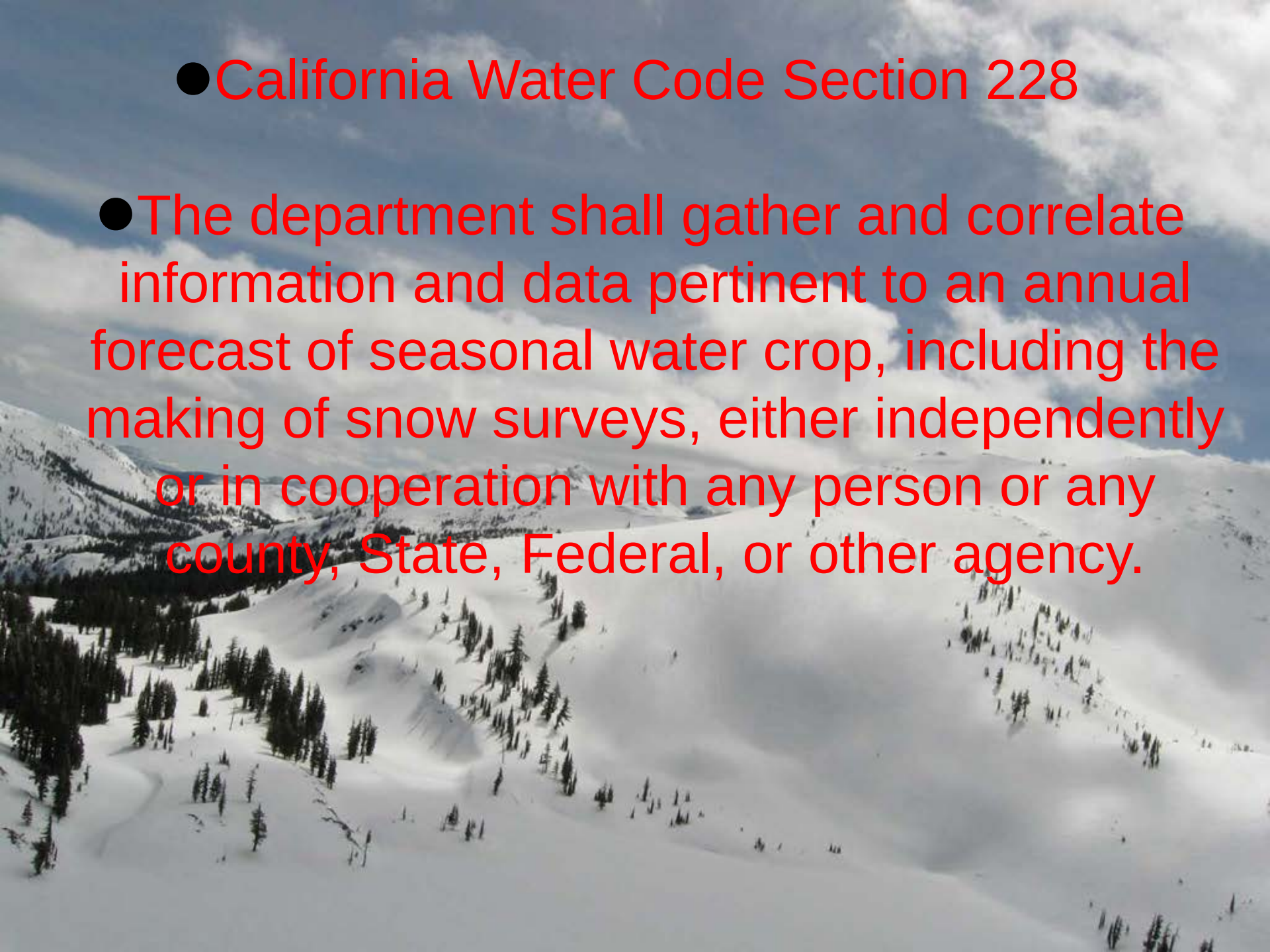
- Fifty-Ninth Annual Meeting
- November 6-8, 2013

- ASO First Operational Season

- Dr. James E. Church

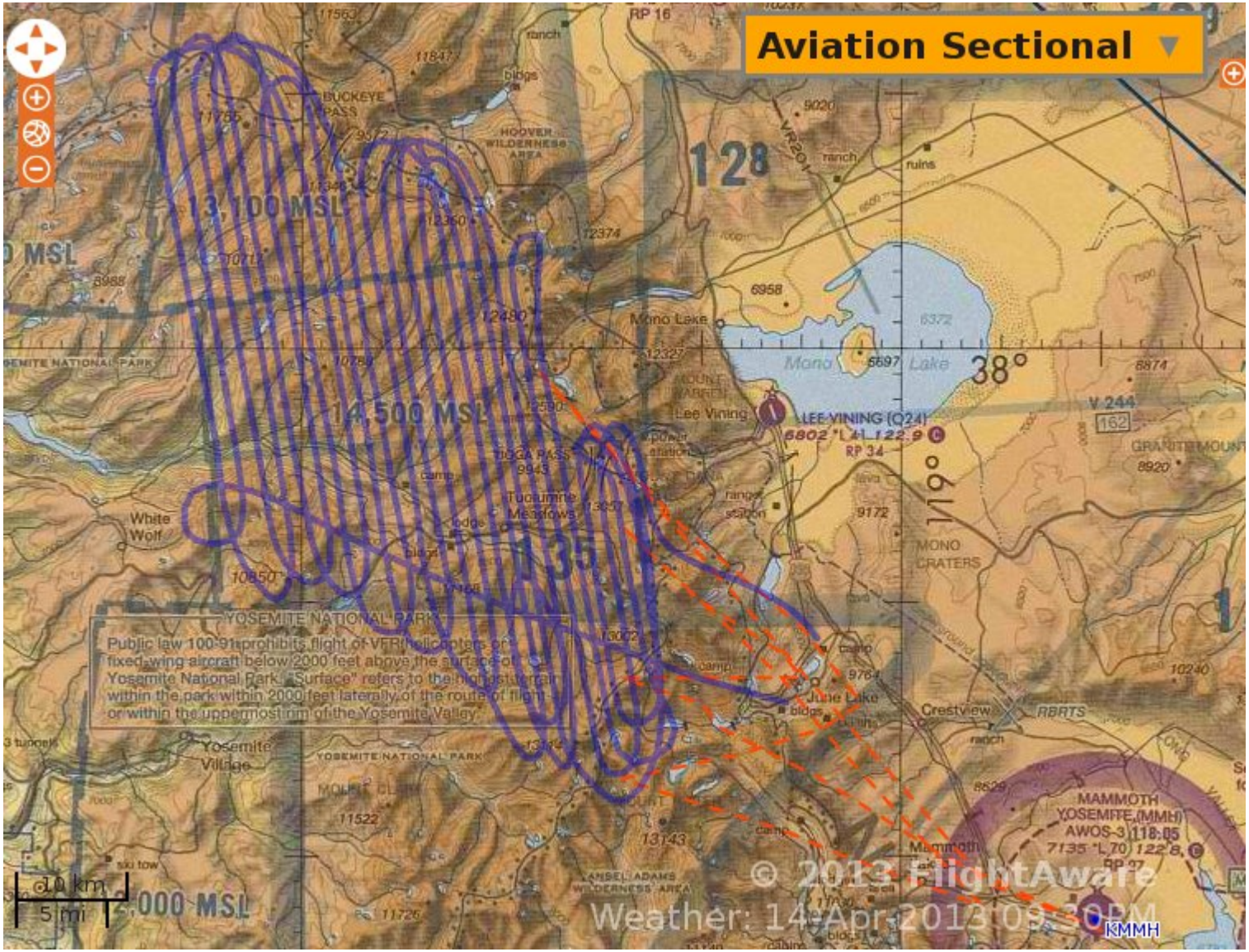


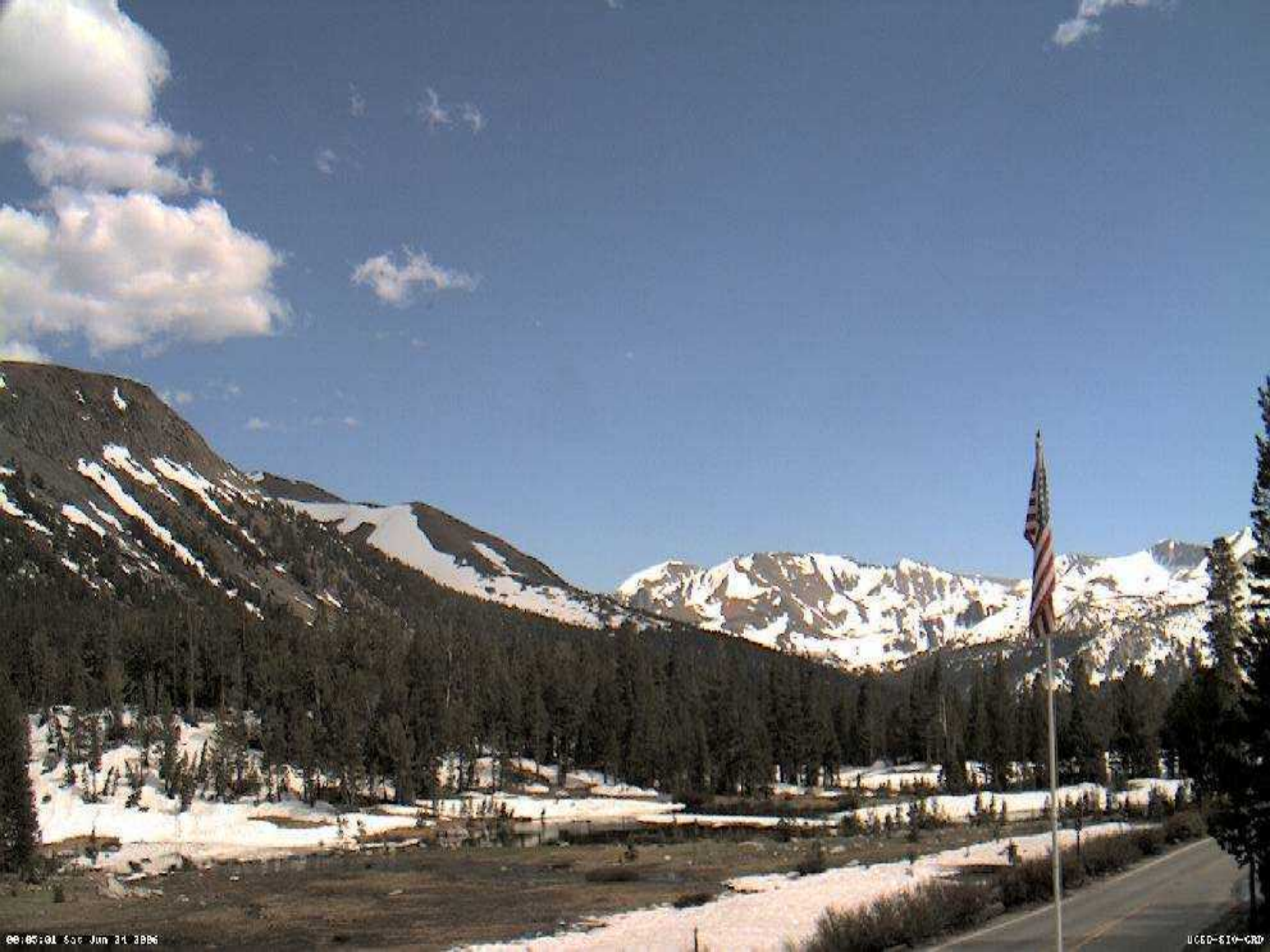
- California Water Code Section 228

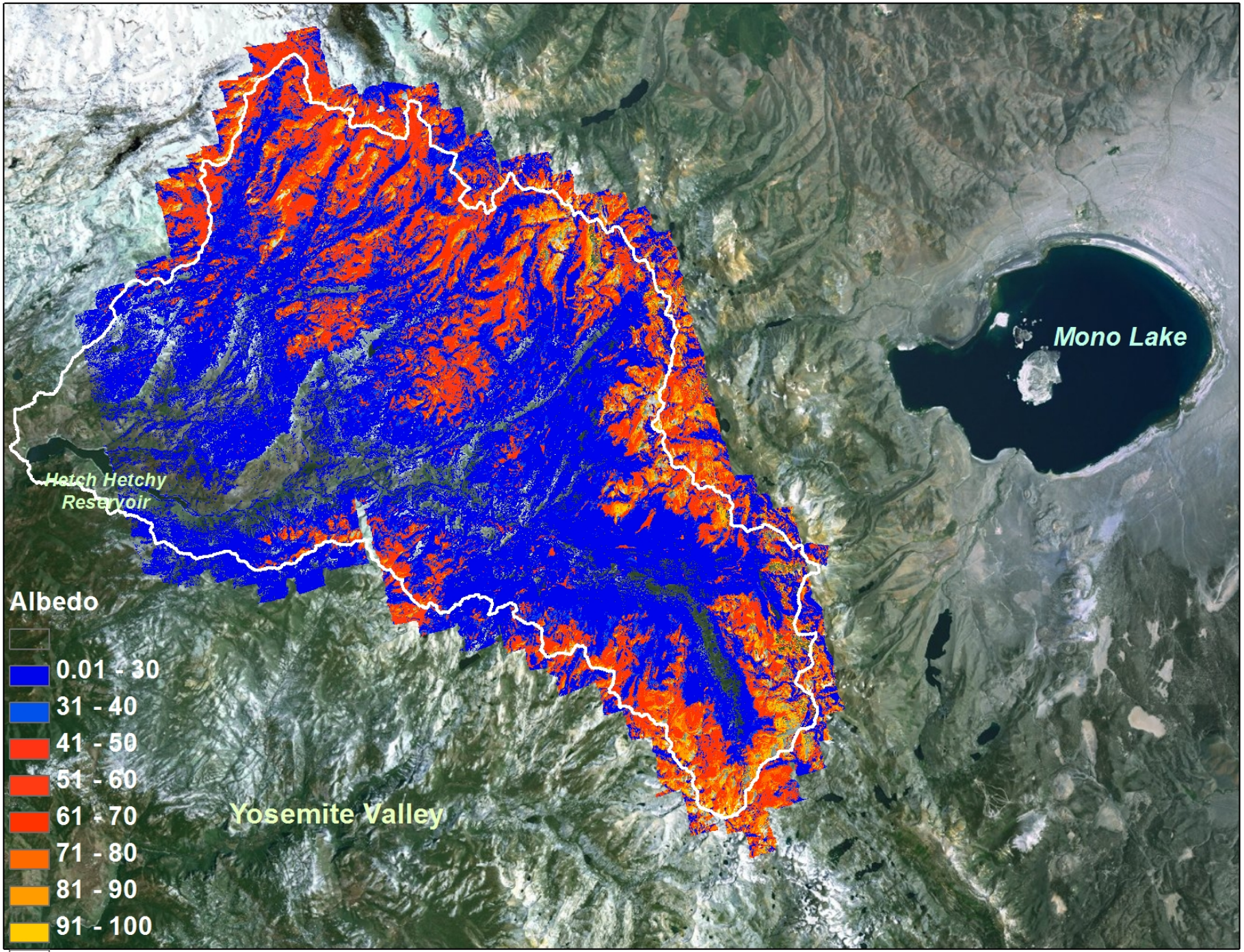
- The department shall gather and correlate information and data pertinent to an annual forecast of seasonal water crop, including the making of snow surveys, either independently or in cooperation with any person or any county, State, Federal, or other agency.

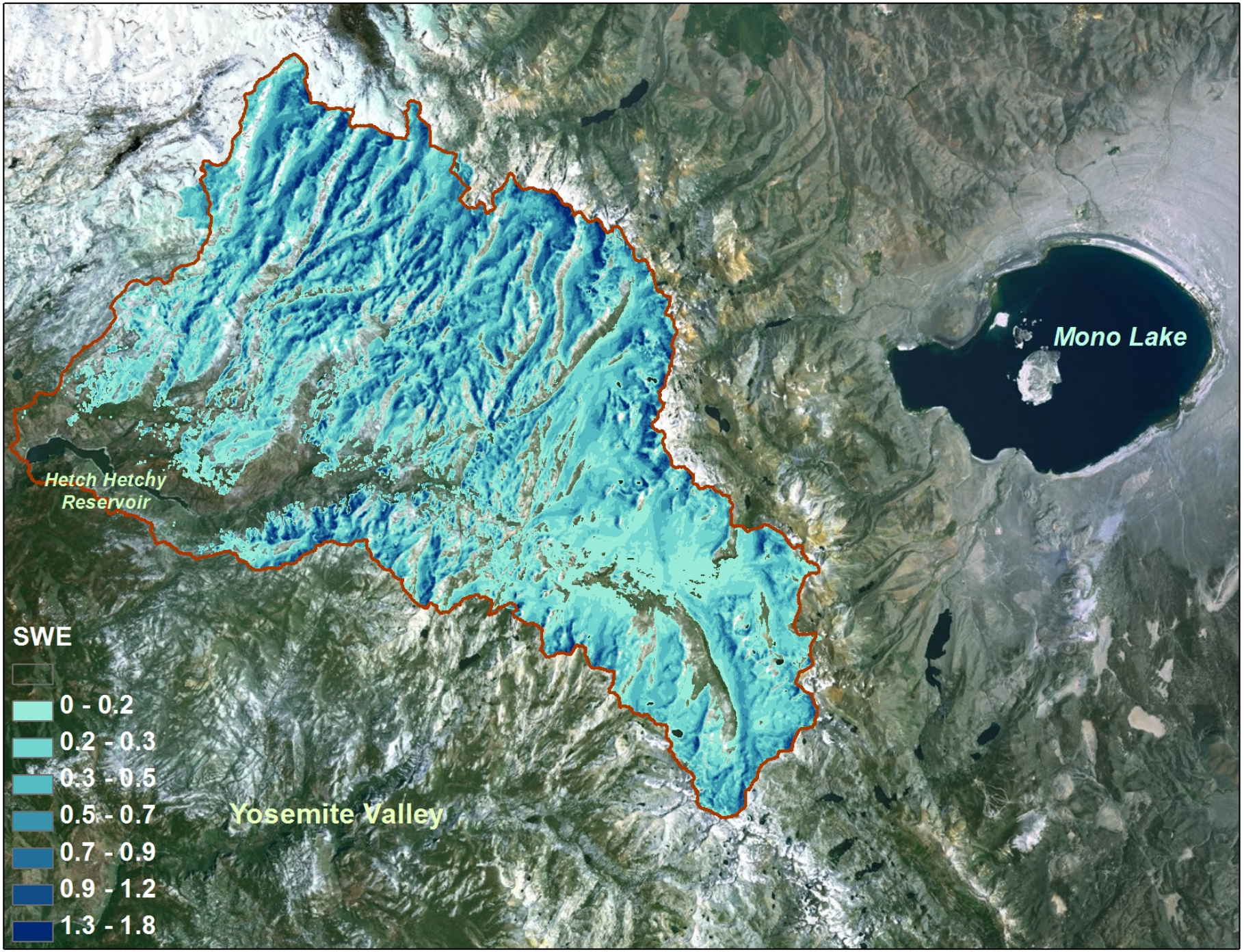
Optech
DiMAC
Optech
Optech
AIR
AERIAL SURVEY POWER
GROUND
HANGER POWER SUPPLY
NORTH

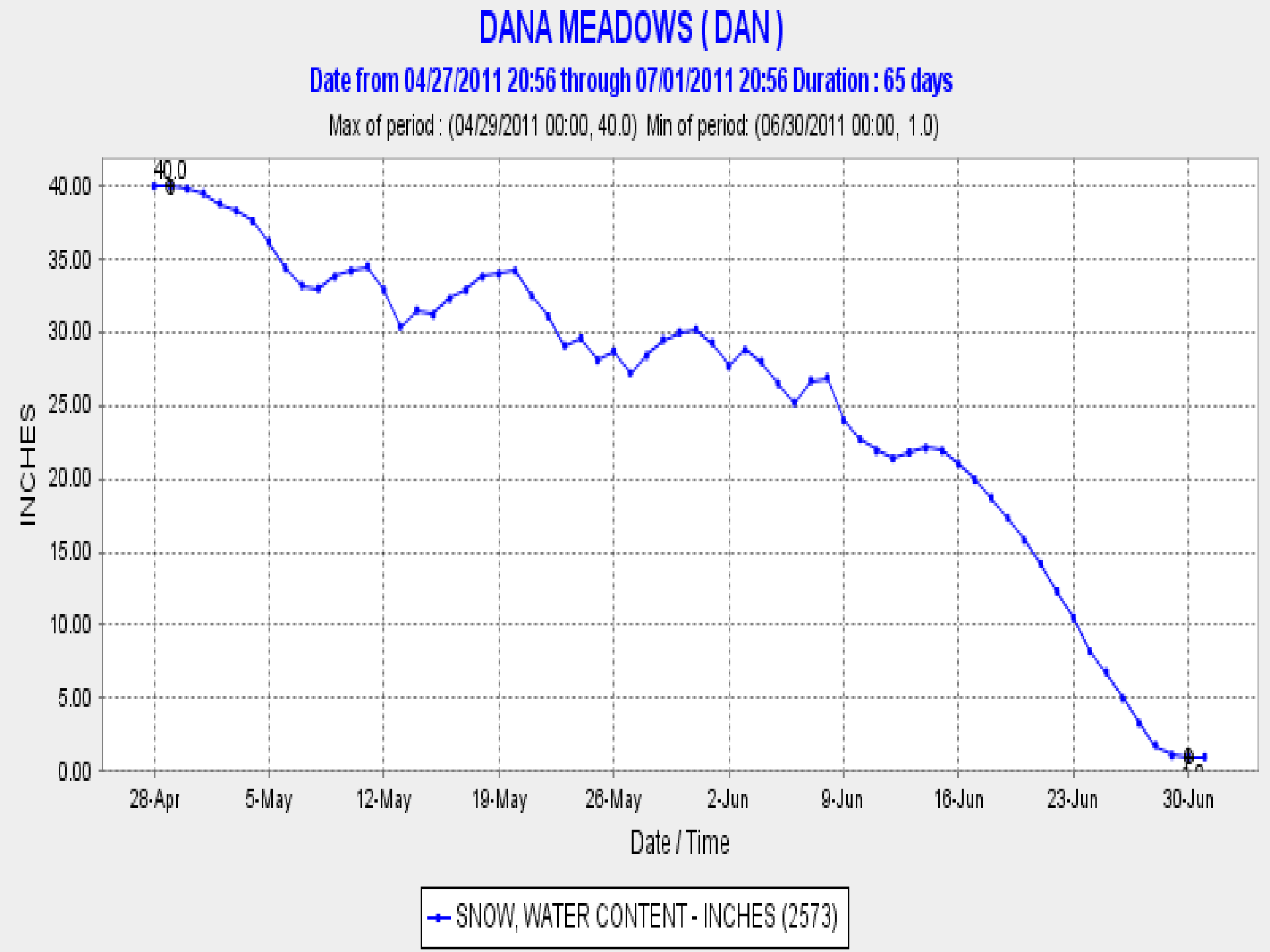
N331AR
TWIN OTTER
AIRBORNE
RESEARCH

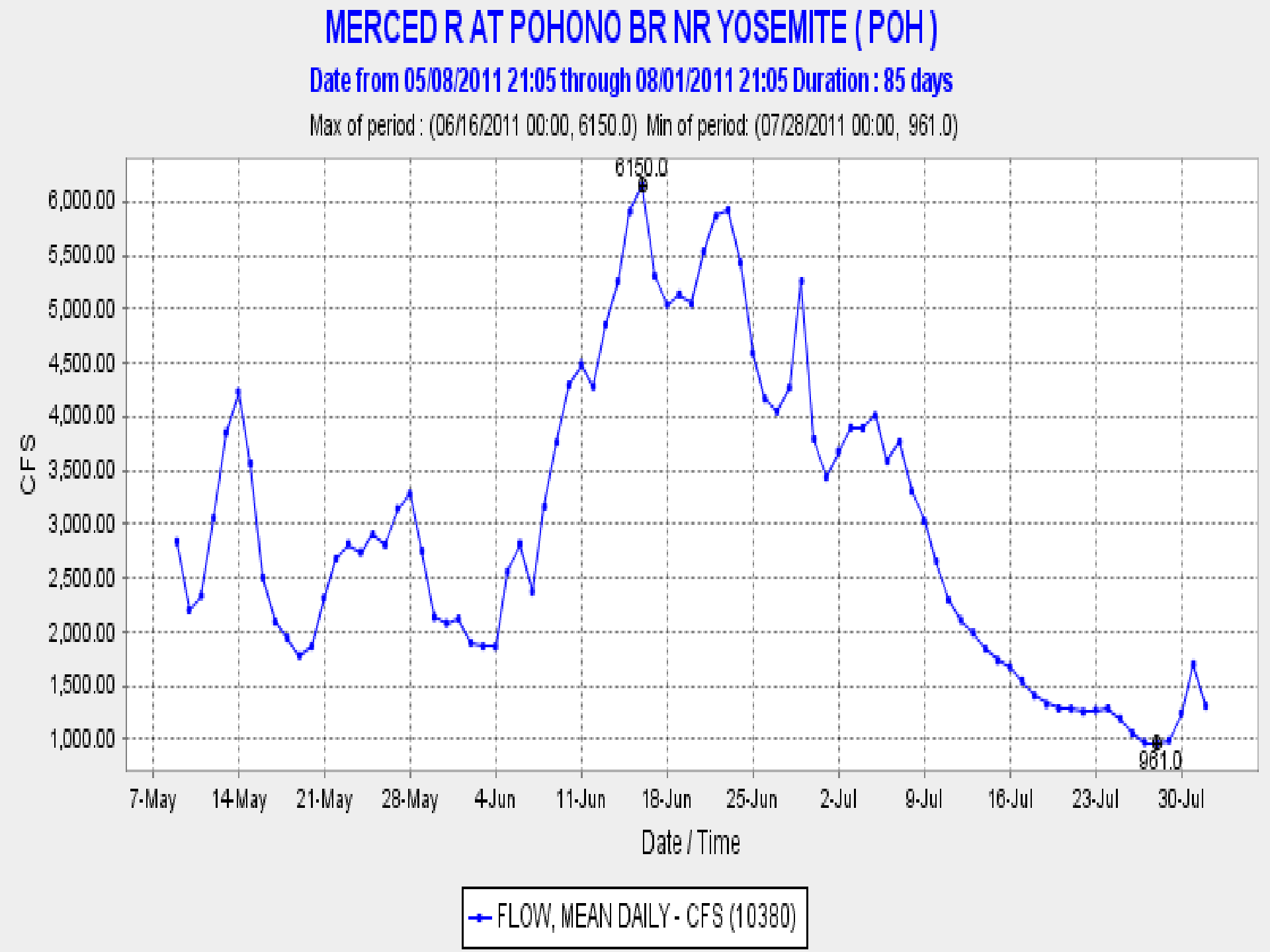

Aviation Sectional
13,100 MSL
14,500 MSL
12,000 MSL
YOSEMITE NATIONAL PARK
Public law 100-91 prohibits flight of VFR helicopters or fixed-wing aircraft below 2000 feet above the surface of Yosemite National Park. "Surface" refers to the highest terrain within the park within 2000 feet laterally of the route of flight or within the uppermost rim of the Yosemite Valley.
LEE VINING (Q24)
MAMMOTH YOSEMITE (MMH)
Mono Lake
Lee Vining
Tuolumne Meadows
White Wolf
Yosemite Village
June Lake
Crestview
Mammoth
MONO CRATERS
TIOGA PASS
BUCKEYE PASS
HOOVER WILDERNESS AREA
ANSEL ADAMS WILDERNESS AREA
128
135
119°
38°
© 2013 FlightAware
Weather: 14 Apr 2013 09:20PM
KMMH


08:05:01 Sat Jun 21 2008
UCED-SIV-CAM


Mono Lake
Hetch Hetchy Reservoir
Yosemite Valley
Albedo
0.01 - 30
31 - 40
41 - 50
51 - 60
61 - 70
71 - 80
81 - 90
91 - 100


Mono Lake
Hetch Hetchy Reservoir
Yosemite Valley
SWE
0 - 0.2
0.2 - 0.3
0.3 - 0.5
0.5 - 0.7
0.7 - 0.9
0.9 - 1.2
1.3 - 1.8


DANA MEADOWS (DAN)
Date from 04/27/2011 20:56 through 07/01/2011 20:56 Duration : 65 days
Max of period : (04/29/2011 00:00, 40.0) Min of period: (06/30/2011 00:00, 1.0)
40.0
40.00
35.00
30.00
25.00
20.00
15.00
10.00
5.00
0.00
INCHES
28-Apr
5-May
12-May
19-May
26-May
2-Jun
9-Jun
16-Jun
23-Jun
30-Jun
Date / Time
SNOW, WATER CONTENT - INCHES (2573)


MERCED R AT POHONO BR NR YOSEMITE (POH)
Date from 05/08/2011 21:05 through 08/01/2011 21:05 Duration : 85 days
Max of period : (06/16/2011 00:00, 6150.0) Min of period: (07/28/2011 00:00, 961.0)
6150.0
961.0
6,000.00
5,500.00
5,000.00
4,500.00
4,000.00
3,500.00
3,000.00
2,500.00
2,000.00
1,500.00
1,000.00
CFS
7-May
14-May
21-May
28-May
4-Jun
11-Jun
18-Jun
25-Jun
2-Jul
9-Jul
16-Jul
23-Jul
30-Jul
Date / Time
FLOW, MEAN DAILY - CFS (10380)

TUOLUMNE MEADOWS RANGER STATION
NU6U55
SCOUT
PistenBully

- Opportunities

- - Leverage existing networks- RAWS, Coop Snow, PG & E, SMUD and CORPS

- - Add additional instrumentation/sites to complete water/energy balance. For some Southern Sierran basins 1/3 of the water shed area is above the highest elevation of snow data collection

- - Integrate in situ measurements with satellite/ airborne data

State of California
The Resources Agency

Department of
Water Resources

Water Conditions in California

Report 3 April 1, 1996

Pete Wilson
Governor
State of California

Douglas P. Wheeler
Secretary for Resources
The Resources Agency

David N. Kennedy
Director
Department of Water Resources