Summary

NSW DCP Summary Statement for December 1, 2024 Monitoring Period:

- NSW DCP monitoring stage remains at Stage 0: No Drought.
- All other indicators are Stage 0!
- Future trend indicators show the conditions may be improving. NOAA's one-month outlooks forecast above normal temperatures and near-average precipitation. The three-month outlooks forecast normal temperatures and above average precipitation. Detroit Lake Inflow forecasts will return monthly in January 2025.
- Check out the UMRB Drought Indicators Map for more detailed drought data including groundwater trends, vegetation health, a standardized precipitation index, soil moisture, and more. Simply choose the variables you would like to see in the dropdown bar in the Control Panel on the left side of the map.

Future Trend Indicators

Category	***Description***	***1-Month Temp. Outlook***	***3-Month Temp. Outlook***	***1-Month Precip. Outlook***	***3-Month Precip. Outlook***	***NRCS Summary Report, Detroit Lake Inflow Forecast (Current month thru September, % Median)***
+1	Trend Improving	Below mean temps predicted	**Below mean temps predicted**	Above mean precip predicted	**Above mean precip predicted**	>115
0	Trend Neutral or Mixed	Normal temps predicted	Normal temps predicted	**Normal precip predicted**	Normal precip predicted	**115 to 85**
-1	Trend Worsening	**Above mean temps predicted**	Above mean temps predicted	Below mean precip predicted	Below mean precip predicted	<85

Drought Stage Calculator

Drought Stage	Enter # of Indicators Per Stage from Table 7	Multiply Column 1 x Column 2
0	11	0
1	0	0
2	0	0
3	0	0
4	0	0
	(a) Total of Column 3	**=0**
	(b) #of indicators recorded this monitoring period	**=11**
	Divide (a) by (b) and then round to whole number	**= Drought Stage 0**

Date: December 1, 2024		Indicators and Indices											
		National Indices	***NSW Climate Indicators***		***NSW Hydrologic Indicators***					***NSW Environmental Indicator***		***NSW Socioeconomic Indicator***	
NSW Drought Stage	Definition/Possible Impacts	US Drought Monitor (Weekly Update)	Air Temperatures (1 month departure from normal, °F)	Precip. (% of Normal for Water Year)	Snowpack (% normal SWE)	Detroit Reservoir (Percent above water control diagram)	USGS 7-day Flow (drought), N. Santiam @ Greens Bridge near Jefferson (Class, Percentile)	USGS 7-day Flow (drought), N. Santiam @ Mehama (Class, Percentile)	USGS 7-day Flow (drought), N. Santiam @ Below Boulder Creek (Class, Percentile)	Stream Water Temp, N. Santiam @ Greens Bridge near Jefferson (°C above TMDL threshold, Sept 1 – June 15 = 13.0°C June 16 – Aug 31 = 16.0°C)	Wildfire Hazard (ODF/National Fire Danger Rating System)	Detroit Reservoir --Boat Ramps Served (key elevations, feet)	Salem Water Supply Availability (7-day discharge in cfs at Mehama gauge)(also record percent of normal-mean as supplemental info)
	Indicator Monitoring Period	***All Year***	***All Year***	***All Year***	***Dec 1 – May 1***	***All Year***	***All Year***	***All Year***	***All Year***	***All Year***	***All Year***	***April 1- Sept 30***	***All Year***
	Enter Data in This Row	**None**	**-0.7 °F**	**111%**	**163%**	**-2.0**	**Normal**	**Normal**	**Normal**	**-6.0 °C**	**Low**	N/A	**3,694 cfs (66.4% of mean)**
(Stage 0) No Drought	Indicator is not in a drought condition	**None**	**<0.5**	**>80**	**>70**	**>-3**	**>24**	**>24**	**>24**	**<-1.0**	**Low**	>1,558	**>1,000 cfs**
(Stage 1) Heads Up – Potential for Drought	Current conditions (e.g., low snowpack) point to the potential for upcoming drought conditions.	D0	0.5 to 2	80 to 71	70 to 61	-3 to -10	Below Normal (24 to 10)	Below Normal (24 to 10)	Below Normal (24 to 10)	-1.0 to 0.0	Moderate	1,558 to > 1,556 (based on 2 ft above highest boat ramp elevation --State Park Boat Ramp D)	<=1,000 cfs
(Stage 2) Moderate Drought	Some damage to crops, pastures Streams, reservoirs, or wells low. Some water shortages developing or imminent Voluntary water-use restrictions may be requested Some stress to fish and wildlife	D1	2 to 4	70 to 61	60 to 51	-11 to -30	Moderate Hydrologic Drought (9 to 6)	Moderate Hydrologic Drought (9 to 6)	Moderate Hydrologic Drought (9 to 6)	0.1 to 2.0	High	1,555 to1,540 (State Park Boat Ramp D to Mongold East Boat Ramp	<= 900 cfs
(Stage 3) Severe Drought	Crop or pasture losses likely Water shortages common Water restrictions imposed Considerable stress to fish and wildlife	D2	4 to 6	60 to 41	50 to 21	-31 to -50	Severe Hydrologic Drought (<=5)	Severe Hydrologic Drought (<=5)	Severe Hydrologic Drought (<=5)	2.1 to 4.0	Very High	1,539 to 1,450 (Mongold main boat ramp to State Park Boat Ramp G)	<= 800 cfs
(Stage 4) Extreme Drought	Widespread crop/pasture losses Shortages of water in reservoirs, streams, and wells creating water emergencies Extreme stress to fish and wildlife	D3 or 4	6 or greater	40 or less	20 or less	-51 or less	Extreme hydrologic drought (New low)	Extreme hydrologic drought (New low)	Extreme hydrologic drought (New low)	4.1 or greater	Extreme	<= 1,450 (below Mongold low-water boat ramp)	<= 700 cfs

Note: The Class Percentile for USGS 7-day Flow (drought), N. Santiam @ Greens Bridge near Jefferson was not ranked. Note: The monitoring period for % of Median snowpack is December 1 through May 1.