



PM FORM 2018-19

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|--------------|----------|--------------|------|------------------------|-------------------------|
| Date: | 20190114 | Time: | 1745 | Guides Present: | Cardozo, Deal, Kittrell |
|--------------|----------|--------------|------|------------------------|-------------------------|

Area/Zone/Drainage: Paradise, Pinyon

FIELD WEATHER SUMMARY:

| Elev. Observed | | SKY | | Precip | | Est Wind @ Ridgetop | | Temperature (C) | | Snow Depth (cm) | | |
|----------------|------|-----|-----|--------|----|---------------------|--|-----------------|-----|-----------------|-----|---------|
| HI | Low | AM | PM | AM | PM | Speed & Direction | | Hi | Low | HN | HST | HS |
| 9,800 | 7200 | CLR | CLR | NO | NO | moderate SE | | 2 | -3 | 0 | 0 | 110-130 |

Summary of today's weather trends and factors including pressure, visibility, radiation, snowfall distribution, wind drifted snow:

Warm day but not as warm as the past few days.

AVALANCHE OBSERVATIONS:

| NUM | TRIGGER | TYPE | SIZE | INC | ASP | ELEV | LOCATION | COMMENTS |
|-----|---------|------|------|-----|-----|------|----------|----------|
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SNOWPACK OBSERVATIONS:

Summary of observations including: penetration, snowpack tests/location, relevancy/results, layer extent, changes through day:

Pinyon rockin bowl right (8600' NE 33° HS 95cm) CT 25 SC down 95cm PST 20/100 Arr .ECTX, no SH in this location, 30cm HST to old interface which is FCsf, we looked for burried SH in Sandbox (WEST, 8800, 28 Deg, HS 110) CT25, RP X 2 AT 30CM down on SH, 2-3mm laying down, PST 100/130 end, tested layer was 25cm above ground in old DH. Igor (8600, NE, 30deg) CTN x 2.

Snowpack Structure: (Relevant layers of interest, how to identify them and distribution. Slab thickness and distribution. Average SN depths. Etc.) :

30cm F DF, 1/5 IF 30-40cm FCsf - RG 4F-1F 25cm DHxr moist where there is a thicker snowpack pack, dryer in our thinner locations. 0105 has become a more shallow problem by 10 cm due to settlement.

ASSESSMENT OF THE AVALANCHE PROBLEM

| Avalanche Characteristics | | | Likelihood of Triggering | | Terrain Feature |
|----------------------------------|-----------------|-------------------|--------------------------|---------------|--|
| Layer of Interest: Depth/Date | Type: | Size: (D/R-Scale) | Sensitivity: | Distribution: | Terrain: (Location, Aspect, Start Zones, Shape, Incline, Run Name) |
| 95cm / 1122 | Persistent Slab | 3 | Un-Reactive | Specific | Steeper, rocky, classic start zones |
| 30cm / 0105 | Persistent Slab | 2 | Stubborn | Specific | Sheltered, steep, rocky, classic start zones. |
| | | | | | |

AVALANCHE HAZARD SUMMARY

Summarize the character of the primary concern including the date/depth/distribution of the problem/weak layer. ID strategies for identifying the primary concern. What information is still lacking?

Still a weak snowpack, especially where HS is less than 90cm. No evidence of instability observed.

TERRAIN USE STRATEGIES:

Summarize terrain choices, features committed to and avoided, timing.

We continued to ski conservative lines but stepped out a little to terrain that we have had open on the run list for a few operation periods but have previously choesen not to ski due to uncertainty.