



Review of Goose Fire infrared analysis

Date: August 4, 2021

Time: 1240

Analysis performed by Aspen Helicopters

A complete perimeter flight was performed with very little heat identified.

A single heat location (log) was found below a rock fall east of H-2. Lat 44° 43.655 x Lon -111° 36.733

A couple of other heats (scattered heat with down logs) were located at Lat 44° 44.678 x Lon -111° 33.510 and Lat 44° 44.594 x Lon -111° 33.510.

The remainder of the perimeter looks great.

Please review the second page of the PDF to see a description of my interpretation of the types of IR heat that can be identified.

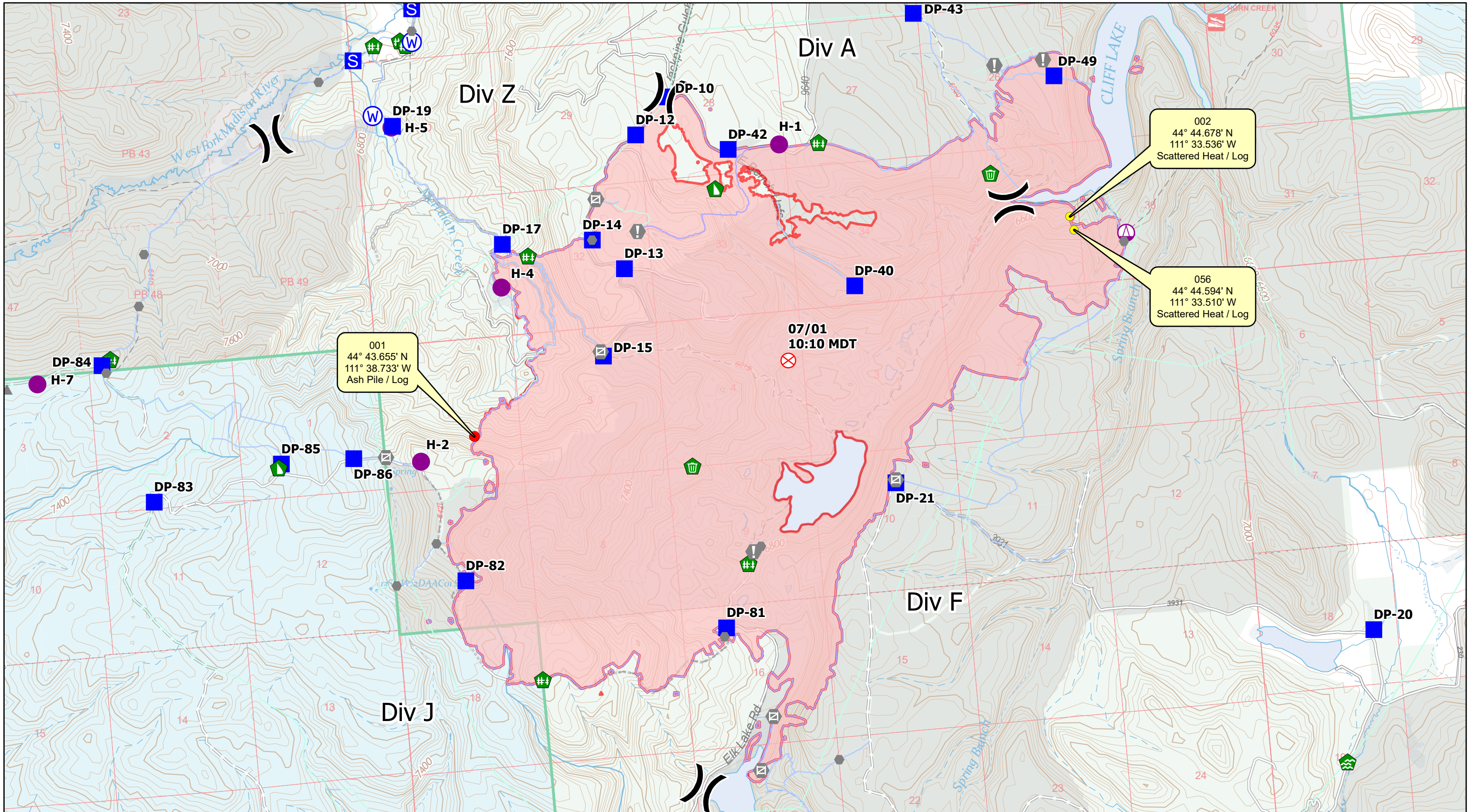
If you have any questions please contact me at





805.218-9646 or jim@vetsresponse.com

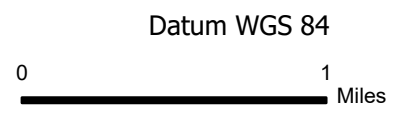
Thank You,

Jim Kniss

Veteran's Emergency Technical Services, VETS



-  Active Fire - Uncontrolled Spot Fire or Fire Front
-  Creeping Fire - Smoker, 12" Flame Length or Less
-  Hot Spot - Significant Priority
-  Hot Spot - Moderate Priority



Goose Fire

MT-BDF-006227





Infrared Map - Div A

Infrared Data Captured on 20210804 @ 1240





INFRARED MAP LEGEND

-  Hot Spot - Moderate Priority (Heat above 200°, Little Vegetation in Vicinity)
-  Hot Spot - Significant Priority (Heat above 200°, Unburned Vegetation in Vicinity)
-  Creeping Fire - Smoker, 12" Flame Lengths or Less
-  Active Fire - Uncontained Spot Fire or Fire Front

GPS Coordinates are in Degrees & Decimal Minutes (DD MM.mmmm')

Datum is WGS 84 (unless otherwise noted on map) Ex. N 37° 44.575'
W -119° 32.101'

Date and Time is when the intelligence was gathered

Heat Sources are normally acquired within a 400 foot strip, 200 feet inside and 200 feet outside the fire line or fire front (wider strips are flown as necessary and are labeled on infrared map).

LIMITS TO INFRARED AND GPS INFORMATION

Under the best conditions heat sources less than 4 to 6 inches in diameter are inconsistent.

Heat sources under heavy canopy or in large rock piles are difficult to verify.

Accuracy of positive identification of heat sources is 90%

Accuracy of negative identification of heat sources is 10% to 20%. (Depending on canopy).

Accuracy of GPS coordinates is within 50 feet, 90% of the time.

Infrared Labeling Details:

