

**GOVERNMENT OF INDIA  
MINISTRY OF EARTH SCIENCES  
RAJYA SABHA  
UNSTARRED QUESTION No. 3386  
TO BE ANSWERED ON MONDAY, MARCH 26, 2018**

**ASSESSMENT OF WINTER RAINFALL**

**3386. SHRI NARAYAN LAL PANCHARIYA:**

**Will the Minister of EARTH SCIENCES be pleased to state:**

- (a) whether Government has made any assessment of winter rainfall this year;**
- (b) if so, details thereof and if not, reasons therefor;**
- (c) whether winter rainfall has been deficient in any State;**
- (d) if so, details thereof; and**
- (e) the details regarding quantum of winter rainfall in Rajasthan against the longer term average?**

**ANSWER**

**MINISTER FOR MINISTRY OF SCIENCE AND TECHNOLOGY  
AND MINISTRY OF EARTH SCIENCES  
(DR. HARSH VARDHAN)**

- (a)-(b) Yes Sir. India Meteorological Department (IMD), MoES has made assessment of observed rainfall during winter season (January-February), 2018. The country as a whole has received only 37% of normal rainfall during the winter season of 2018 [Actual rainfall: 15.4 mm; Normal rainfall: 41.4 mm].**
- (c)-(d) Winter seasonal rainfall has been deficient in 32 States and UTs. Seasonal State wise rainfall statistics for Winter-2018 are given in the Annexure-1 for reference.**
- (e) Rajasthan has got -98% of the longer term average rainfall [Actual rainfall: 0.2 mm; Normal rainfall: 09.1 mm; %Departure from normal: -98%] during winter season-2018 (01-01-2018 to 28-02-2018).**

**STATE-WISE RAINFALL (MM) DISTRIBUTION**

S. NO.	STATES	PERIOD: 01.01.2018 TO 28.02.2018		% DEP.	CAT.
		ACTUAL	NORMAL		
<b>EAST &amp; NORTH EAST INDIA</b>					
1	ARUNACHAL PRADESH	98.9	148.1	-33%	D
2	ASSAM	20.7	48.4	-57%	D
3	MEGHALAYA	17.8	40.2	-56%	D
4	NAGALAND	13.7	47.5	-71%	LD
5	MANIPUR	9.3	46.0	-80%	LD
6	MIZORAM	8.0	39.4	-80%	LD
7	TRIPURA	17.9	44.7	-60%	LD
8	SIKKIM	57.4	143.6	-60%	LD
9	WEST BENGAL	1.8	33.9	-95%	LD
10	JHARKHAND	4.1	33.4	-88%	LD
11	BIHAR	0.4	23.0	-98%	LD
<b>NORTH WEST INDIA</b>					
1	UTTAR PRADESH	5.4	30.9	-83%	LD
2	UTTARAKHAND	33.7	106.2	-68%	LD
3	HARYANA	10.4	32.4	-68%	LD
4	CHANDIGARH (UT)	55.2	83.2	-34%	D
5	DELHI	4.8	32.7	-85%	LD
6	PUNJAB	24.1	49.5	-51%	D
7	HIMACHAL PRADESH	55.1	195.5	-72%	LD
8	JAMMU & KASHMIR	79.5	212.9	-63%	LD
9	RAJASTHAN	0.2	9.1	-98%	LD
<b>CENTRAL INDIA</b>					
1	ODISHA	0.4	31.8	-99%	LD
2	MADHYA PRADESH	10.4	23.3	-55%	D
3	GUJARAT	0.0	0.8	-99%	LD
4	DADRA & NAGAR HAVELI (UT)		0.2		*
5	DAMAN & DIU (UT)	0.0	0.5	-100%	NR
6	GOA	0.0	0.6	-98%	LD
7	MAHARASHTRA	8.0	8.2	-3%	N
8	CHHATISGARH	12.6	20.8	-39%	D

<b>SOUTH PENINSULA</b>					
<b>1</b>	<b>A &amp; N ISLAND (UT)</b>	<b>203.5</b>	<b>82.9</b>	<b>145%</b>	<b>LE</b>
<b>2</b>	<b>ANDHRA PRADESH</b>	<b>2.0</b>	<b>13.2</b>	<b>-85%</b>	<b>LD</b>
<b>3</b>	<b>TELANGANA</b>	<b>2.5</b>	<b>11.3</b>	<b>-78%</b>	<b>LD</b>
<b>4</b>	<b>TAMILNADU</b>	<b>16.7</b>	<b>30.8</b>	<b>-46%</b>	<b>D</b>
<b>5</b>	<b>PUDUCHERRY (UT)</b>	<b>40.2</b>	<b>56.7</b>	<b>-29%</b>	<b>D</b>
<b>6</b>	<b>KARNATAKA</b>	<b>2.4</b>	<b>3.8</b>	<b>-37%</b>	<b>D</b>
<b>7</b>	<b>KERALA</b>	<b>17.1</b>	<b>24.3</b>	<b>-30%</b>	<b>D</b>
<b>8</b>	<b>LAKSHADWEEP (UT)</b>	<b>12.8</b>	<b>35.5</b>	<b>-64%</b>	<b>LD</b>
<b>COUNTRY AS A WHOLE</b>		<b>15.4</b>	<b>41.4</b>	<b>-63%</b>	
<b>LEGEND: Large Excess (LE); Excess (E); Normal (N); Deficient (D); Large Deficient (LD); No Rain (NR); No Data (ND)</b>					