



Idaho Update to the US Drought Monitor

Presented by David Hoekema

Water Supply Committee Meeting

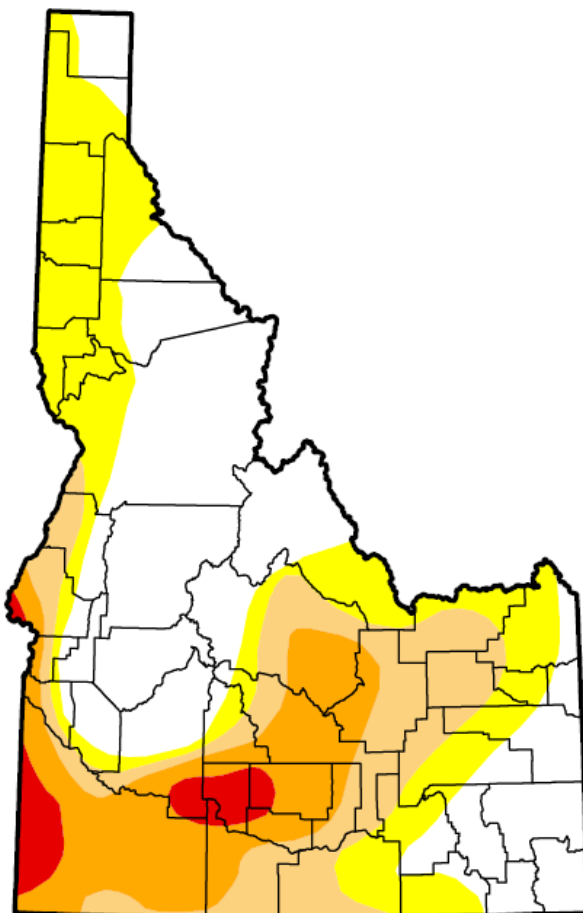
Date: February 13th, 2015



Defining Drought in Idaho

- Purpose
 - Local Response to US Drought Monitor
 - Update based on WSC suggestions
- My Suggestions & Current Conditions
 - PDSI & 12-month SPI (wetter than normal)
 - An Irrigation Perspective
 - Groundwater & Surface Water
- Group Suggestions

U.S. Drought Monitor Idaho



February 10, 2015
(Released Thursday, Feb. 12, 2015)
Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	39.90	60.10	34.69	18.54	3.35	0.00
Last Week 2/3/2015	39.92	60.08	34.69	18.49	3.34	0.00
3 Months Ago 11/11/2014	21.90	78.10	43.96	20.01	3.53	0.00
Start of Calendar Year 12/30/2014	23.76	76.24	41.73	18.49	3.40	0.00
Start of Water Year 9/30/2014	13.19	86.81	52.39	26.35	3.53	0.00
One Year Ago 2/11/2014	0.00	100.00	73.43	42.66	11.82	0.00

Intensity:

 D0 Abnormally Dry	 D3 Extreme Drought
 D1 Moderate Drought	 D4 Exceptional Drought
 D2 Severe Drought	

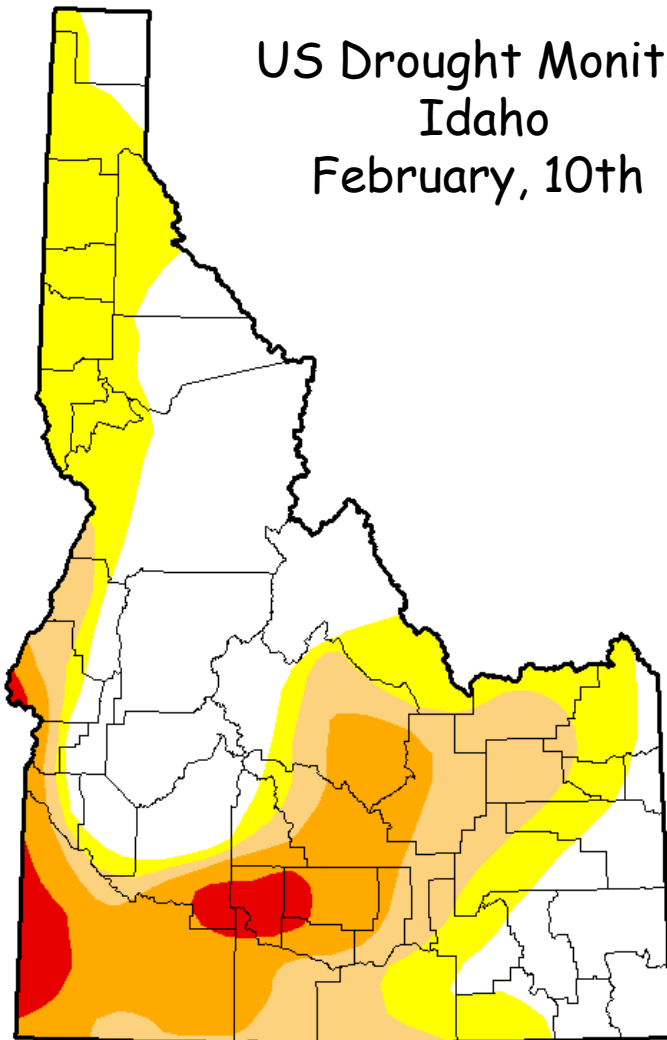
The Drought Monitor focuses on broad-scale conditions.
Local conditions may vary. See accompanying text summary
for forecast statements.

Author:
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Western Regional Climate Center

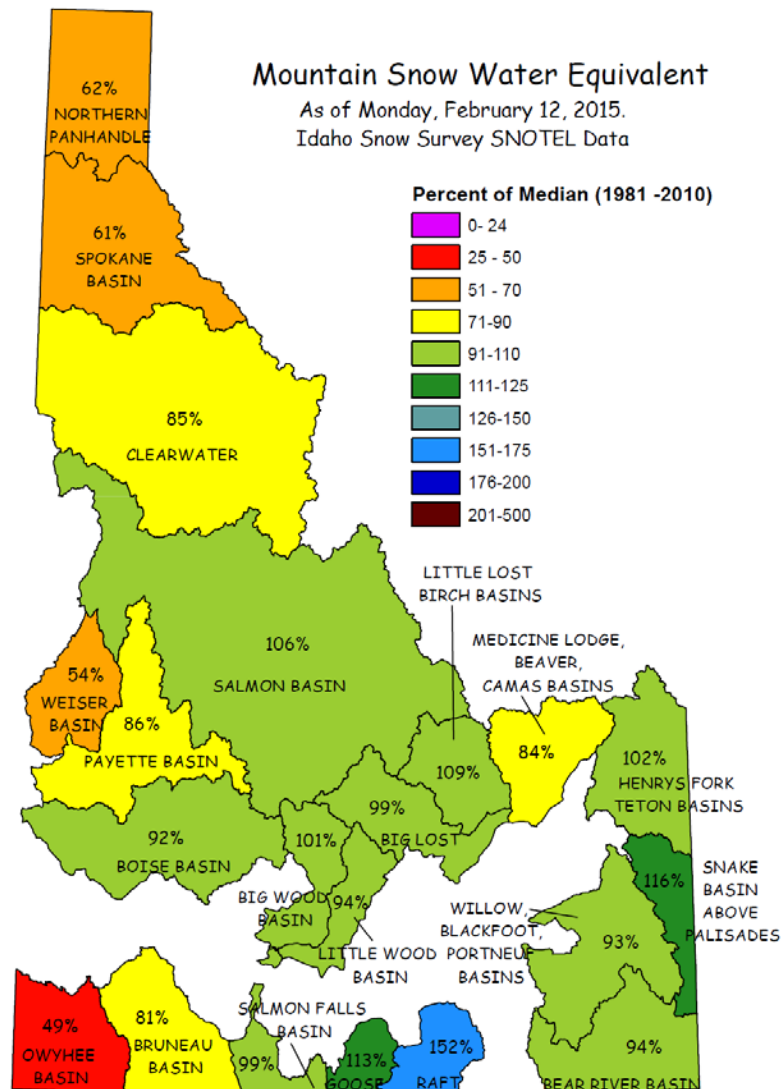


<http://droughtmonitor.unl.edu/>

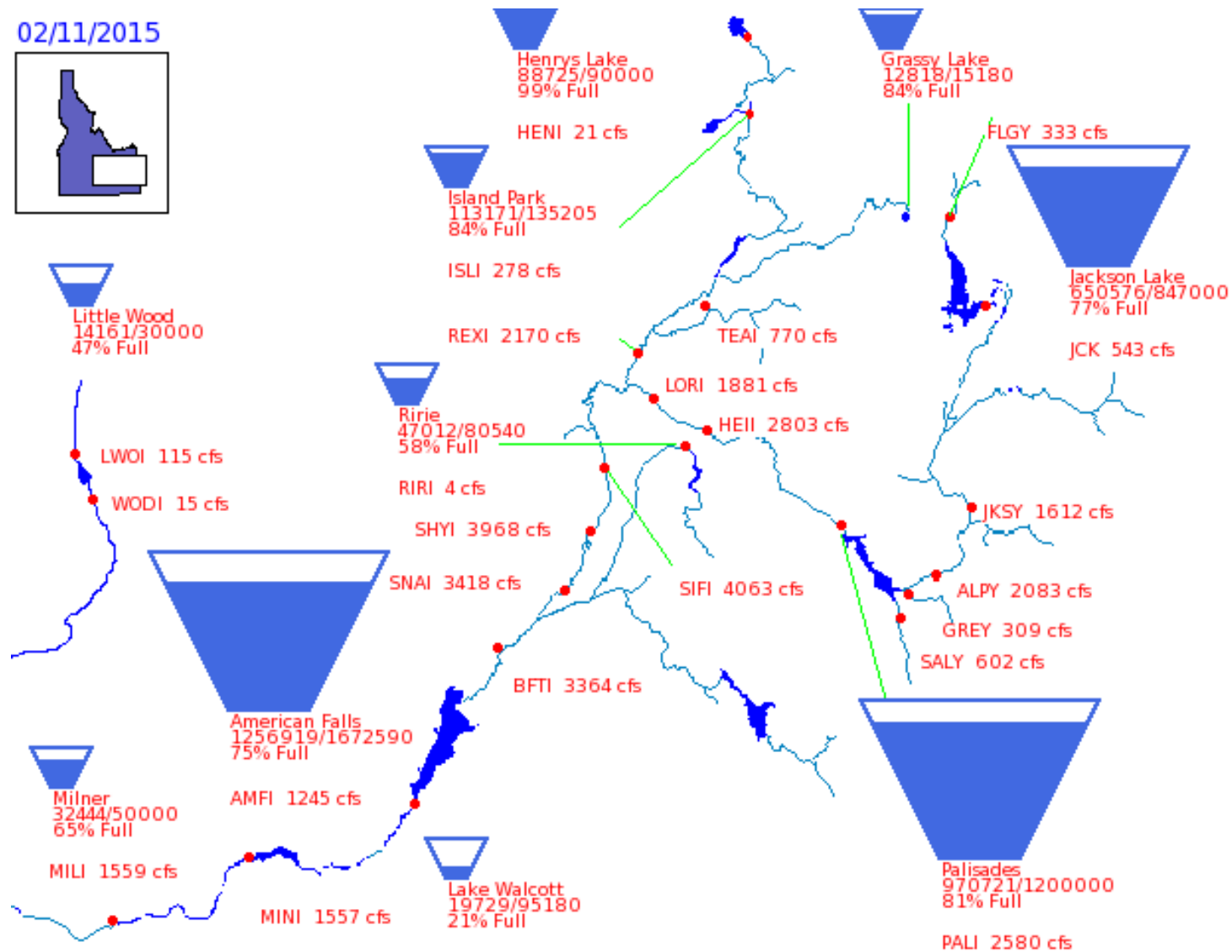
US Drought Monitor Idaho February, 10th



Mountain Snow Water Equivalent As of Monday, February 12, 2015. Idaho Snow Survey SNOTEL Data

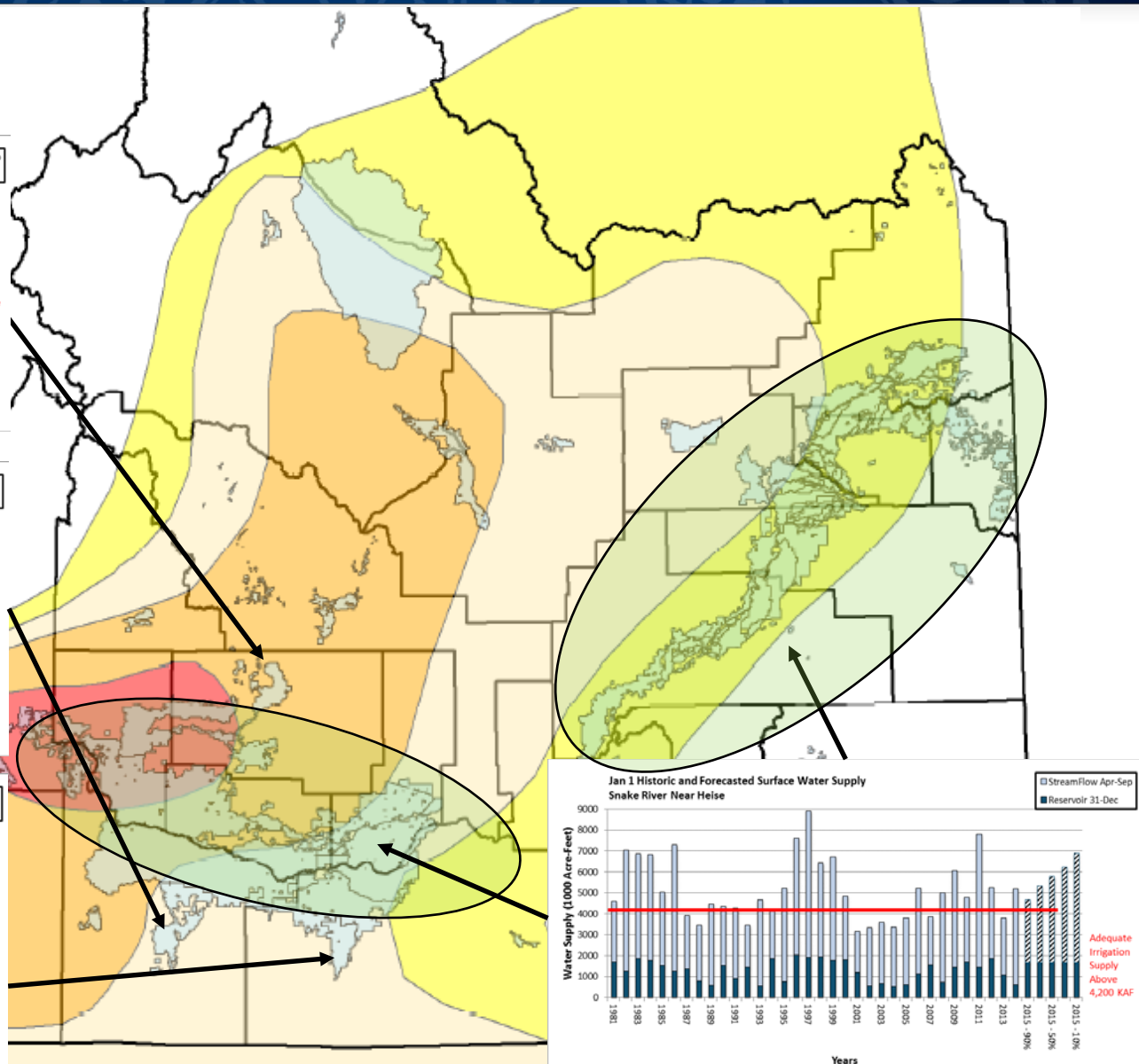
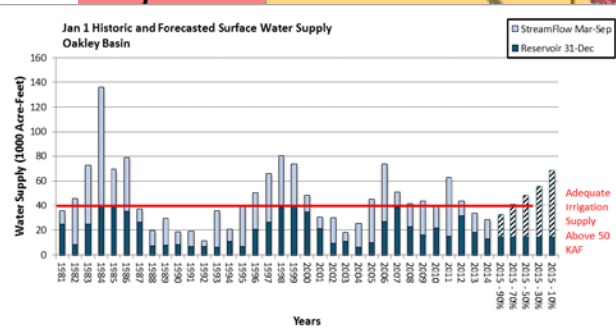
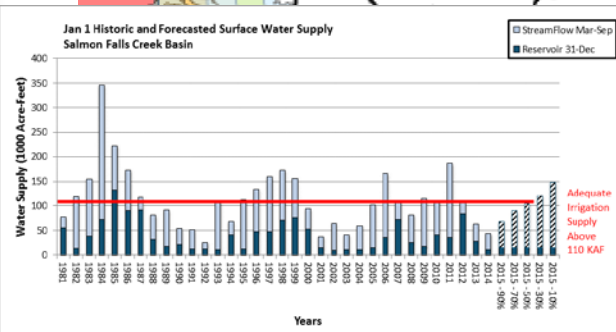
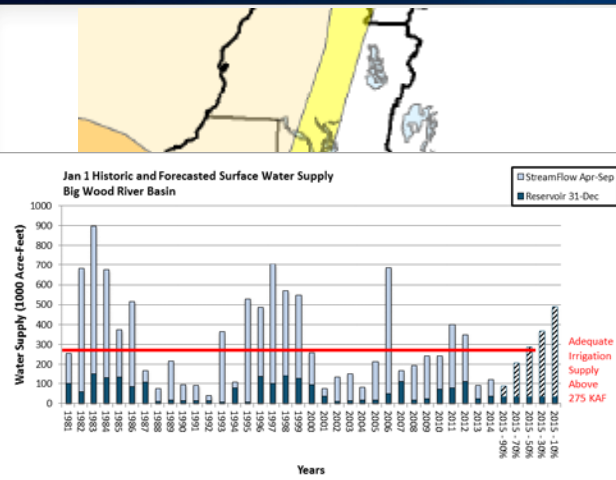


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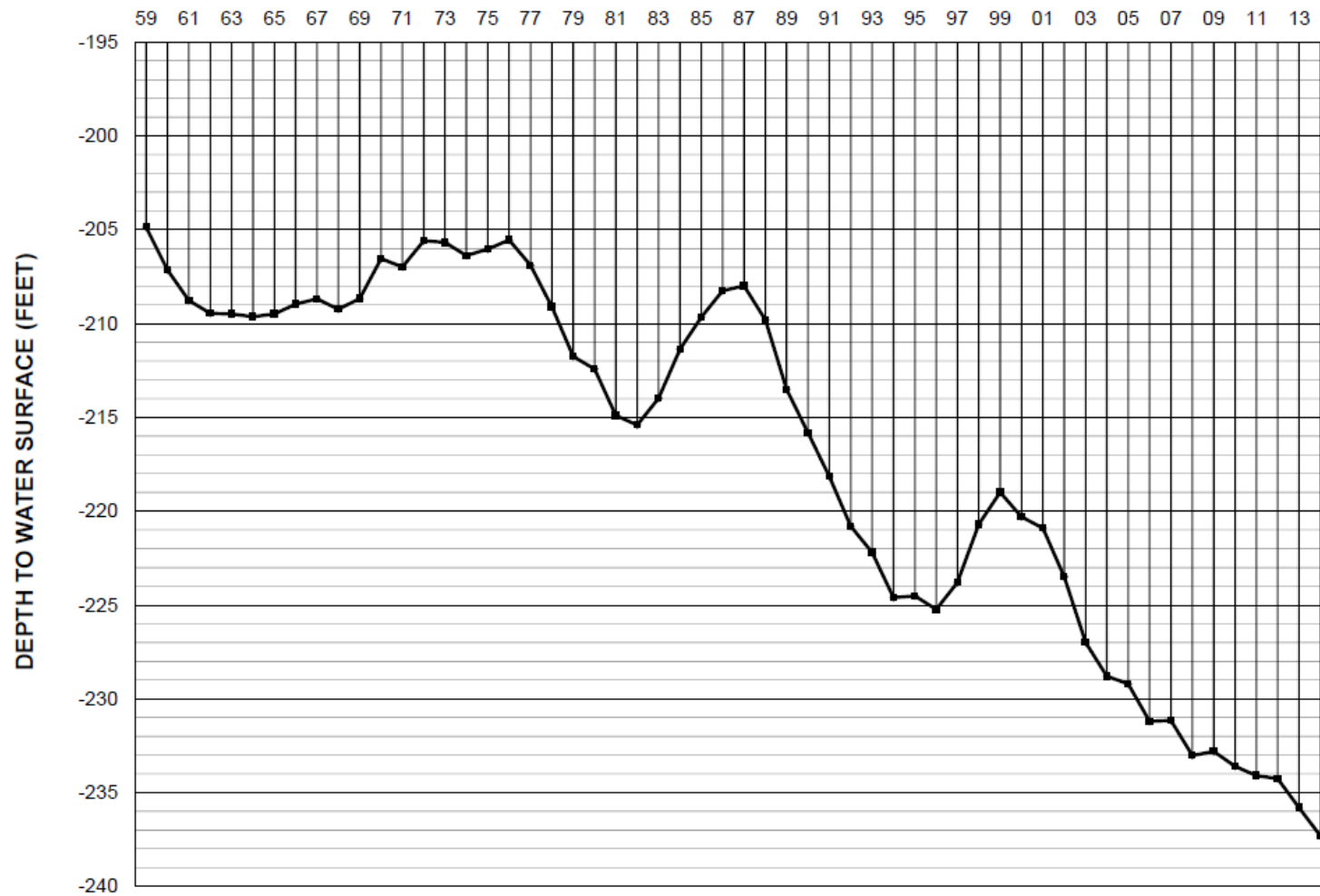


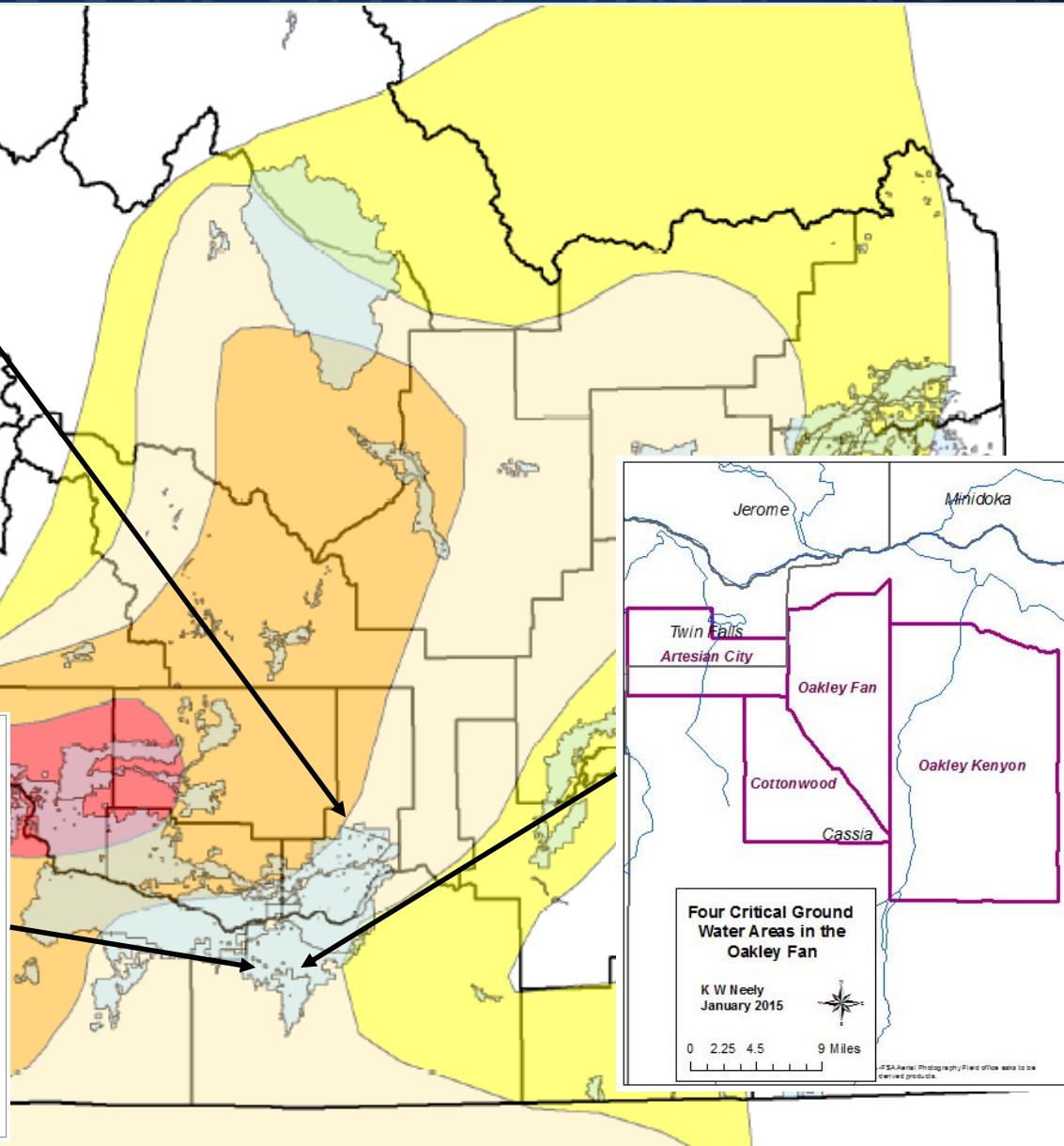
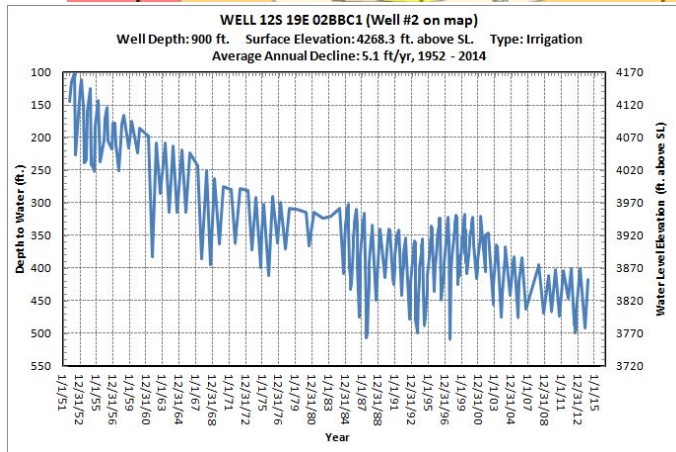
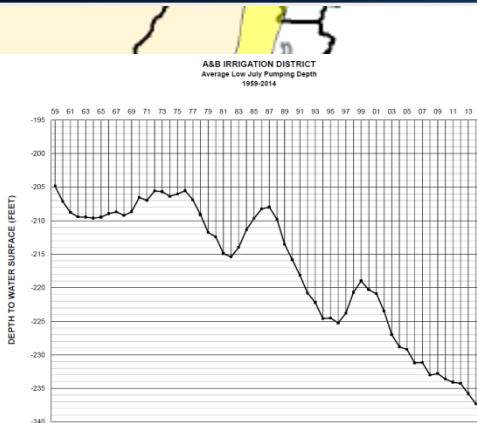
IDAHO Department of Water Resources





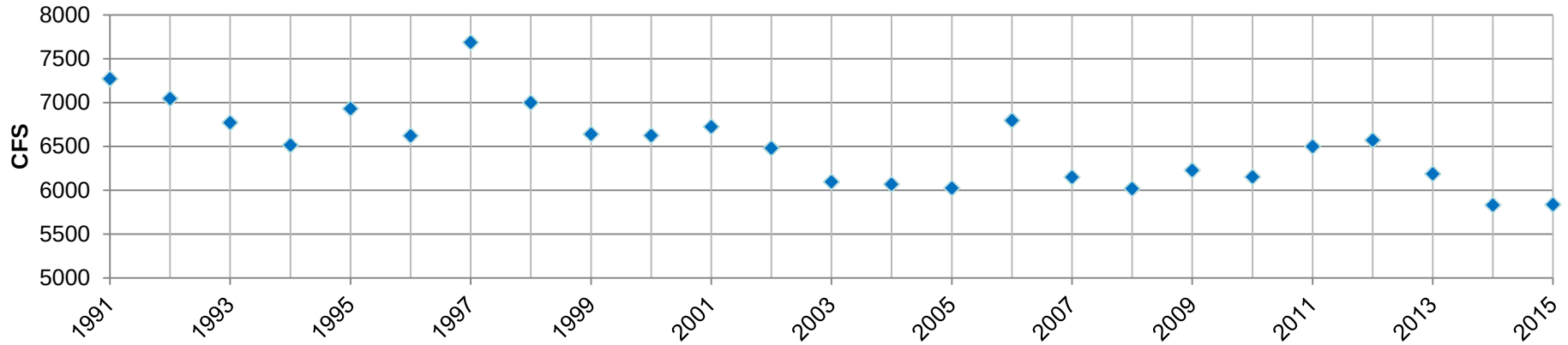
A&B IRRIGATION DISTRICT
Average Low July Pumping Depth
1959-2014



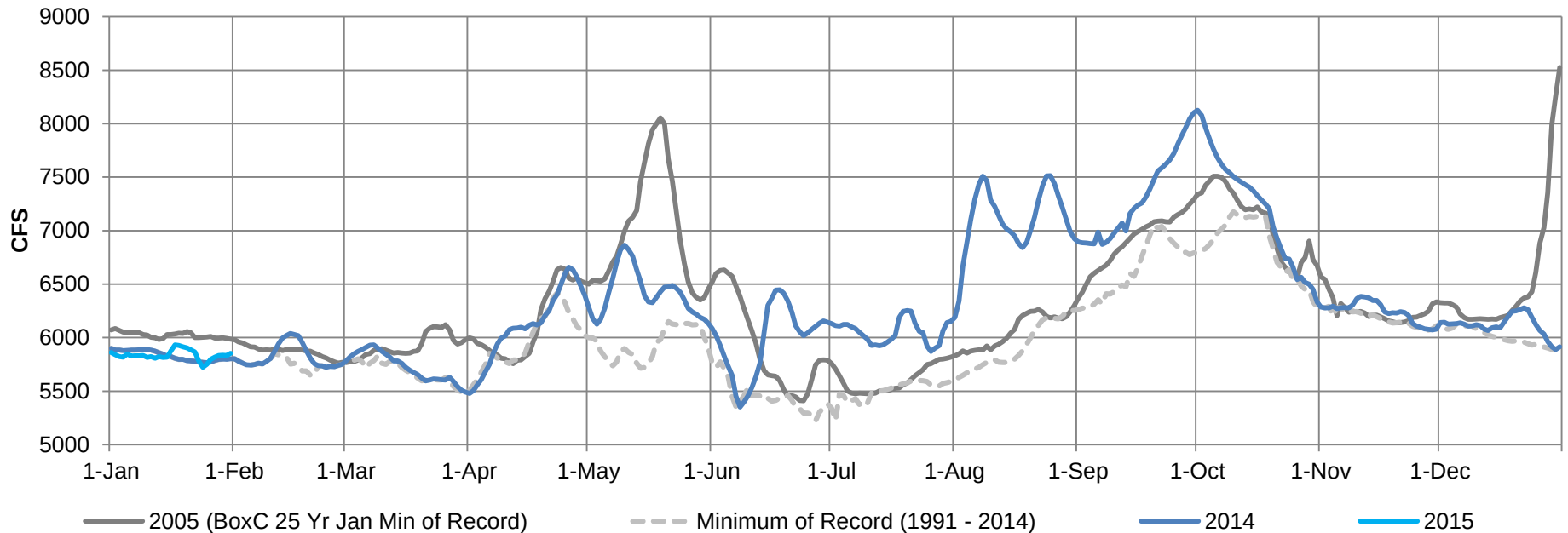




Milner to King Hill January Average RG (1991 – 2015)

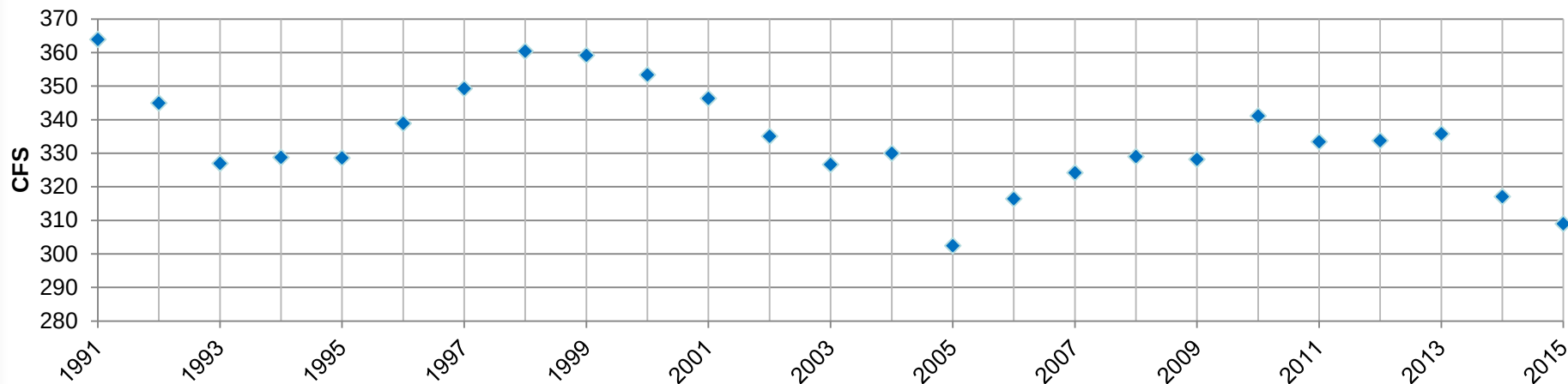


Milner to King Hill RG Comparison





Box Canyon January Average Discharge (1991 - 2015)



Box Canyon Discharge Comparison

