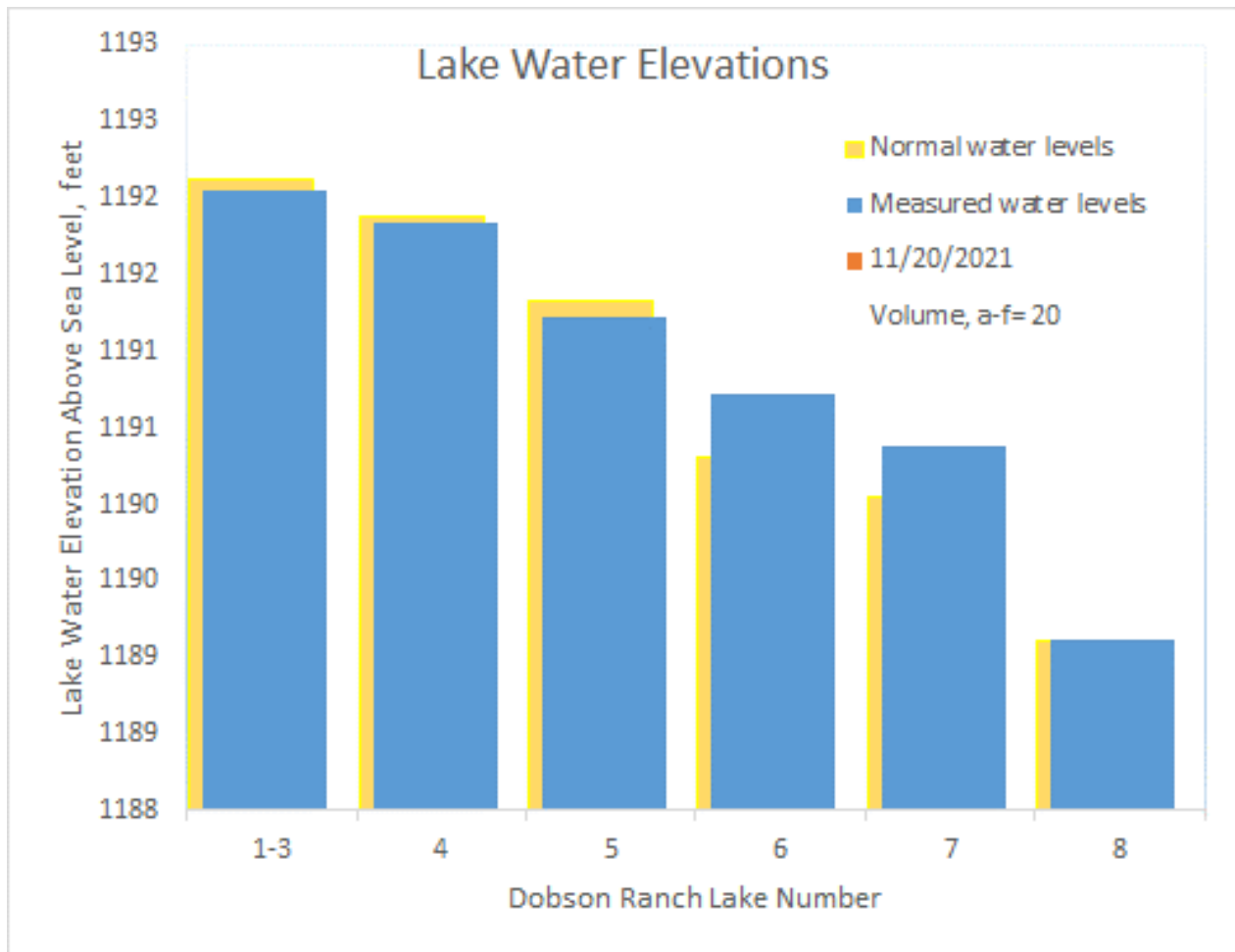


LAKE WATER LEVEL MEASUREMENTS

Lake	1	2	3	4	5	6	7	8
Lake size, acres	14.8	5.06	3.01	4.88	4.08	9	34.87	2.52
Normal lake water level, in.	14	14	14	13.55	11	3	18.75	18
Daily reading, in. 11/20/2021	15.85	17.85	13.15	13.1	9 5/6	8	22.9	18
Delta from normal, in.	1.9	3.9	-0.9	-0.4	-1.2	5.0	4.1	0.0



DOBSON RANCH CLIMATIC AND METROLOGICAL DATA FOR:

SATURDAY, NOVEMBER 20, 2021

	<u>High</u>	<u>Low</u>
Temperatures on Dobson Ranch this day	81°F	42°F
<i>Typical Temp on this day over past decade</i>	<i>80°F</i>	<i>49°F</i>
Extreme temp year to date, 6/17/2018 (3/1/2021)	116°F	30°F
<i>Extreme temperature over past decade, 6/20/2017 (1/14/2013)</i>	<i>119°F</i>	<i>26°F</i>
Humidity, relative on Dobson Ranch this day	56%	15%

Source:

WEATHER RELATED STATISTICS

Arizona Meteorological Network

Highest daily low temperature, 2021	87°F
<i>Highest daily low temperature over past decade</i>	<i>93°F</i>
Difference between today's max and min temperature	38°F
Mean soil (water) temperature 20" below surface	65°F
Current evapotranspiration (ET), in/day (% of average annual peak ET)	0.110 (30%)
Cum ET for 2021 as % of decade average cum ET	-1.5%
Max ET in 2021 ytd, (111% of average max)	0.40 in/day
Rainfall in past 24 hrs (three days), inches	0 (0)
Rainfall total, year to date (between 7/1 & 10/31), inches	6.23 (5.33)
<i>Typical rainfall year to date</i>	<i>6.32 in.</i>
Wind run this day, miles	54
Rainfall year to date compared to typical	99%
Number of days since last measurable (>0.1") of rainfall	47 (47)
Last day with measureable rain	10/5/2021
Number of days with measurable rainfall, year to date 2021	30
First day temperature exceeded 100°F in 2021	26-Apr
<i>Normal first day to reach 100°F, past decade</i>	<i>6-May</i>
Last day in 2020 temp exceeded 100°F	9/23/2021
<i>Normal last day to reach 100°F, past decade</i>	<i>23-Sep</i>
Number of days temp. exceeded 100°F, ytd 2021 (avg past decade)	101 (105)
Number of days temp. exceeded 110°F, ytd 2021 (avg past decade)	22 (15)