

From: Field, Randi C
To: ["Barbara Byrne";](#)
cc: [Vasquez, Elizabeth A; Fujitani, Paul E; Kiteck, Elizabeth G;](#)
[Washburn, Thuy T;](#)
Subject: RE: WSP's for June, July, (and August, if out)
Date: Wednesday, August 18, 2010 10:24:00 AM

Barb,

We would like to propose the following formulas for calculating the New Melones WSP's. This will accommodate the seasonal availability of runoff forecast data generated by DWR which Reclamation uses to calculate the WSP's. DWR's forecasts typically only run January through May. As the season progresses, the addition of actual inflow data is consistent with our historical treatment of the supply parameter. The exception is June where we propose to maintain the same magnitude of pulse initiated in May.

Month	Calculation of the Water Supply Parameter (WSP) for Application to NMFS BO RPA III.1.3
March	End of February New Melones Storage + March through September forecasted inflow (50% and 90% available)
April	End of February New Melones Storage + Actual March inflow + April through September forecasted inflow (50% and 90% available)
May	End of February New Melones Storage + Actual March and April inflow + May through September forecasted inflow (50% and 90% available)
June	Same WSP as May
July	End of February New Melones Storage + Actual March through June inflow + July through September forecasted inflow (50% only as forecasted in May)
August	End of February New Melones Storage + Actual March through July inflow + August through September forecasted inflow (50% only as forecasted in May)
September	End of February New Melones Storage + Actual March through August inflow + September forecasted inflow (50% only as forecasted in May)
October	End of February New Melones Storage + Actual March through September inflow
November	Same WSP as October
December	Same WSP as October
January	Projected End of February New Melones Storage + January through September inflow (50% and 90% available)
February	Projected End of February New Melones Storage + January through September inflow (50% and 90% available)

Using the above information, the recent WSP's result in the following indexes:

Month	90%	50%	Index
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May	1890	1979	Dry
Jun	1890	1979	Dry
Jul	NA	1940	Dry
Aug	NA	1960	Dry

For all of the months listed the index is the same for both Derek's table and the IPO.

Please let me know your comments or feedback.

Thank you,
Randi

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From: Barbara Byrne [mailto:Barbara.Byrne@noaa.gov]
Sent: Tuesday, August 17, 2010 1:20 PM
To: Field, Randi C
Cc: Vasquez, Elizabeth A
Subject: WSP's for June, July, (and August, if out)

Hi Randi –

Can you send me the New Melones WSP's for June, July & August, using both the 50% and 90% exceedance forecasts? Thanks.

Barb

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Fishery Biologist

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