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**Daily Weather Bulletin for Jharkhand**  
**Thursday, 21<sup>st</sup> February, 2019**

Time: 1300 hrs. IST

- **Realized Weather (during past 24 hrs):** Dry weather prevailed over Jharkhand. **Maximum Temperatures** during last 24 hrs were **No large change (-2.0°C to +2.0°C)** at most places and **departures** were **Normal (-1.5°C to 1.5°C)** at isolated places & **Above normal (1.6°C to 3.0°C)** at many places over Jharkhand. **Minimum temperatures** during last 24 hrs were **No large change (-2.0°C to +2.0°C)** at most places and **departures** were **Normal (-1.5°C to 1.5°C)** & **Above normal (1.6°C to 3.0°C)** each at few places over Jharkhand. The Lowest **minimum** temperature **12.8°C** was recorded at **Kanke-AWS(Ranchi)**.
- **Synoptic feature:** No significant synoptic situation prevails over Jharkhand.
- **Chief amounts of Rainfall (in cm):** NIL
- **Sector wise Forecast for the state of Jharkhand (till noon of 28<sup>th</sup> February 2019):**

Day	Central (Bokaro, Gumla, Hazaribag, Khunti, Ramgarh & <b>Ranchi</b> )	South (Chaibasa, <b>Jamshedpur</b> , Simdega & Saraikela)	NW (Chatara, Garhwa, Koderma, Latehar, Lohardaga & <b>Palamu</b> )	NE (Deoghar, Dhanbad, Dumka, Giridih, Godda, Jamtara, Pakur & Sahebganj)
21.02.19	<b>Dry weather most likely.</b>			
22.02.19				
23.02.19	<b>Light Rain or thunderstorm likely at one or two places in the Central &amp; South Jharkhand.</b>			
24.02.19	<b>Light to moderate Rain or thunderstorm likely at few places in the districts of NW, Central &amp; South Jharkhand</b>			
25.02.19	<b>Light to moderate Rain or thunderstorm very likely at many places, especially in the district of south Jharkhand.</b>			
Outlook for subsequent Two days		<b>Little change.</b>		

- **Sector wise Warning for the state of Jharkhand (for next five days):**

Day	Central (Bokaro, Gumla, Hazaribag, Khunti, Ramgarh & <b>Ranchi</b> )	South (Chaibasa, <b>Jamshedpur</b> , Simdega & Saraikela)	NW (Chatara, Garhwa, Koderma, Latehar, Lohardaga & <b>Palamu</b> )	NE (Deoghar, Dhanbad, Dumka, Giridih, Godda, Jamtara, Pakur & Sahebganj)
21.02.19	<b>NIL</b>			
22.02.19				
23.02.19				
24.02.19	<b>Thunder squall with lightning likely at one or two places in south &amp; central Jharkhand.</b>			
25.02.19	<b>Thunder squall with lightning likely at one or two places.</b>			

- **Local Forecast for RANCHI & neighborhood (for next five days):**

Day	WEATHER FORECAST	Temperature (in °C)	
		Max.	Min.
21.02.19	Mainly clear sky.	31	15
22.02.19	Mainly clear sky.	32	16
23.02.19	Partly cloudy sky with possibility of thundery development.	31	18
24.02.19	Partly cloudy sky with possibility of rain or thunderstorm.	27	16
25.02.19	Generally cloudy sky with one or two spells of rain or thundershower	26	14

➤ Observations recorded at 08:30 hrs. IST of 21.02.2019:

STATION NAME	TEMPERATURE				RAINFALL (mm)		RELATIVE HUMIDITY (%)	
	Max. Past 24 Hrs.	Dep. From Normal	Min. Past 24 Hrs.	Dep. From Normal	Past 24 Hrs.	Since 1 <sup>st</sup> January'19	Max Past 24 Hrs.	Min Past 24 Hrs.
Ranchi	30.0	+2.6	14.2	+0.9	000.0	037.4	70	27
Jamshedpur	33.4	+2.7	15.9	+0.7	000.0	022.7	80	24
Daltonganj	32.4	+2.7	15.6	+3.0	000.0	015.8	78	25
Bokaro	30.1	+2.3	14.1	+2.6	000.0	027.0	68	36
Chaibasa	33.4	+3.9	15.8	+0.9	000.0	017.1	58	49
Kanke-AWS	27.5	-	12.8	-	000.0	--	-	-
Darisai-AWS	31.5	-	14.1	-	--	--	--	--
Pakur-AWS	31.6	-	15.3	-	000.0	--	-	-

Dr. S.D. Kotal  
Scientist-E & Director  
Meteorological Centre, Ranchi

Terms used for Description of temperatures

<u>24 hrs temperature</u>	<u>Temperature departures</u>
<u>Marked fall (-4.1°C or less)</u>	<u>Markedly below normal (-5.0°C or less)</u>
<u>Appreciable fall (-2.1°C to -4.0°C)</u>	<u>Appreciably below normal (-3.1°C to -5.0°C)</u>
<u>No large change (-2.0°C to +2.0°C)</u>	<u>Below normal (-1.6°C to -3.0°C)</u>
<u>Appreciable rise (2.1°C to 4.0°C)</u>	<u>Normal (-1.5°C to 1.5°C)</u>
<u>Marked rise (4.1°C or more)</u>	<u>Above normal (1.6°C to 3.0°C)</u>
	<u>Appreciably above normal (3.1°C to 5.0°C)</u>
	<u>Markedly above normal (5.0°C or more)</u>

**LEGEND:**

Distribution of rainfall		Probability of occurrence of the rainfall at places :		
% of rainfall stations	Category	Colour code for WARNING	Probabilistic Forecast	
76% or more	WS (Most)	WARNING (TAKE ACTION)	Unlikely	<25 %
51-75%	FWS (Many)	ALERT (BE PREPARED)	Likely	25 – 50 %
26-50%	SCT (Few)	WATCH (BE UPDATED)	Very Likely	50 – 75 %
Less than 25 %	ISOL	NO WARNING (NO ACTION)	Most Likely	> 75 %
Less than 2.5 mm at any places over the Sub-Division	MDRY			
0.0 mm in all the stations	DRY			
RS – Rain, TS – Thunder Shower, SQ –Squall				