

Drought Classification Table Page 1

Ranges

Category	Description (Drought Severity)	Possible Impacts	Group 1: Palmer Drought Severity Index (PDSI)	Group 1: Standardized Precipitation Index (SPI)	Group 2: USDA Soil Moisture (8 in.)	Group 2: USDA Soil Moisture (20 in.)
D0	Abnormally Dry	<p>Going into drought:</p> <ul style="list-style-type: none"> • Short-term dryness slowing planting, growth of crops or pastures <p>Coming out of drought:</p> <ul style="list-style-type: none"> • Some lingering water deficits • Pastures or crops not fully recovered 	-1.0 to -1.9	-0.5 to -0.7	21 to 30	21 to 30
D1	Moderate Drought	<ul style="list-style-type: none"> • Some damage to crops, pastures • Streams, reservoirs, or wells low, some water shortages developing or imminent. • Voluntary water-use restrictions requested 	-2.0 to -2.9	-0.8 to -1.2	11 to 20	11 to 20
D2	Severe Drought	<ul style="list-style-type: none"> • Crop or pasture losses likely • Water shortages common • Water restrictions imposed 	-3.0 to -3.9	-1.3 to -1.5	6 to 10	6 to 10
D3	Extreme Drought	<ul style="list-style-type: none"> • Major crop/pasture losses • Widespread water shortages or restrictions 	-4.0 to -4.9	-1.6 to -1.9	3 to 5	3 to 5
D4	Exceptional Drought	<ul style="list-style-type: none"> • Exceptional and widespread crop/pasture losses • Shortages of water in reservoirs, streams, and wells creating water emergencies. 	-5.0 or less	-2.0 or less	0 to 2	0 to 2

Drought Classification Table Page 2

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Category	Description (Drought Severity)	Group 4: Reported Impacts	Group 3: USGS Hydrologic Unit Runoff	Group 3: NRCS Peak Snow Water Equivalent (SWE)	Group 3: NRCS Reservoir Storage	Group 4: Vegetation Drought Response Index (VegDRI)
D0	Abnormally Dry		25 - 75	50 - 62.5	>100%	Pre-Drought Stress
D1	Moderate Drought		10 - 24	37.5 - 50	75 - 100%	Moderate Drought
D2	Severe Drought		10 - 24	25 - 37.5	50 - 75%	Severe Drought
D3	Extreme Drought		<10	12 - 25	25 - 50%	Extreme Drought
D4	Exceptional Drought		Lowest	0 - 12.5	<25%	Extreme Drought