rain or thundershowers very likely to occur at most places over Andaman & Nicobar Islands, Bihar, Jharkhand, Odisha, all the districts of Gangetic West Bengal, Sikkim and Darjeeling, Jalpaiguri, Kalimpong, Coochbehar, Alipurduar districts of Sub Himalayan West Bengal; likely to occur at a few places over the rest districts of Sub Himalayan West Bengal. No large change in day temperature during next 4-5 days over the land area of the region.

Tuesday 03 Oct(Day-2) Rain or thundershowers very likely to occur at most places over Andaman & Nicobar Islands, Bihar, Jharkhand, Odisha, all the districts of Gangetic West Bengal, Sikkim and Darjeeling, Jalpaiguri, Kalimpong, Coochbehar, Alipurduar districts of Sub Himalayan West Bengal; likely to occur at a few places over the rest districts of Sub Himalayan West Bengal.

Wednesday 04 Oct(Day-3) Rain or thundershowers very likely to occur at most places over Andaman & Nicobar Islands, Jharkhand, all the districts of Gangetic West Bengal, Sikkim and Darjeeling, Jalpaiguri, Kalimpong, Coochbehar, Alipurduar districts of Sub Himalayan West Bengal; at many places over Bihar, Odisha and the rest districts of Sub Himalayan West Bengal.

Thursday 05 Oct(Day-4) Rain or thundershowers very likely to occur at most places over Andaman & Nicobar Islands, all the districts of Gangetic West Bengal, Sikkim and Darjeeling, Jalpaiguri, Kalimpong, Coochbehar, Alipurduar districts of Sub Himalayan West Bengal; at many places over Bihar, Jharkhand and the rest districts of Sub Himalayan West Bengal; likely to occur at a few places over Odisha.

Friday 06 Oct(Day-5) Rain or thundershowers very likely to occur at most places over Andaman & Nicobar Islands, Sikkim and Darjeeling, Jalpaiguri, Kalimpong, Coochbehar, Alipurduar districts of Sub Himalayan West Bengal; at many places over Jharkhand and the rest districts of West Bengal; likely to occur at a few places over Bihar and Odisha.

Saturday 07 Oct(Day-6) Rain or thundershowers very likely to occur at most places over Andaman & Nicobar Islands; at many places over Sikkim and Darjeeling, Jalpaiguri, Kalimpong, Coochbehar, Alipurduar districts of Sub Himalayan West Bengal; likely to occur at a few places over Bihar, Odisha, Jharkhand and the rest districts of West Bengal.

Sunday 08 Oct(Day-7) Rain or thundershowers very likely to occur at most places over Andaman & Nicobar Islands; at many places over Sikkim and Darjeeling, Jalpaiguri, Kalimpong, Coochbehar, Alipurduar districts of Sub Himalayan West Bengal; likely to occur at a few places over Bihar, Odisha, Jharkhand and the rest districts of West Bengal.

Weather Warning for Next Seven Days

Monday 02 Oct(Day-1) 1) Heavy to Very Heavy rain (07-20 cm) very likely to occur at one or two places over Jharkhand and Odisha. 2) Heavy rain (07-11 cm) likely to occur at one or two places over Bihar, Sikkim and South 24 Parganas, East & West Midnapore, Jhargram districts of Gangetic West Bengal and Darjeeling, Jalpaiguri, Kalimpong, Coochbehar, Alipurduar districts of Sub Himalayan West Bengal. 3) Thunderstorm with lightning likely to occur at one or two places over Bihar, Jharkhand, Sikkim and all the districts of West Bengal.

Tuesday 03 Oct(Day-2) 1) Heavy to Very Heavy rain (07-20 cm) very likely to occur at one or two places over Jalpaiguri, Kalimpong, Alipurduar districts of Sub Himalayan West Bengal. 2) Heavy rain (07-11 cm) likely to occur at one or two places over Bihar, Odisha, Jharkhand, Sikkim and South 24 Parganas, East & West Midnapore, Jhargram districts of Gangetic West Bengal and Darjeeling, Coochbehar districts of Sub Himalayan West Bengal. 3) Thunderstorm with lightning likely to occur at one or two places over Bihar, Jharkhand, Sikkim and all the districts of West Bengal.

Wednesday 04 Oct(Day-3) 1) Heavy to Very Heavy rain (07-20 cm) very likely to occur at one or two places over Coochbehar, Jalpaiguri, Alipurduar districts of Sub Himalayan West Bengal. 2) Heavy rain (07-11 cm) likely to occur at one or two places over Andaman & Nicobar Islands, Bihar, Odisha, Jharkhand and South 24 Parganas, East & West Midnapore, Jhargram, Purulia, Bankura, West Burdwan, Birbhum, Murshidabad districts of Gangetic West Bengal and Darjeeling, Kalimpong, North Dinajpur districts of Sub Himalayan West Bengal. 3) Thunderstorm and lightning accompanied with gusty wind (speed reaching 30 -40 kmph) likely to occur at one or two places over Andaman & Nicobar Islands. 4) Thunderstorm with lightning likely to occur at one or two places over Bihar, Jharkhand and all the districts of West Bengal.

Thursday 05 Oct(Day-4) 1) Heavy rain (07-11 cm) likely to occur at one or two places over Andaman & Nicobar Islands, Bihar and West Burdwan, Birbhum, Murshidabad districts of Gangetic West Bengal and Coochbehar, Jalpaiguri, Alipurduar districts of Sub Himalayan West Bengal. 2) Thunderstorm and lightning accompanied with gusty wind (speed reaching 30 -40 kmph) likely to occur at one or two places over Andaman & Nicobar Islands. 3) Thunderstorm with lightning likely to occur at one or two places over Bihar and Jharkhand.

Friday 06 Oct(Day-5) 1) Heavy rain (07-11 cm) likely to occur at one or two places over Andaman & Nicobar Islands. 2) Thunderstorm and lightning accompanied with gusty wind (speed reaching 30 -40 kmph) likely to occur at one or two places over Andaman & Nicobar Islands.

Saturday 07 Oct(Day-6) Nil.

Sunday 08 Oct(Day-7) Nil.

Forecast for Kolkata and Neighbourhood for Next 7 Days

Monday 02 Oct Generally cloudy sky with a few spells of Rain or thundershower very likely. Maximum and Minimum Temperatures most likely be around 29°C and 26°C respectively.

Tuesday 03 Oct Generally cloudy sky with a few spells of rain or thundershowers. Maximum and Minimum Temperatures most likely be around 30°C and 26°C respectively.

Wednesday 04 Oct Generally cloudy sky with a few spells of rain or thundershowers. Maximum and Minimum Temperatures most likely be around 29°C and 25°C respectively.

Thursday 05 Oct Generally cloudy sky with one or two spells of rain or thundershowers. Maximum and Minimum Temperatures most likely be around 31°C and 26°C respectively.

Friday 06 Oct Generally cloudy sky with light rain. Maximum and Minimum Temperatures most likely be around 33°C and 27°C respectively.

Saturday 07 Oct Partly cloudy sky with possibility of rain/thundershowers. Maximum and Minimum Temperatures most likely be around 33°C and 27°C respectively.

Sunday 08 Oct Partly cloudy sky with possibility of rain/thundershowers. Maximum and Minimum Temperatures most likely be around 33°C and 27°C respectively.

Weather Warning for Fisherman West Bengal Coast for next 5 days commencing from 02/10/2023

Due to squally weather, wind speed is likely to exceed 45 kmph over North Bay of Bengal. Fishermen of West Bengal coast are advised not to venture into the sea from 02nd October, 2023 to 03rd October, 2023.

Weather Warning for Fisherman Andamand & Nicobar Coast for next 5 days commencing from 02/10/2023

NIL.

Farmer Forecast for Farmer for Next five Days

Monday 02 Oct(Day-1) Light to moderate rain with thunder very likely to occur over all the districts of Gangetic West Bengal and Darjeeling, Jalpaiguri, Kalimpong, Coochbehar, Alipurduar districts of Sub Himalayan West Bengal. Light rain with thunder likely to occur over the rest districts of Sub Himalayan West Bengal. No large change in day temperature during next 4-5 days over the land area of the region.

Tuesday 03 Oct(Day-2) Light to moderate rain with thunder very likely to occur over all the districts of Gangetic West Bengal and Darjeeling, Jalpaiguri, Kalimpong, Coochbehar, Alipurduar districts of Sub Himalayan West Bengal. Light rain with thunder likely to occur over the rest districts of Sub Himalayan West Bengal.

Wednesday 04 Oct(Day-3) Light to moderate rain with thunder very likely to occur over all the districts of West Bengal.

Thursday 05 Oct(Day-4) Light to moderate rain with thunder very likely to occur over all the districts of West Bengal.

Friday 06 Oct(Day-5) Light to moderate rain with thunder very likely to occur over all the districts of West Bengal.

Farmer Warning for Farmer for Next Five Days

Monday 02 Oct(Day-1) 1) Heavy rain (07-11 cm) likely to occur at one or two places over South 24 Parganas, East & West Midnapore, Jhargram districts of Gangetic West Bengal and Darjeeling, Jalpaiguri, Kalimpong, Coochbehar, Alipurduar districts of Sub Himalayan West Bengal. 2) Thunderstorm with lightning likely to occur at one or two places over all the districts of West Bengal.

Tuesday 03 Oct(Day-2) 1) Heavy to Very Heavy rain (07-20 cm) very likely to occur at one or two places over Jalpaiguri, Kalimpong, Alipurduar districts of Sub Himalayan West Bengal. 2) Heavy rain (07-11 cm) likely to occur at one or two places over South 24 Parganas, East & West Midnapore, Jhargram districts of Gangetic West Bengal and Darjeeling, Coochbehar districts of Sub Himalayan West Bengal. 3) Thunderstorm with lightning likely to occur at one or two places over all the districts of West Bengal.

Wednesday 04 Oct(Day-3) 1) Heavy to Very Heavy rain (07-20 cm) very likely to occur at one or two places over Coochbehar, Jalpaiguri, Alipurduar districts of Sub Himalayan West Bengal. 2) Heavy rain (07-11 cm) likely to occur at one or two places over South 24 Parganas, East & West Midnapore, Jhargram, Purulia, Bankura, West Burdwan, Birbhum, Murshidabad districts of Gangetic West Bengal and Darjeeling, Kalimpong, North Dinajpur districts of Sub Himalayan West Bengal. 3) Thunderstorm with lightning likely to occur at one or two places over all the districts of West Bengal.

Thursday 05 Oct(Day-4) Heavy rain (07-11 cm) likely to occur at one or two places over West Burdwan, Birbhum, Murshidabad districts of Gangetic West Bengal and Coochbehar, Jalpaiguri, Alipurduar districts of Sub Himalayan West Bengal.

Friday 06 Oct(Day-5) NIL.

Weather Warning for DVC Area for next 24 Hrs

Heavy rain is likely to occur at one or two places over Barakar West and Damodar West during the next 24 hours.

Outlook for Subsequent Two days : Little Change.

TOO: 13.15 IST ,02/10/2023

Dr. G. K. DAS
SCIENTIST-E , KRITIKA MAHANIRDESHAK
Regional Meteorological Centre Kolkata

NB: *Forecast and Warning for any day is valid from 0830hrs IST to 0830 hrs IST of next day. For more information kindly visit www.imdkolkata.gov.in

KOLKATA: OBSERVATIONS RECORDED AT 0830 HOURS IST ON 2-10-2023								
TEMPERATURE(C)			RELATIVE HUMIDITY (%)			RAINFALL		
Station Name	ALP	DD	Station Name	ALP	DD	Station Name	ALP	DD
Max. Past 24 hrs.	30	32	At 0830 hrs. IST	97	92	Past 24 hrs (mm)	41	02
Dep. from normal	-03	-01	Dep. from normal	16	11	Since 1st October	07	109
Min. Past 24 hrs.	26	27	At 1730 hrs I.S.T. on 1-9-2023	94	84			
Dep. from normal	00	02	Dep. from normal	14	04	Dep. from normal	05	107
Air temperature at 0830 hrs I.S.T.	27	27						

NB. Kolkata City (Alipore) = ALP, Kolkata Airport (Dum Dum) = Dum-Dum.

OBSERVATION RECORDED AT 0830 HRS. IST ON 2-10-2023

STATION	TEMPERATURE(C)				RELATIVE HUMIDITY(%)		RAINFALL					WEATHER REMARKS
	MAXIMUM		MINIMUM		At 0830 hours	Departure From Normal	MILLIMETRES			CENTIMETRES		
	Past 24 hours	Departure From Normal	Past 24 hours	Departure From Normal			Past 24 hours	Seasonal total	Departure From Normal	Annual total	Annual Normal	
1	2	3	4	5	6	7	8	9	10	11	12	13
SUB-HIMALAYAN WEST BENGAL AND SIKKIM												
BALURGHAT	32.5	00	27.5	03	96	11	05	16	03	73	161	-
COOCHBEHAR	33.6	00	26.0	03	92	05	07	107	85	302	341	z
DARJEELING	23.0	00	15.6	05	82	-08	06	13	-8	222	269	z
JALPAIGURI	35.6	00	25.4	02	80	-05	02	16	-11	317	332	-
KALIMPONG	24.4	00	20.5	05	97	11	07	15	---	212	229	-
MALDA	32.0	00	26.7	02	87	09	06	33	09	142	152	-
GANGTOK	23.0	00	17.7	04	97	04	07	12	-13	330	380	-
GANGATIC WEST BENGAL												
BANKURA	28.2	00	24.4	00	97	15	04	70	51	110	137	z
BERHAMPORE	31.8	00	27.0	02	91	06	12	16	00	64	141	-
BURDWAN	30.0	00	23.8	-01	82	01	10	28	06	119	138	r
KOLKATA (ALP)	30.3	-03	26.1	00	97	16	41	73	54	134	166	r
KOLKATA (AP)	31.6	-01	26.6	02	92	11	02	1085	1066	239	168	r
DIGHA	34.0	02	25.3	00	96	16	15	16	-5	150	150	r
DIAMOND HARBOUR	30.0	-02	25.6	-00	99	14	14	57	52	164	165	r
KRISHNANAGAR	30.4	00	25.2	01	84	10	06	11	-10	42	132	-
MIDNAPORE	31.5	00	25.8	01	96	17	01	128	111	130	132	-
SRINIKETAN	31.0	00	26.0	01	89	05	38	758	744	187	141	z
ULUBERIA	32.0	00	--	--	89	01	27	96	83	115	160	-
OTHER CAPITAL STATIONS (IN THE REGION)												
PATNA	30.9	-01	25.3	01	89	08	08	13	-7	95	109	m
RANCHI	23.7	-05	22.5	01	100	21	46	76	---	103	0	m
BHUBANESWAR	31.0	-02	25.6	01	97	15	01	17	01	147	157	z
PORT BLAIR	29.2	00	24.6	03	97	13	18	41	13	269	316	r
OTHER STATIONS (OUTSIDE THE REGION)												
BANGALORE	29.4	01	19.2	-01	88	00	00	00	-13	75	91	-
MUMBAI	30.9	00	24.4	00	94	00	03	11	00	303	0	z
CHENNI(A/P)	35.1	02	26.0	01	71	-07	00	00	-10	108	129	-
NEW DELHI (S)	35.3	01	20.1	-03	77	11	00	00	-7	82	77	m
PUNE	29.1	-02	21.0	00	88	04	05	17	07	51	87	d

Weather remarks at 0830 Hrs Ist. Other remarks refer to the preceding 24 hrs. : q-Squall, D-Dust storm, d-drizzle, f-fog, h-hail, l-lightning m-Mist, p-Shower, r-Rain, s-Smoke, t-Thunderstorm, z- Haze, tr(for column number 8,9)-rainfall between 0.1-0.4mm, 00(for column number 10)-departure +(0.1 to 0.4 excluding 0.0)mm, Tr(for column number 11)- rainfall 0.01-0.49cm. The plus sign is omitted when departure are positive.