



No.Dr-5/DRT/ADV/2014-15/
Pakistan Meteorological Department
National Drought Monitoring Centre
Meteorological Headquarters
Islamabad, Pakistan

Islamabad the 6th June, 2018

SUBJECT: DROUGHT ALERT

As predicted during Jan-May 2018, below normal rainfall has been recorded over most parts of the country. The winter months (Jan-Mar) 2018 received -62% well below normal rainfall whereas (Apr-May) 2018, it was -9.9% near normal and (Jan-May) 2018, it was -44.9% below normal rainfall over Pakistan. The complete detail is as under;

	Jan	Feb	Mar	Apr	May	Jan-Mar	Apr-May	Jan-May
Balochistan	-100.0	-51.8	-48.4	-7.3	-67.1	-63.2	-32.9	-55.3
Sindh	-100.0	-85.0	-88.3	-81.8	20.9	-73.7	-29.3	-70.7
Punjab	-97.0	-51.0	-55.1	9.5	-22.1	-88.7	-39.5	-42.7
KP	-98.3	-69.4	-64.1	-42.9	-1.7	-63.2	-4.0	-58.7
GB/AJK	-99.7	-79.8	-8.1	-66.2	-60.5	-56.6	-64.6	-61.5
Pakistan	-96.8	-53.4	-49.6	-10.3	-9.4	-62.0	-9.9	-44.9

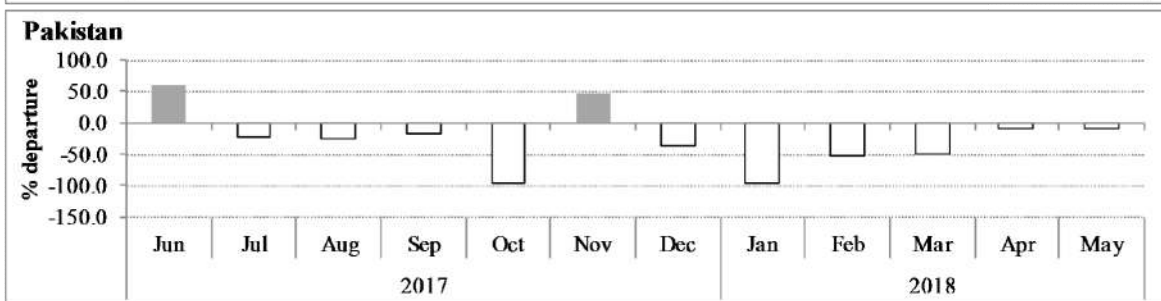
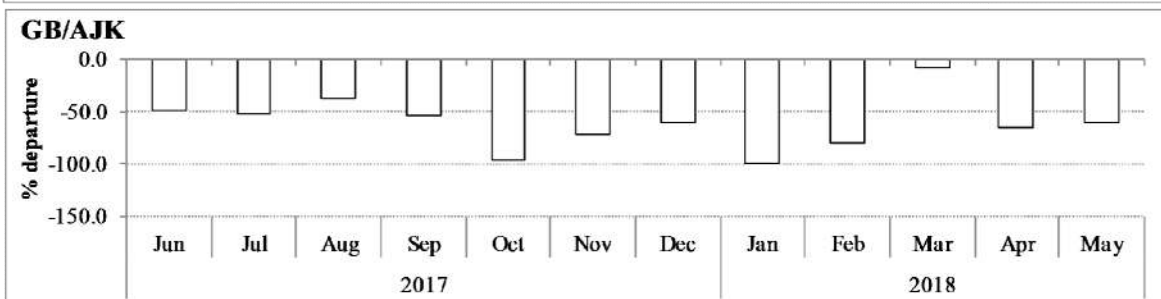
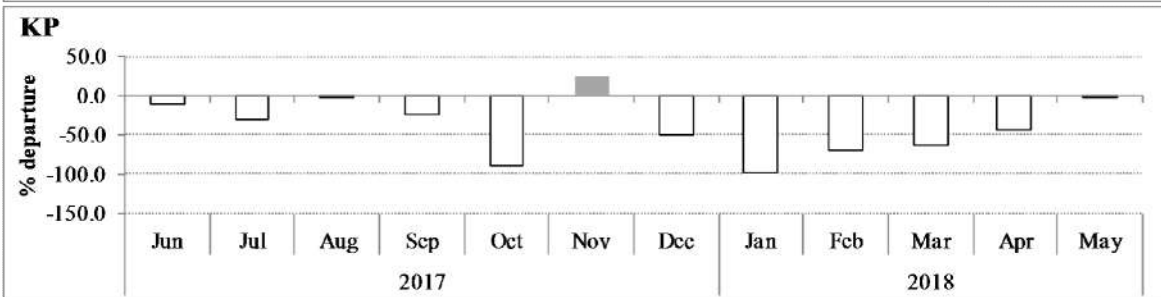
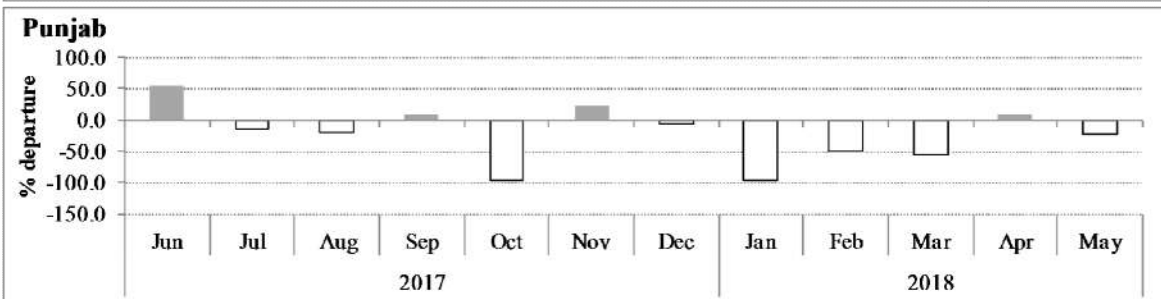
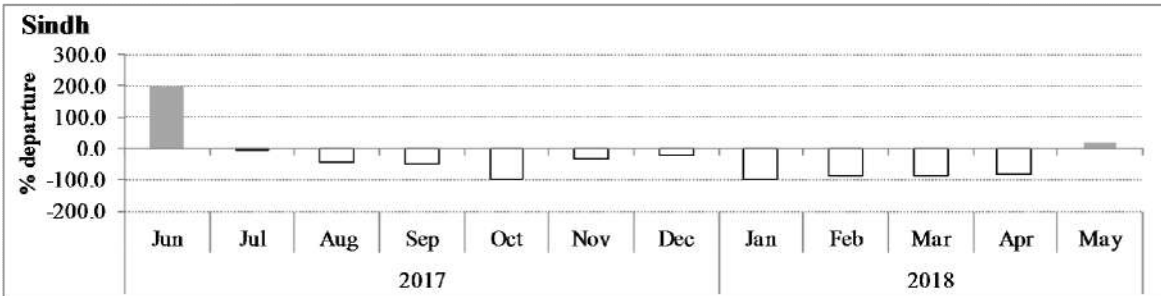
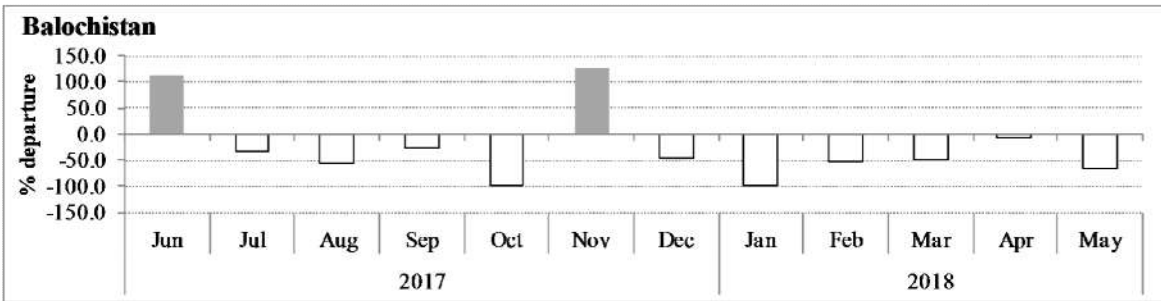
Due to deficient rainfall, drought like conditions have emerged over the most parts of Pakistan. The moderate to severe drought is prevailing in barani areas of punjab, lower KP, south Punjab, southwest Balochistan and southeast Sindh. Dry condition was observed in southern parts of the country during the past five months. This dry condition caused water stress in the agriculture areas of the country that demands availability of more supplementary irrigation water for Kharif crops

The water availability in major reservoirs is low, however, water situation in the major dams will improve with the increase of temperature. Small dams (situated near Islamabad) are at critical level and ground water boring and wells become dry (up to the depth of 150 feet) in most areas of Islamabad and Rawalpindi. It is therefore advised to all stakeholders for an immediate water management strategy to avoid negative impacts of deficit rainfall on water and agriculture sector.

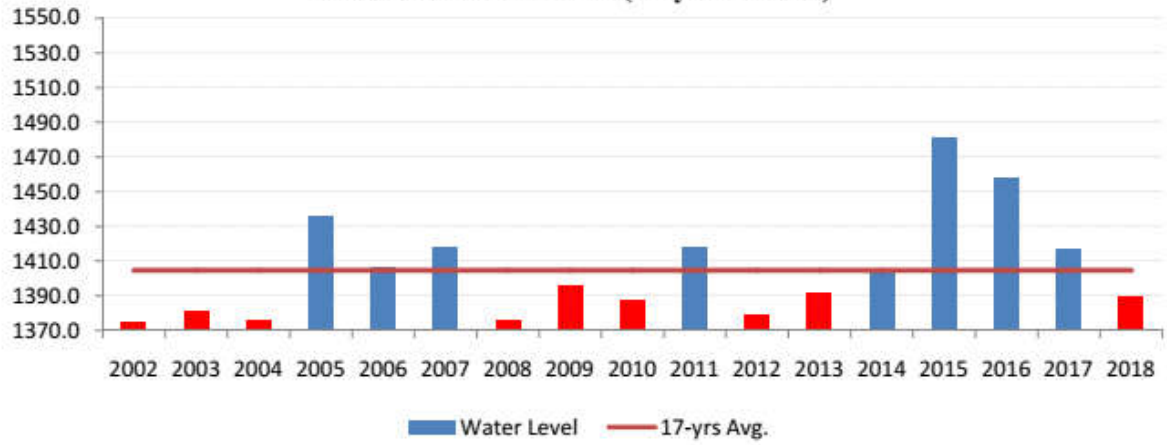
More detailed data and analysed maps may be accessed from National Drought Monitoring Centre of PMD website <http://www.pmd.gov.pk/ndmc/index.htm>

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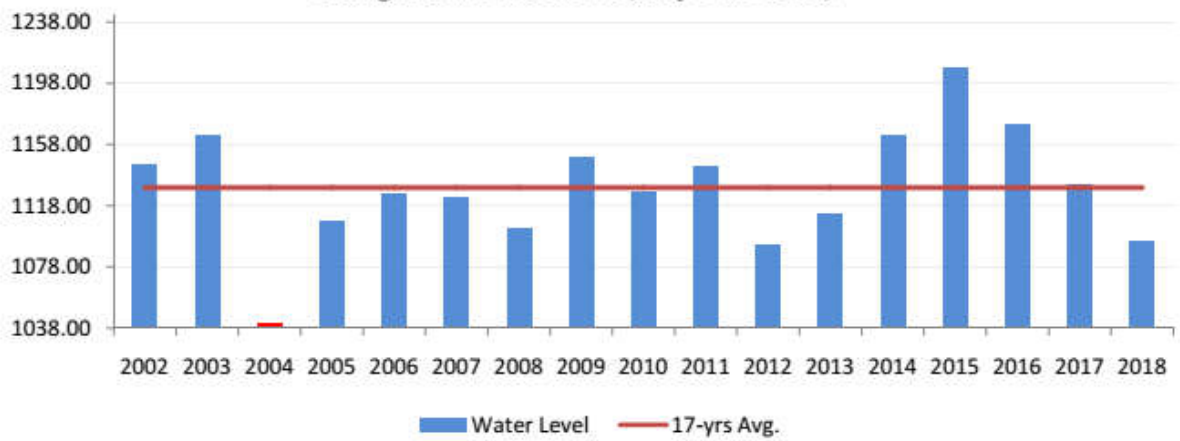
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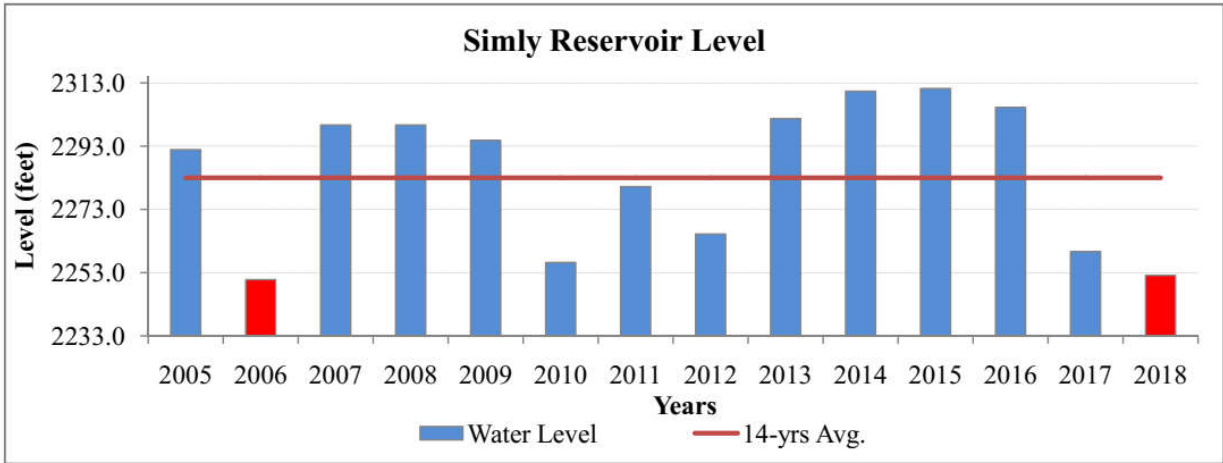
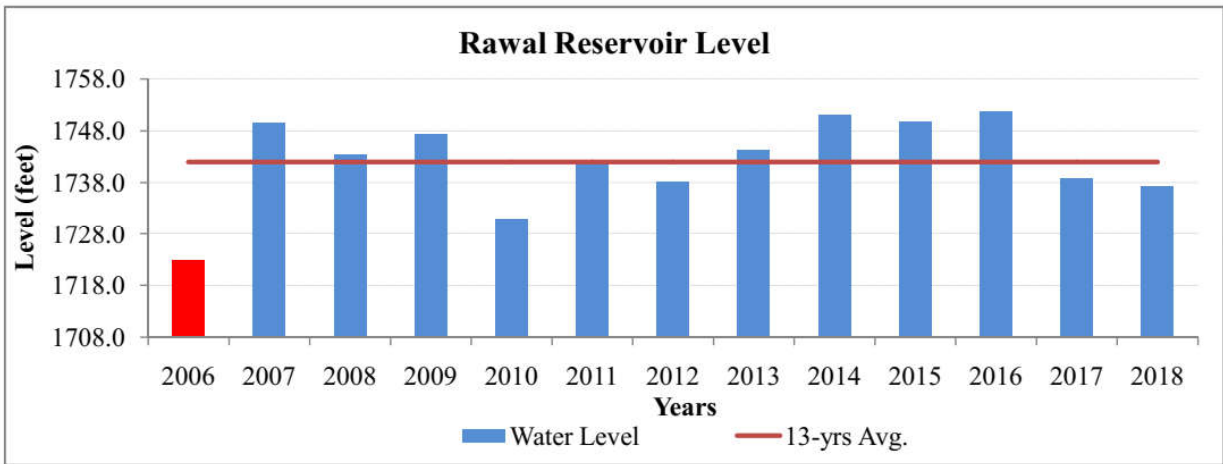
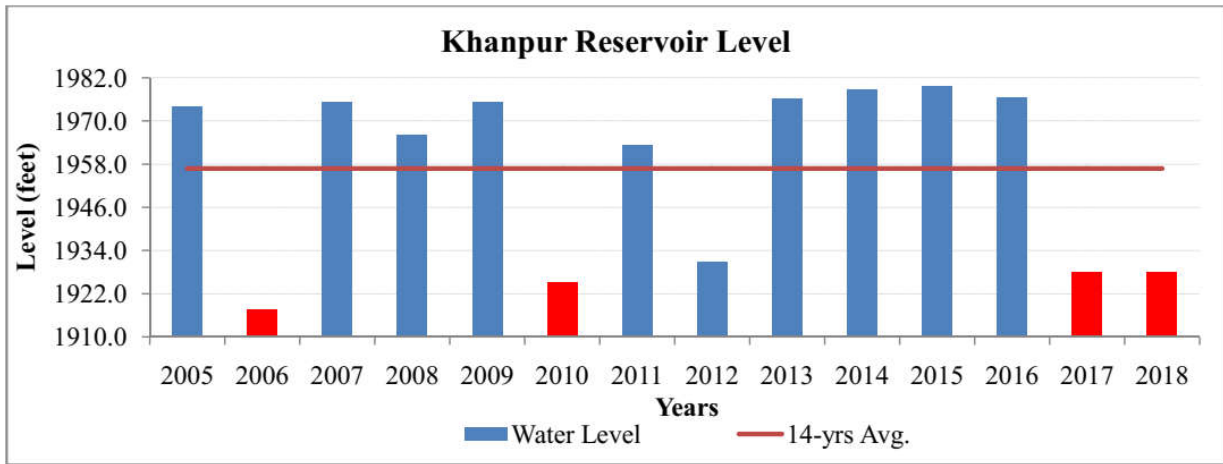


Tarbella Reservoir Level (May 2002-2018)

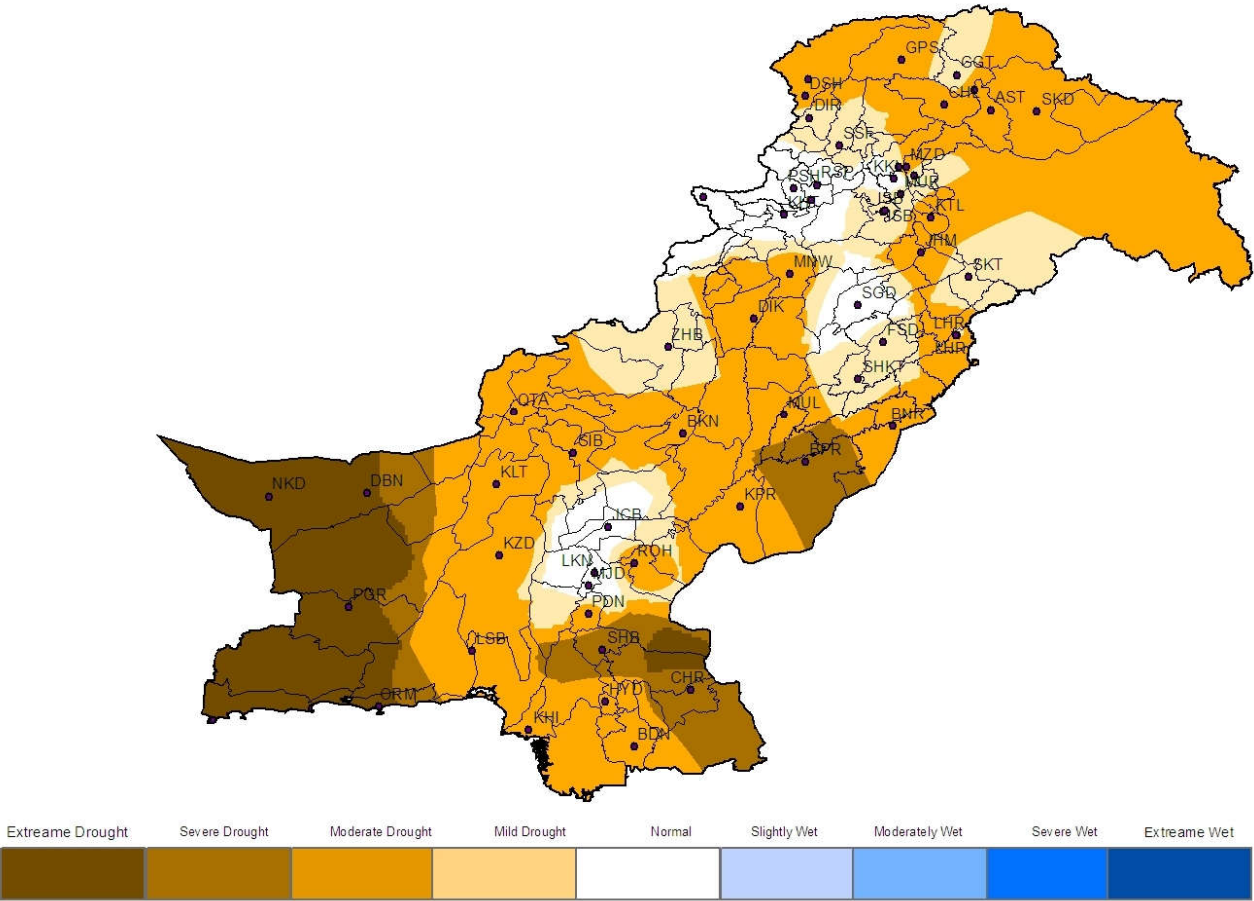


Mangla Reservoir Level (May 2002-2018)

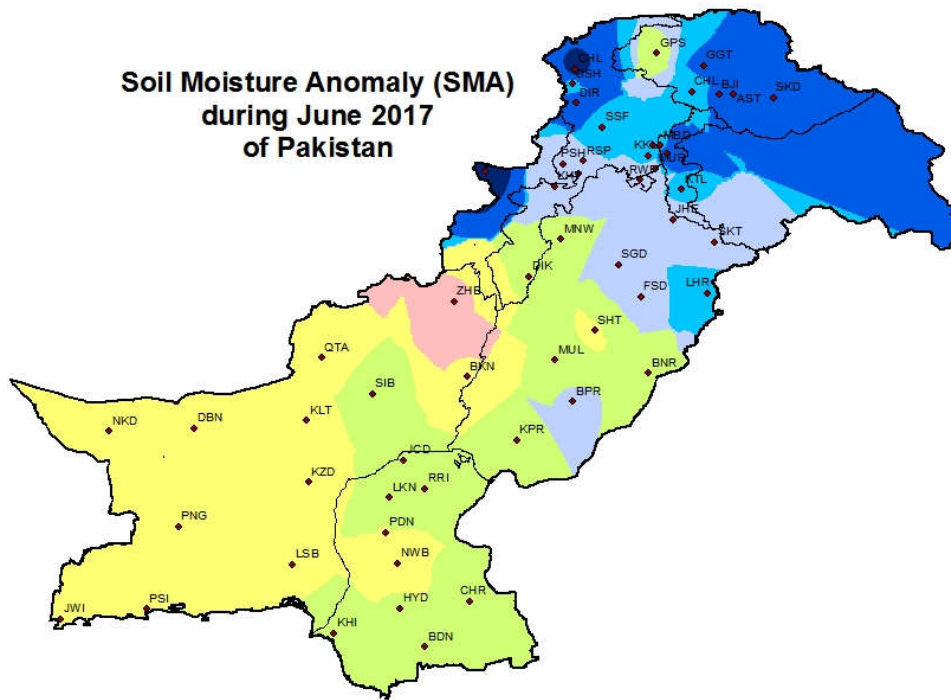




DROUGHT CONDITON OF PAKISTAN 2018



**Soil Moisture Anomaly (SMA)
during June 2017
of Pakistan**

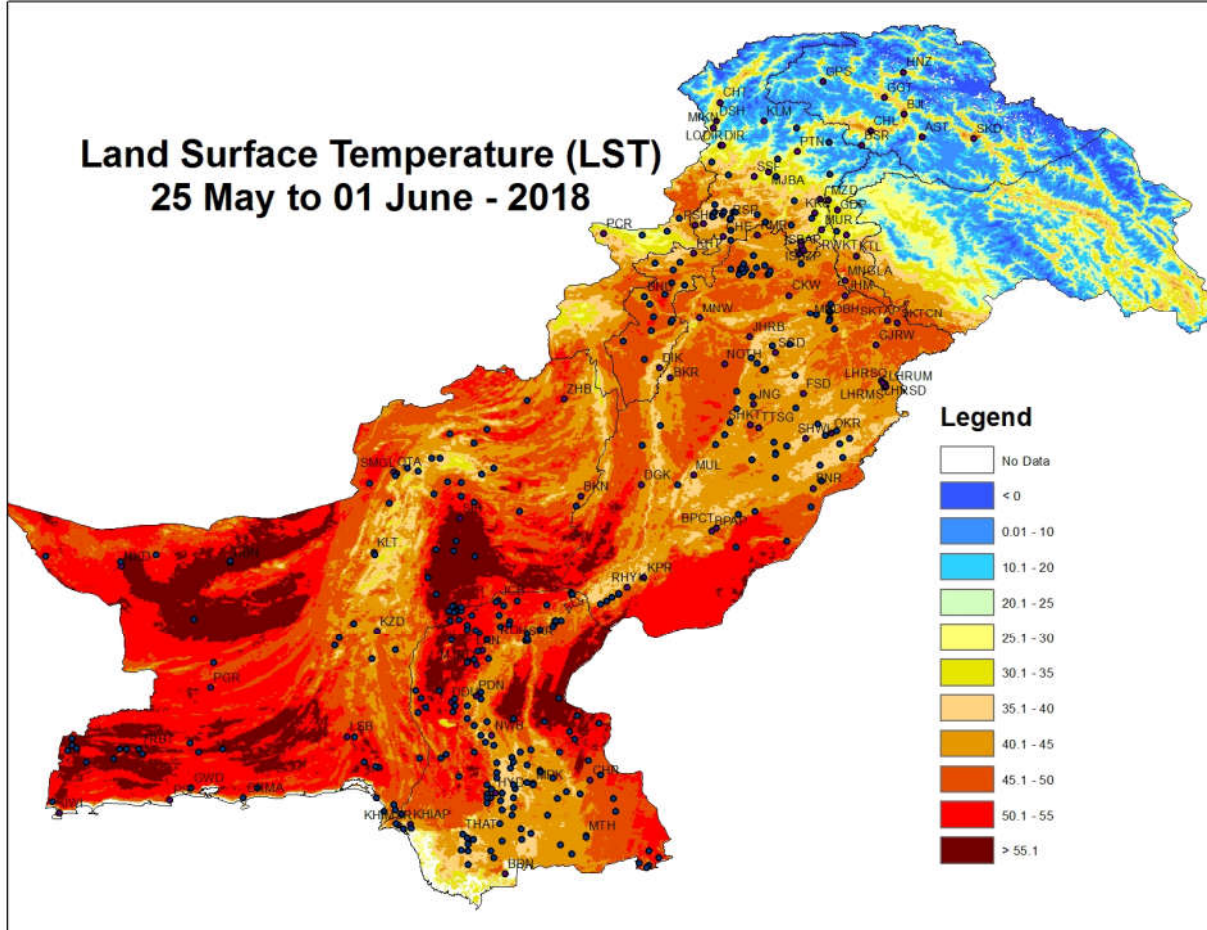


**Soil Moisture Anomaly
(mm)**



Source: Pakistan Meteorological Department

Land Surface Temperature (LST) 25 May to 01 June - 2018



TVDI 17 May to 01 June - 2018

