

**GOVERNMENT OF INDIA  
MINISTRY OF EARTH SCIENCES  
LOK SABHA  
UNSTARRED QUESTION No. 4262  
TO BE ANSWERED ON WEDNESDAY, MARCH 21, 2018**

**DECLINE IN RAINFALL**

**4262. SHRI LAKHAN LAL SAHU:  
SHRI RAJU SHETTY:**

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

- (a) whether the rainfall in the ensuing monsoon is expected to remain below average and if so, the details thereof;**
- (b) whether the Government has conducted any assessment to ascertain the reasons for declining rainfall and if so, the details thereof and the expected loss likely to be suffered by the farmers due to the possible drought;**
- (c) the alternative sources of water supply in case of failure of monsoon;**
- (d) whether the Government has categorized different parts of the country as excess, normal and deficient rainfall areas on the basis of rainfall during the last three years and if so, the details thereof, State-wise/year-wise/category-wise; and**
- (e) whether the Government has explored the possibilities to divert rain water from excess rainfall areas to deficient rainfall areas and if so, the detail thereof?**

**ANSWER**

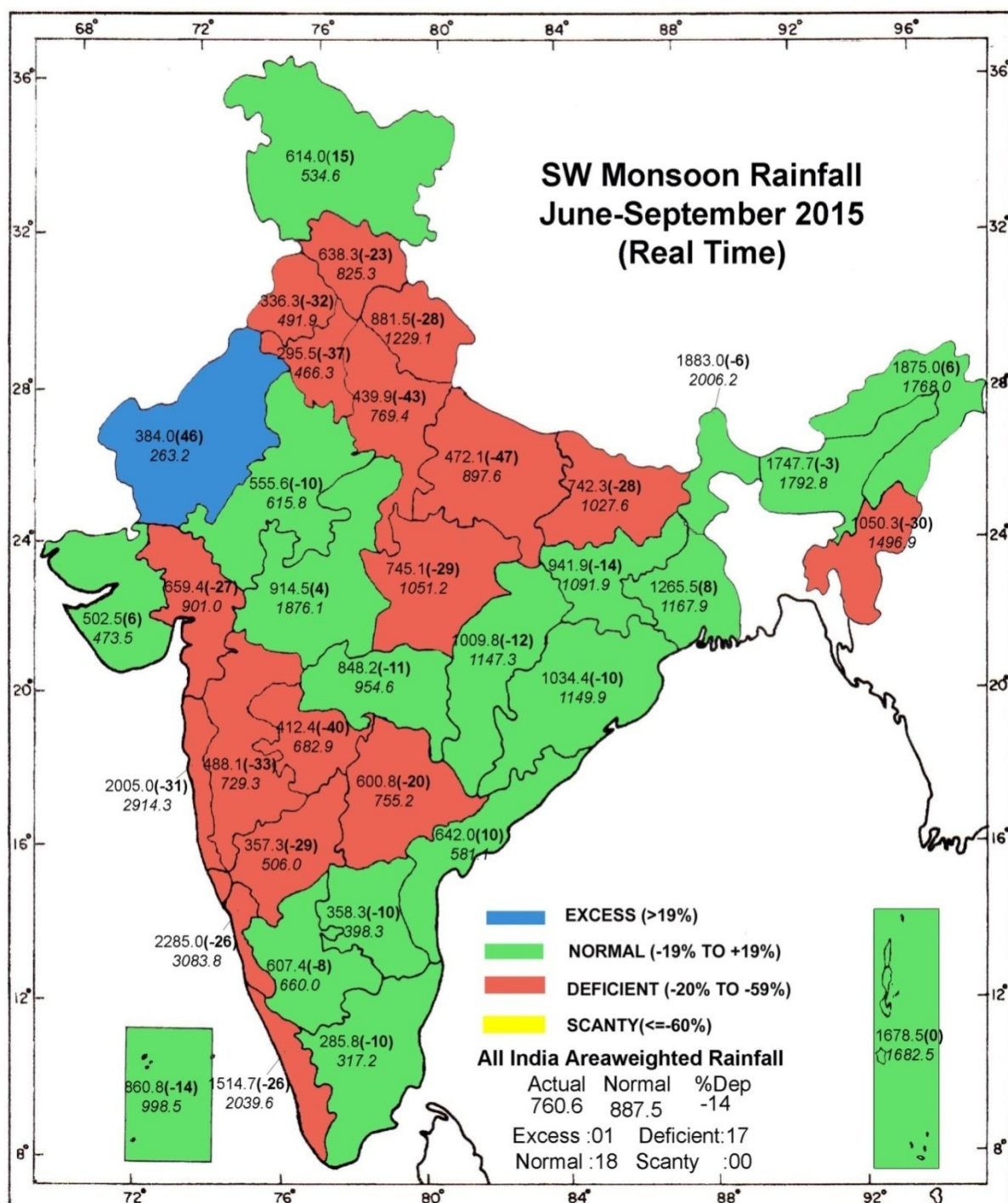
**MINISTER FOR MINISTRY OF SCIENCE AND TECHNOLOGY  
AND MINISTRY OF EARTH SCIENCES  
(DR. HARSH VARDHAN)**

- (a) Madam, so far IMD has not issued any operational forecast for the 2018 monsoon season as the data of predictors used for generating forecast will be available only after 10<sup>th</sup> of April. The first forecast for the seasonal rainfall over the country as a whole will be issued around middle of April, 2018.**
- (b) All India Summer Monsoon rainfall time series shows no statistically significant trend during the period 1871-2017 though it shows a slight decreasing tendency in the recent 3 decades.**
- (c) Requisite information is not available with this ministry.**
- (d) IMD has categorized different parts of the country into various categories on the basis of rainfall. The maps indicating seasonal rainfall categories for the last three years are given in the Appendix-1. As seen in the map, the rainfall categories used are; Excess, Normal, Deficient & Scantly.**

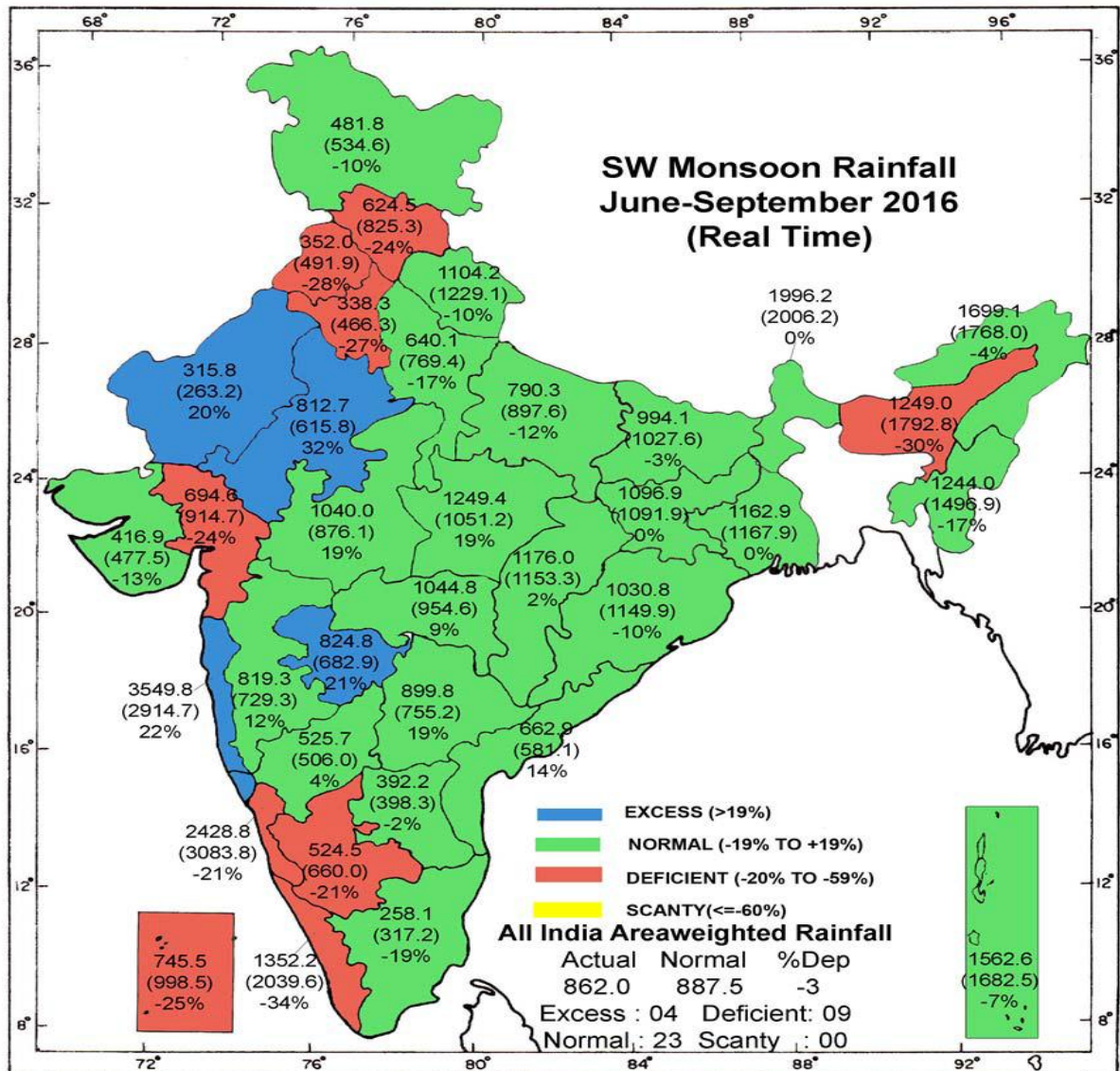
- (e) **The National Perspective Plan (NPP) was prepared by the then Ministry of Irrigation, now Ministry of Water Resources, River Development & Ganga Rejuvenation (MoWR, RD & GR) in August 1980 for water resources development through inter basin transfer of water, for transferring water from water surplus basins to water-deficit basins. Under the NPP, the National Water Development Agency (NWDA) has identified 30 links (16 under Peninsular Component & 14 under Himalayan Component) for preparation of Feasibility Reports. The Pre-Feasibility Report of the all 30 links have been prepared and circulated to the concerned State Governments by the NWDA. After survey and investigations, Feasibility Reports of 14 links under Peninsular Component and Feasibility Reports of 2 links and draft Feasibility Reports of 7 links (Indian portion) under Himalayan Component have been completed.**

# Appendix-1

## भारत मौसम विज्ञान विभाग INDIA METEOROLOGICAL DEPARTMENT



भारत मौसम विज्ञान विभाग  
INDIA METEOROLOGICAL DEPARTMENT





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