

MIS Previous evening:

FAUS20 KZOA 150135

ZOA MIS 01 VALID 150135-151230

...FOR ATC PLANNING PURPOSES ONLY...

ANOTHER ROUND OF ACTIVE WEATHER IS EXPECTED TO OCCUR LATE SATURDAY

MORNING AND INTO SATURDAY NIGHT. SOUTH TO SOUTHWEST WINDS WILL

INCREASE IN THE BAY AREA TO BE GUSTING NEAR 30KTS BY EARLY

AFTERNOON. RAIN WILL ALSO OCCUR IN THE AFTERNOON ALONG WITH LESS

THAN VISUAL CONDITIONS CLOUD WISE FOR MOST OF SATURDAY. STRONG WINDS

OVER THE SIERRA WILL BRING THE POTENTIAL FOR MODERATE OR STRONGER

TURBULENCE, MOUNTAIN WAVE, AND LLWS EAST OF THE SIERRA IN NEVADA.

CWA previous evening:

FAUS21 KZOA 150113

ZOA1 CWA 150113

ZOA CWA 101 VALID UNTIL 150313

FROM 35NNW FMG-40S OAL-50ENE CZQ-50WNW FMG-35NNW FMG

AREA LLWS SFC-020. MOD MTN WAVE PSBL FL250-FL400. SPEED CHANGES OF

+/-25KTS.

ZOA CWSU

Start of Day (MIS updated from previous evening):

FAUS20 KZOA 151521

ZOA MIS 01 VALID 151521-160000

...FOR ATC PLANNING PURPOSES ONLY...

STRONG WESTERLY WINDS IMPACTING THE SIERRA MAY CAUSE SEVERE

TURBULENCE...MOUNTAIN WAVE ACTIVITY...STRONG UP AND DOWNDRAFTS AND LOW-LEVEL WIND SHEAR OVER

THE SIERRA AND INTO EASTERN NEVADA. MID AFTERNOON TODAY THROUGH THE

LATE EVENING WILL BE THE PEAK TIME FOR THESE CONDITIONS.

CWA 101:

FAUS21 KZOA 151608

ZOA1 CWA 151608

ZOA CWA 101 VALID UNTIL 151808

FROM 35NNW FMG-45SSE OAL-50ENE CZQ-60WNW FMG-35NNW FMG

AREA LLWS SFC-010. MOD MTN WAVE. STRONG UDDF. COND CONTG BYD VALID

TIME.

ZOA CWSU.

From shift log:

1750 AWC called...to coordinate a future Sigmet for severe turb over Sierra and NV. ASgree I will continue my CWA and readdress issue at 1930Z

CWA 102:

FAUS21 KZOA 151800
ZOA1 CWA 151800
ZOA CWA 102 VALID UNTIL 152000
FROM 35NNW FMG-45SSE OAL-50ENE CZQ-60WNW FMG-35NNW FMG
AREA LLWS SFC-010. MOD MTN WAVE. STRONG UDDF. COND CONTG BYD VALID
TIME.
ZOA CWSU.

CWA 103 - coord. w/AWC for SIGMET issuance:

FAUS21 KZOA 151936
ZOA1 CWA 151935
ZOA CWA 103 VALID UNTIL 151950
CANCEL ZOA CWA 102. SEE SIGMET NOVEMBER 1. ZOA CWSU.

MIS Afternoon update:

FAUS20 KZOA 162226
ZOA MIS 01 VALID 162226-171200
...FOR ATC PLANNING PURPOSES ONLY...
STRONG WEST TO SOUTHWEST WINDS ACROSS THE REGION WILL CONTINUE TO
CAUSE WIDESPREAD MODERATE AND ISOLATED SEV TB SFC-FL410...MOUNTAIN
WAVES...AND LOW-LEVEL WIND SHEAR OVER THE SIERRAS AND WESTERN NEVADA
THROUGH 12Z MONDAY. AREAS OF LGT-MOD ICING WILL ALSO CONTINUE THRU
12Z MONDAY ACROSS ZOA.

CWA for TS:

FAUS21 KZOA 160036
ZOA1 CWA 160036
ZOA CWA 101 VALID UNTIL 160236
FROM 30WSW FMG-65S FMG-45ENE MOD-45ENE SAC-30WSW FMG
AREA ISOLD TS. MOV FM 26030KT. TOPS TO FL230. ZOA CWSU.

CWA replaced by AWC WST:

FAUS21 KZOA 160056
ZOA1 CWA 160056
ZOA CWA 102 VALID UNTIL 160100
CNL ZOA CWA 101. SEE CONVECTIVE SIGMET 01W. ZOA CWSU

PIREP summary 20Z thru 00Z - within 150SM KTVL -

Data at: 0000 UTC 16 Oct 2016

SAC UA /OV SAC/TM 2005/FL120/TP A320/TB MOD CHOP 120-155/RM ZOA CWSU
LOL UA /OV LLC/TM 2010/FL410/TP GLF4/TB MTN WAVE +/- 15KT/RM ZLC
RNO UA /OV FMG270005/TM 2010/FL050/TP B737/RM +/- 20KTS 050 DURD
RIU UA /OV HNW360015/TM 2010/FL150/TP CRJ2/TA M11/TB MOD CHOP 150-120/IC MOD RIME
RNO UA /OV KFMG360050 /TM 2017 /FL350 /TP B739 /RM +/-10KTS MULTIPLE TIMES / MTN WAVE / ACFT AT FL370
REPORT +/-20KTS AWC-WEB
RIU UA /OV LIN/TM 2030/FL040/TP C177/SK 040OVC-TOPS072/TA 6.7/IC LGT RIME 060-075

TRK UA /OV SWR/TM 2101/FL300/TP A320/TB MTN WVE -800FT/RM ZOA CWSU
KRNO **UUA** /OV FINAL TO RWY 16R/TM 2105/FL500/TP B737/RM +/- 20KTS BLO 500
RNO UA /OV KRNO090020/TM 2111/FL370/TP B738/RM SMOOTH RIDE JUST SOME LGT MTN WAVE - 15 KNTS
AWC-WEB/
RNO UA /OV KRNO /TM 2115 /FL390 /TP B737 /RM LOSS OF 30 KNTS WITH CONT THRUST MTN WAVE AWC-WEB
BAB UA /OV BAB270013/TM 2123/FL170/TP B737/TB LGT-MOD CHOP 135-170/RM ZOA CWSU
NFL UA /OV HZN/TM 2157/FL380/TP B737/TB LGT-MOD CHOP/RM MTN WVE +/-15KT. ZOA CWSU
MOD UA /OV MOD100001/TM 2206/FL220/TP A320/TB MOD
MOD UA /OV MOD090010/TM 2207/FL250/TP A320/TB MOD/RM ZOA CWSU
SMF UA /OV BAB085040/TM 2325/FL180/TP B737/TA 04/TB LGT-MOD CHOP 180-110/IC LGT RIME 175-145/RM
DURD
TRK UA /OV SWR/TM 2325/FL200/TP A319/TA M20/IC LGT RIME/RM ZOA CWSU
SCK UA /OV LIN/TM 2329/FL380/TP E75L/TB MOD CHOP/RM ZOA CWSU
MOD UA /OV MOD070029/TM 2330/FL120/TP MD83/TB MOD/RM DURD 120-100
TRK UA /OV SWR/TM 2345/FL220/TP B737/TA M22/IC LGT RIME/RM ZOA CWSU
KRNO UA /OV FINAL RWY 16R/TM 2345/FL006/TP E75L/RM +15 AT 600
SCK UA /OV LIN0455050/TM 2347/FL270/TP B738/TA M32/TB MOD CHOP/IC MOD RIME 120-250/RM ZOA CWSU
AUN UA /OV HNW/TM 2352/FL220/TP B737/TA M01/TB LGT CHOP/IC LGT RIME/RM ZOA CWSU
TPH UA /OV MVA267013/TM 2355/FL370/TP B737/TB LGT CHOP 370/RM LIGHT MOUNTAIN WAVE AWC-WEB/

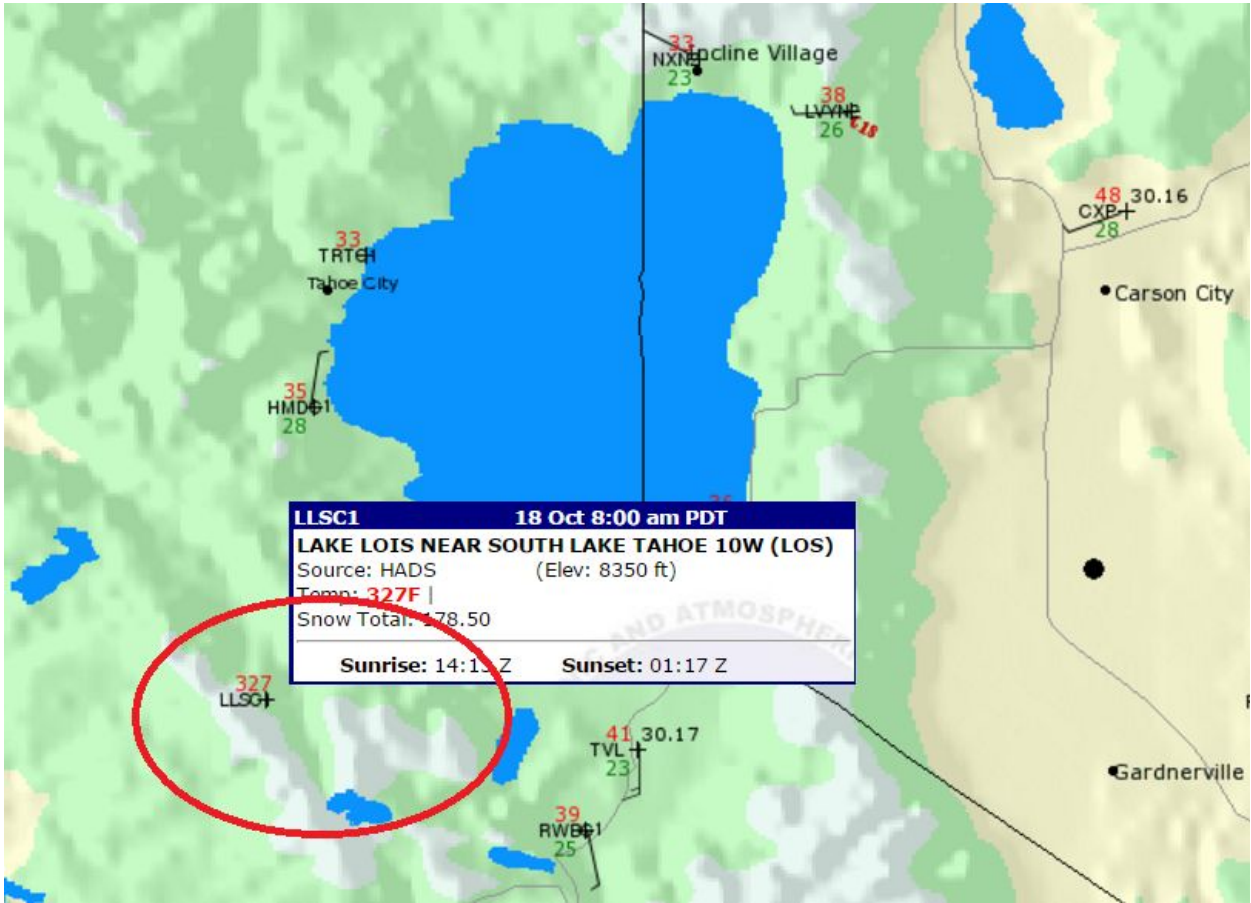
Summary of AWC Icing PIREPs - increase in reports after incident 23Z hour - mostly LGT but for SCK MOD RIME 120-250
@2347Z:

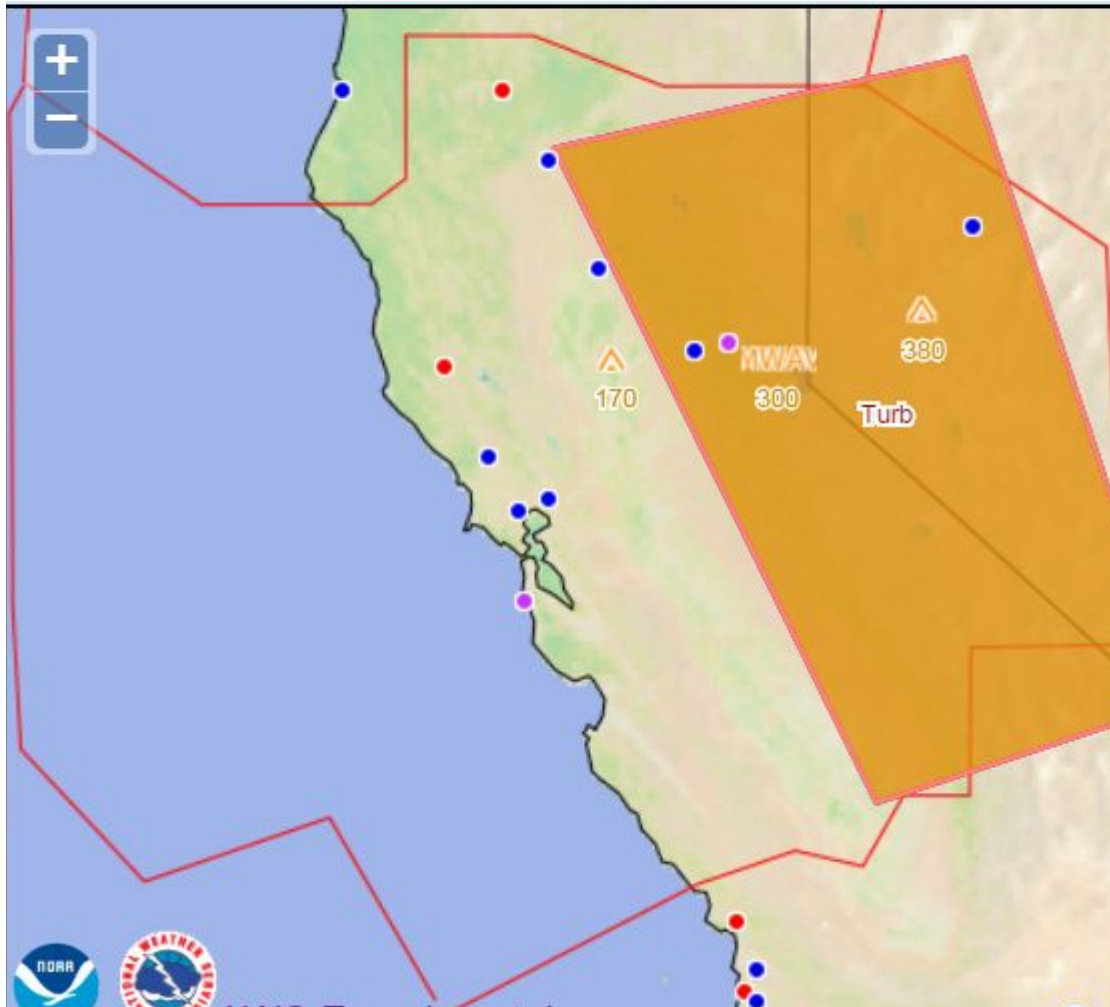
Type: Icing Age: past 12 hours

Data at: 0000 UTC 16 Oct 2016

RIU UA /OV HNW360015/TM 2010/FL150/TP CRJ2/TA M11/TB MOD CHOP 150-120/IC MOD RIME
RIU UA /OV LIN/TM 2030/FL040/TP C177/SK 040OVC-TOPS072/TA 6.7/IC LGT RIME 060-075
SMF UA /OV BAB085040/TM 2325/FL180/TP B737/TA 04/TB LGT-MOD CHOP 180-110/IC LGT
RIME 175-145/RM DURD
TRK UA /OV SWR/TM 2325/FL200/TP A319/TA M20/IC LGT RIME/RM ZOA CWSU
TRK UA /OV SWR/TM 2345/FL220/TP B737/TA M22/IC LGT RIME/RM ZOA CWSU
SCK UA /OV LIN0455050/TM 2347/FL270/TP B738/TA M32/TB MOD CHOP/IC MOD RIME
120-250/RM ZOA CWSU
AUN UA /OV HNW/TM 2352/FL220/TP B737/TA M01/TB LGT CHOP/IC LGT RIME/RM ZOA CWSU

Approx. location (via ZOA Sup discussions) near Lake Lois/terrain?:





22Z active AWC hazards...

TURB SIGMET

Center: KSLC

Begins: 2016-10-15T19:32:00Z

Ends: 2016-10-15T22:26:59Z

Top: 15000 ft

Base: 0 ft

WSUS05 KPCI 151932

SLCN WS 151932

SIGMET NOVEMBER 1 VALID UNTIL 152332

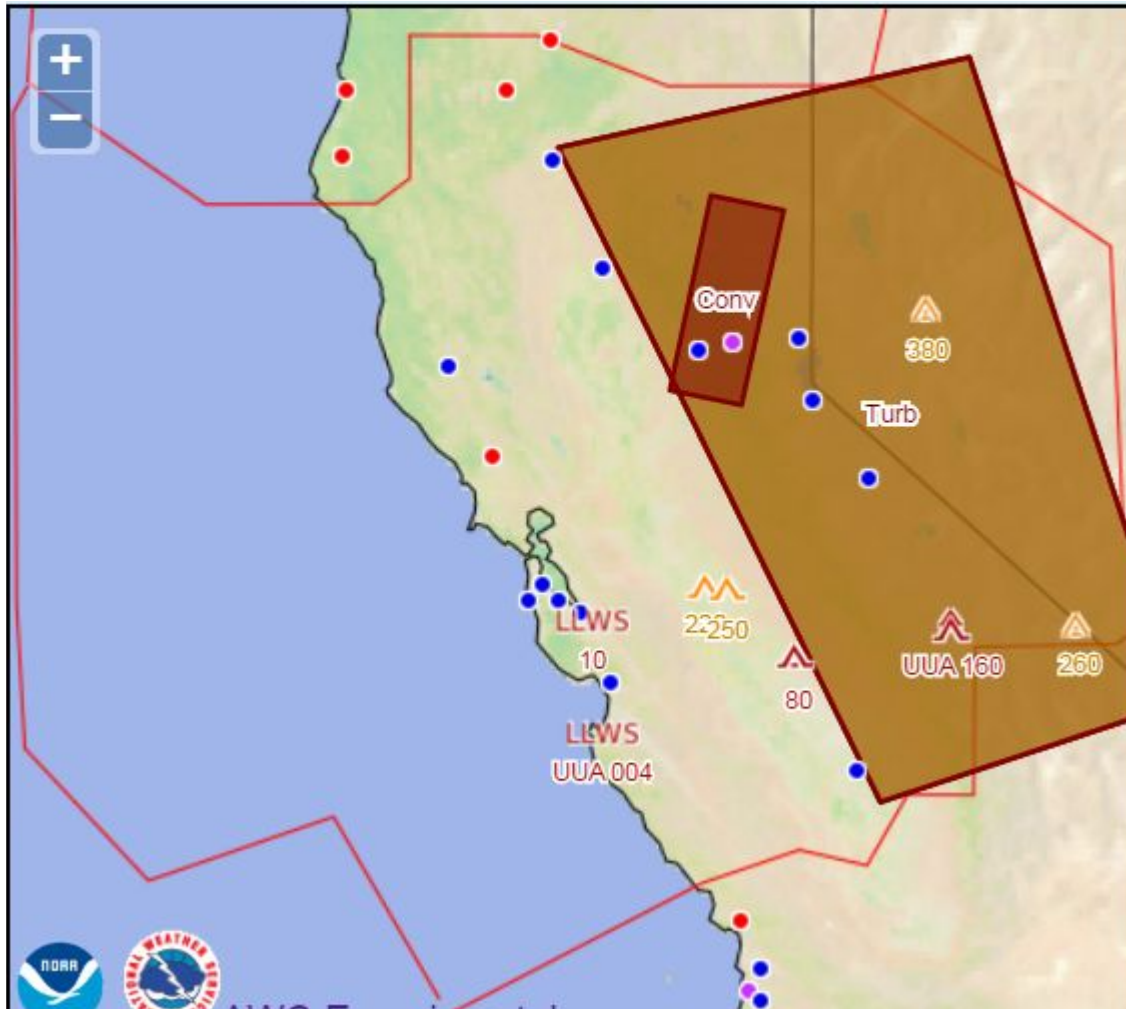
SIGMET

NV CA

FROM 90SSW REO TO BTY TO 40NNW EHF TO 30N RBL TO 90SSW REO

OCNL SEV TURB BLW 150. DUE TO STG LOW LVL WNDZ AND MTN WV ACT AND

STG UDDFS AND LLWS. CONDS CONTG BYD 2332Z.



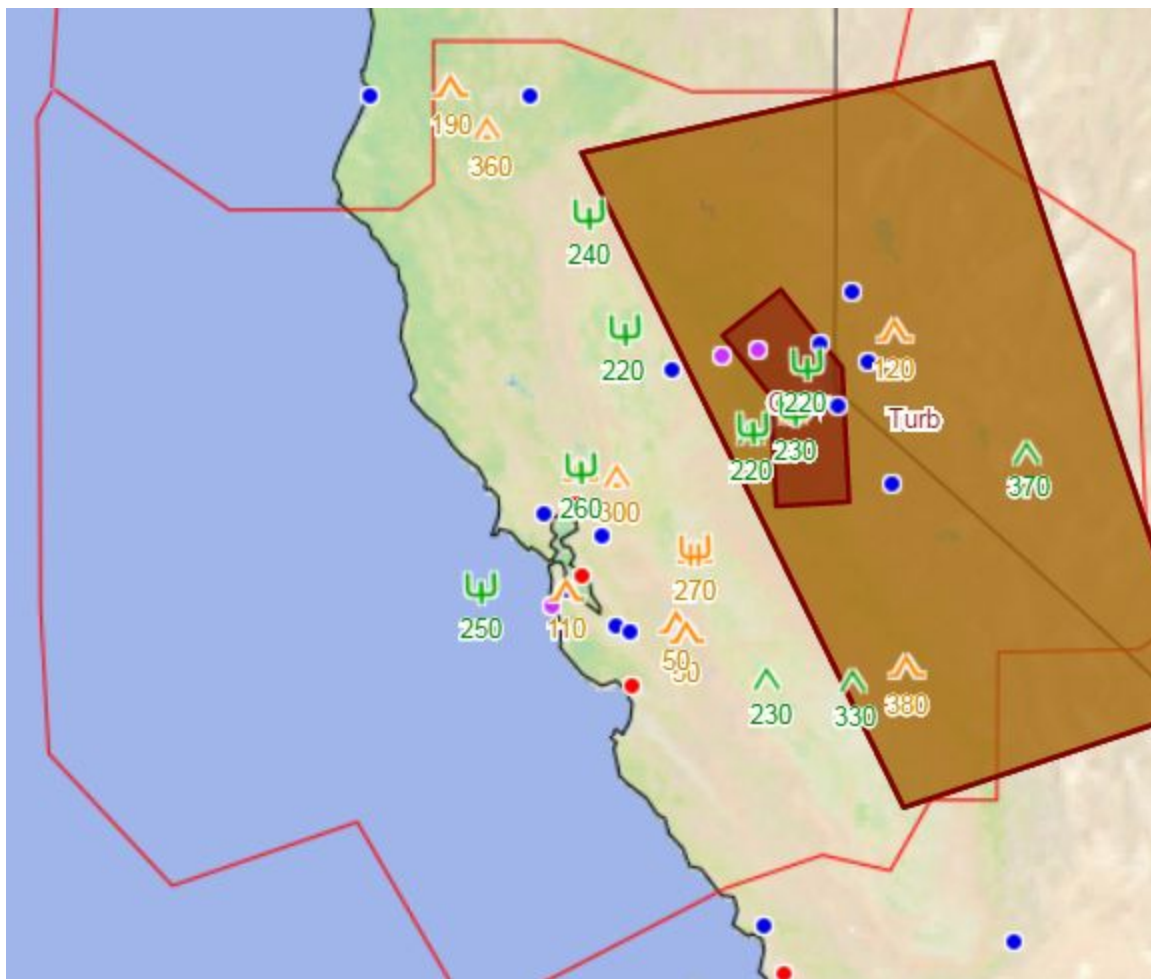
23Z active AWC hazards...

Center: KPCI
Begins: 2016-10-15T22:55:00Z
Ends: 2016-10-15T23:54:59Z
Top: 30000 ft

WSUS33 KPCI 152255
SIGW
CONVECTIVE SIGMET 11W
VALID UNTIL 0055Z
CA
FROM 60NW FMG-40NE SAC
LINE TS 30 NM WIDE MOV FROM 28020KT. TOPS TO FL300.

TURB SIGMET
Center: KSFO
Begins: 2016-10-15T22:27:00Z
Ends: 2016-10-16T02:23:59Z
Top: 18000 ft
Base: 0 ft

WSUS06 KPCI 152227
SFON WS 152227
SIGMET NOVEMBER 2 VALID UNTIL 160227
SIGMET
CA NV
FROM 90SSW REO TO BTY TO 40NNW EHF TO 30N RBL TO 90SSW REO
OCNL SEV TURB BLW FL180. DUE TO STG LOW LVL WND S AND MTN WV ACT
AND STG UDDFS AND LLWS. REPLACES SIGMET NOVEMBER 1. CONDS
CONTG
BYD 0227Z.



01Z active AWC hazards:

CONVECTIVE SIGMET

Center: KPCI
Begins: 2016-10-16T00:55:00Z
Ends: 2016-10-16T01:54:59Z
Top: 30000 ft

WSUS33 KPCI 160055
SIGW
CONVECTIVE SIGMET 1W
VALID UNTIL 0255Z
NV CA
FROM 50W FMG-40SW FMG-50NE MOD
LINE TS 30 NM WIDE MOV FROM 26040KT. TOPS TO FL300.

TURB SIGMET

Center: KSFO
Begins: 2016-10-15T22:27:00Z
Ends: 2016-10-16T02:23:59Z
Top: 18000 ft
Base: 0 ft

WSUS06 KPCI 152227
SFON WS 152227
SIGMET NOVEMBER 2 VALID UNTIL 160227
SIGMET
CA NV
FROM 90SSW REO TO BTY TO 40NNW EHF TO 30N RBL TO 90SSW REO
OCNL SEV TURB BLW FL180. DUE TO STG LOW LVL WINDS AND MTN WV ACT
AND STG UDDFS AND LLWS. REPLACES SIGMET NOVEMBER 1. CONDS
CONTG
BYD 0227Z.

CIWS 20:50 - 21:50 - **22:50** - 23:50 (area destabilization and lee-side drying - flight path into clouds/moisture):

