



Ref: CR-303/2022

Date: 17-5-2022

## PDMA

To

1. The Deputy Commissioners Rahim Yar Khan, Bahawalpur & DG Khan,
2. The Managing Director Cholistan Development Authority, Bahawalpur,
3. The Project Director Koh-e-Suleman Authority, DG Khan
4. The Political Agent, DG Khan

Subject: **DROUGHT ALERT for South Punjab**

I am directed to refer to the subject cited above and to enclose herewith the Drought Alert issued by Pakistan Meteorological Department, National Drought Monitoring Center (NDMC), Islamabad received through National Disaster Management Authority, Islamabad.

According to the forecast/Drought Alert, severity of drought like conditions (Mid-Drought like conditions) is likely to prevail in South Punjab.

In view of above, I am further directed to request you to kindly ensure following measure in addition to any precautionary steps deemed necessary as per specific conditions of the respective areas:

- a. Water management and awareness among farmers for protection of crops and plantations.
- b. Advocacy at grass root level to ensure avoidance of exposure of livestock due to water stress.
- c. Management of water in reservoirs due to increased energy demand.
- d. Provision of minimum essential water for consumption of humans and cattle.
- e. Alert health/medical services, paramedics and rescue department and instruct them to maintain requisite facilities.
- f. In case of any eventuality, routine updates will be share with PDMA.

*MUH*  
*Chel*  
*17/05/22*  
DIRECTOR PDMA

Provincial Disaster Management Authority, Punjab

CC:-

1. Chief Secretary, Punjab, Lahore.
2. Addl. Chief Secretary, South Punjab, Lahore.
3. SMBR/Relief Commissioner, Punjab, Lahore
4. Commissioner, Rawalpindi, Gujranwala, Lahore, D.G Khan, Sargodha.
5. Director General, PDMA, Punjab,
6. Additional Secretary (Social Sector) CM Office.
7. PSO to Minister Disaster Management, Punjab.

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# Pakistan Meteorological Department

National Drought Monitoring Centre (NDMC)

Meteorological Headquarters

Islamabad, Pakistan

Islamabad, 16<sup>th</sup> May 2022

## SUBJECT: DROUGHT ALERT-I

The country overall received slightly below normal (-21.6%) rainfall from January to April 2022. Due to a good amount of rainfall during January, the previous drought conditions became normalized. The intermittent rainfall spell for the rest of the months helped to sustain the normal conditions in the country. The rainfall departure (%) detail is as under: ...

Table-I Area weighted rainfall departure (%) from January to April 2022

	2022				January to April
	January	February	March	April	
Balochistan	178.8	-89.3	-68.0	-79.6	-17.0
Sindh	690.9	-95.1	-49.6	-53.4	69.4
KP	115.8	-67.2	-67.7	-74.1	-39.6
Punjab	254.7	-65.2	-72.6	-90.5	-16.3
GB/Kashmir	102.9	-41.2	-48.2	-65.4	-25.0
Pakistan	181.8	-71.9	-64.6	-76.5	-21.6

2. Due to an abrupt increase in daily maximum temperature, the heatwave situation was observed from mid of March till the date and land surface temperature remained very high (Fig-1) which affected the low rainfall region i.e., Sindh, Balochistan, south Khyber Pakhtunkhwa and southern Punjab (Cholistan region). Keeping in view the impact of the heatwave, the drought-like situation has emerged over most of the high-temperature regions of the country.
3. Most districts of the west to south-west Balochistan are winter rainfall dominant and rainfall amount lies between 71 to 231mm. The heatwave suppressed the moisture conditions and resulted in the severe drought-like condition in the **Chagi** district whereas moderate conditions have emerged over the **Kharan, Nushki and Washuk** districts of Balochistan. Similarly, mild drought conditions have arisen in Sindh, south Punjab and southern Khyber Pakhtunkhwa (Fig-2).
3. Keeping in view the climatology and current seasonal forecast of PMD for these areas, drought conditions may exacerbate and affect the agriculture, water resources and live stocks till mid of June 2022 (before the arrival of the summer monsoon). Dry conditions will cause water stress in the cultivated lands/areas of the country due to the limited supply of irrigation water for Kharif crops.
4. It is advised to all stakeholders to take pre-emptive measures for disaster-prone districts. Farmers/agriculturists are advised to keep themselves updated on the PMD website <http://www.pmd.gov.pk>.
5. NDMC is continuously monitoring drought situations over the country and keeping the stakeholders and general public updated by issuing drought information on a weekly, fortnightly and monthly basis.

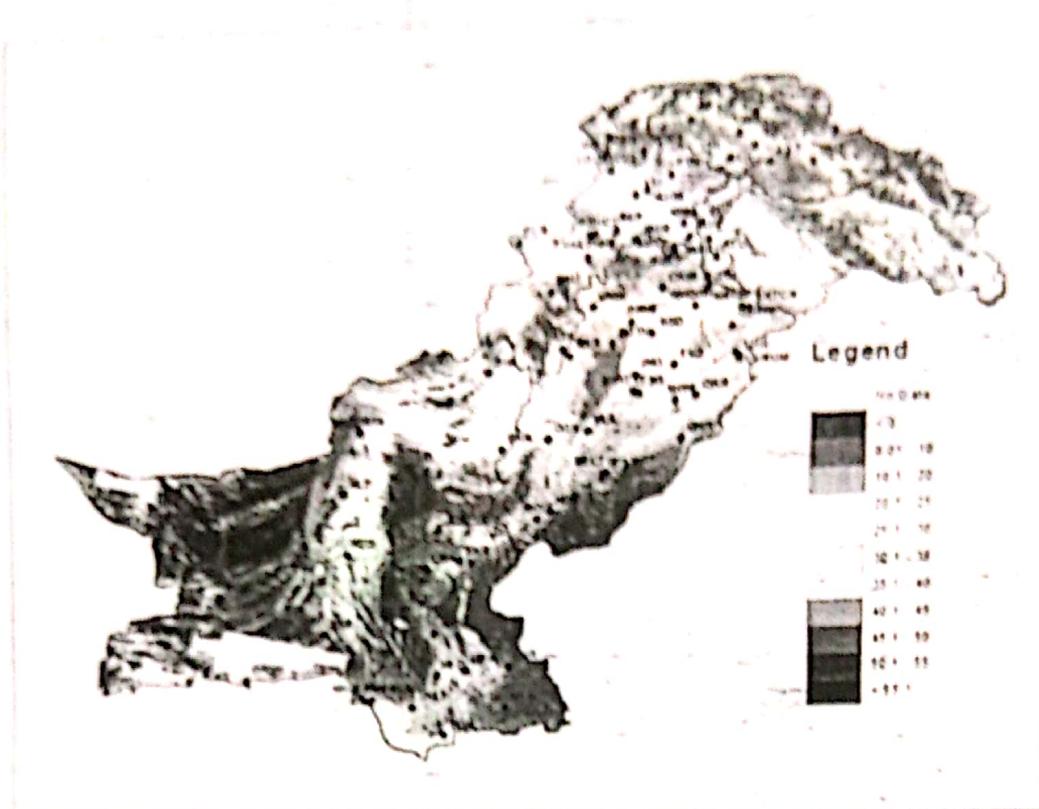


Figure 1 Land Surface Temperature (LST) °C of Pakistan April 2022

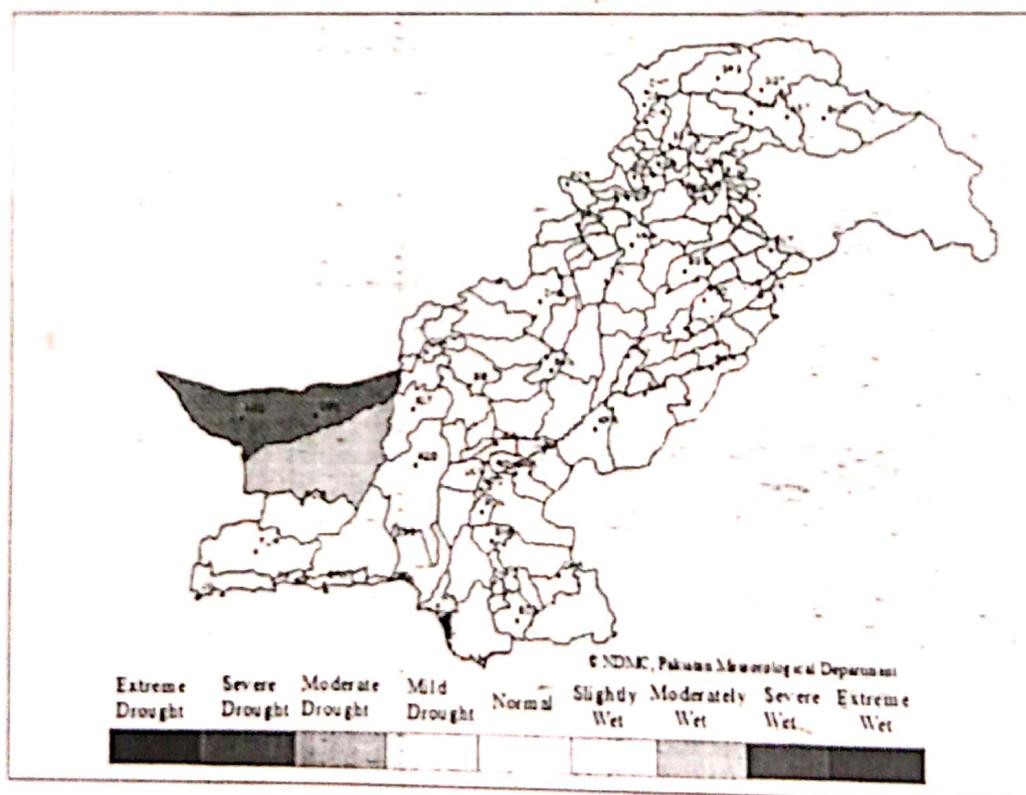


Figure 2 Drought condition of Pakistan May 2022-