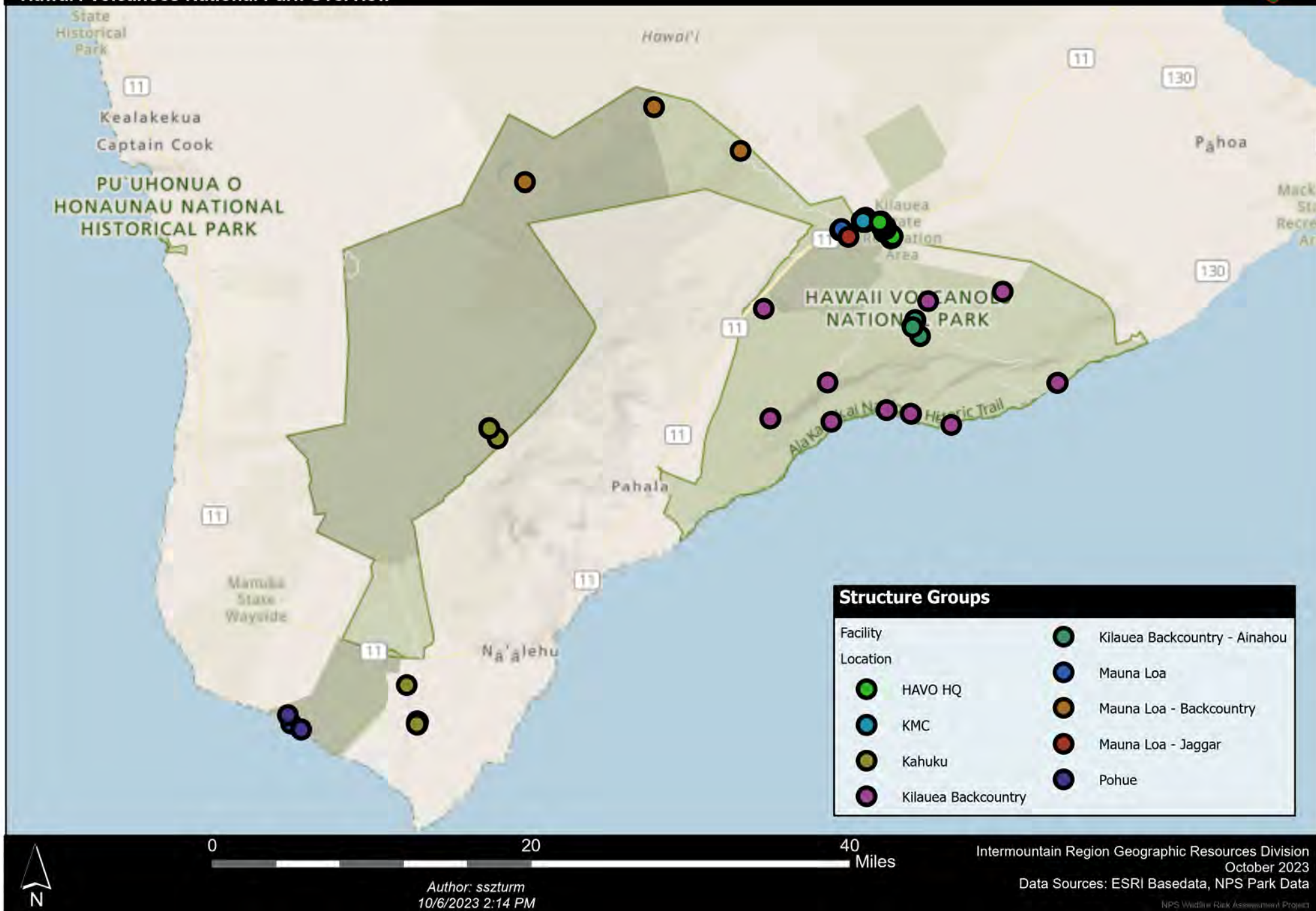


NPS Wildfire Risk Assessments Assessment Locations

National Park Service
U.S. Department of the Interior



Hawai'i Volcanoes National Park Overview

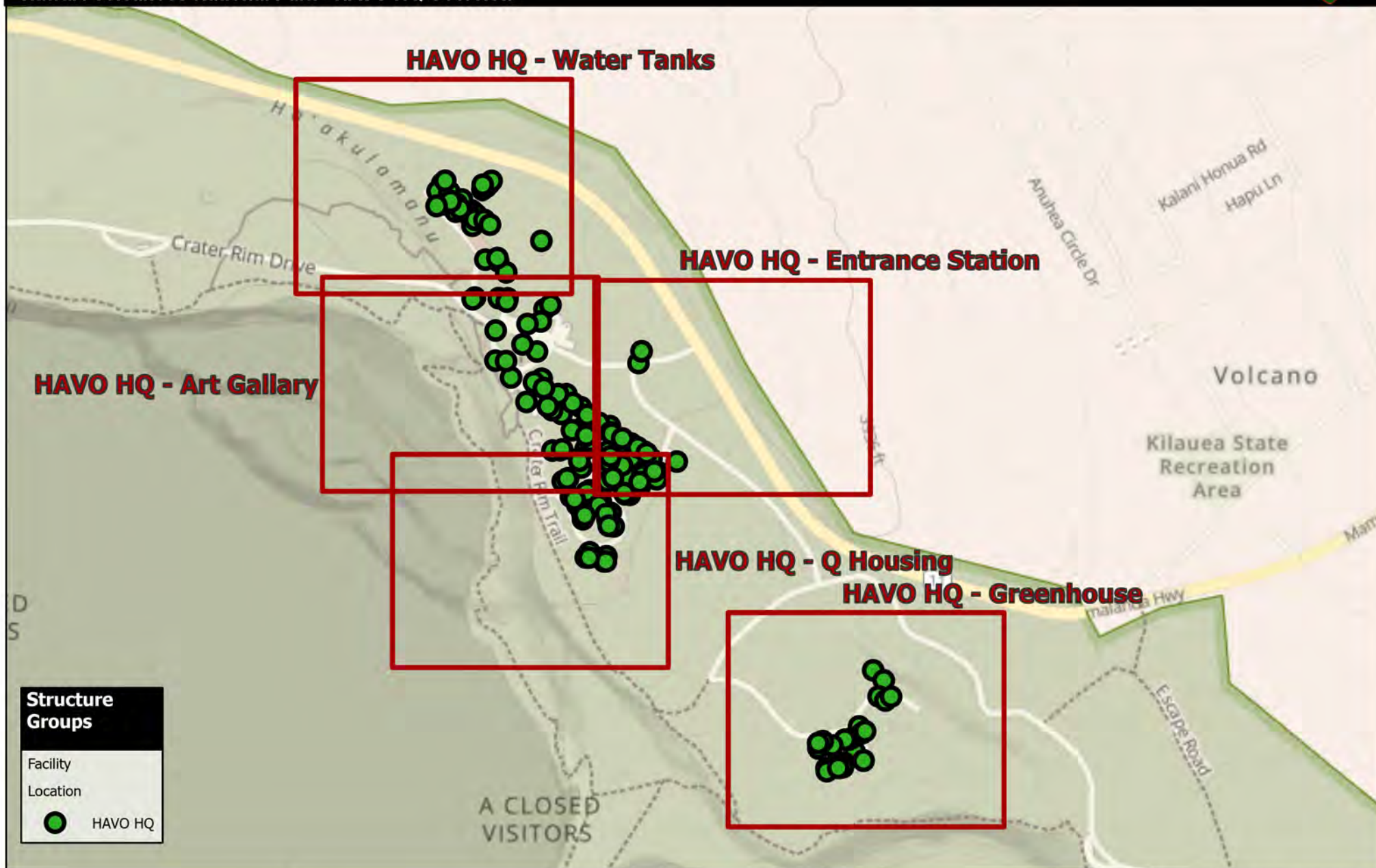


NPS Wildfire Risk Assessments Assessment Locations

National Park Service
U.S. Department of the Interior



Hawai'i Volcanoes National Park - HAVO HQ Overview



Structure Groups

Facility

Location

HAVO HQ



0 0.5 1 Miles

Author: sszturm
10/5/2023 9:20 AM

Intermountain Region Geographic Resources Division
October 2023
Data Sources: ESRI Basedata, NPS Park Data

NPS Wildfire Risk Assessment Project

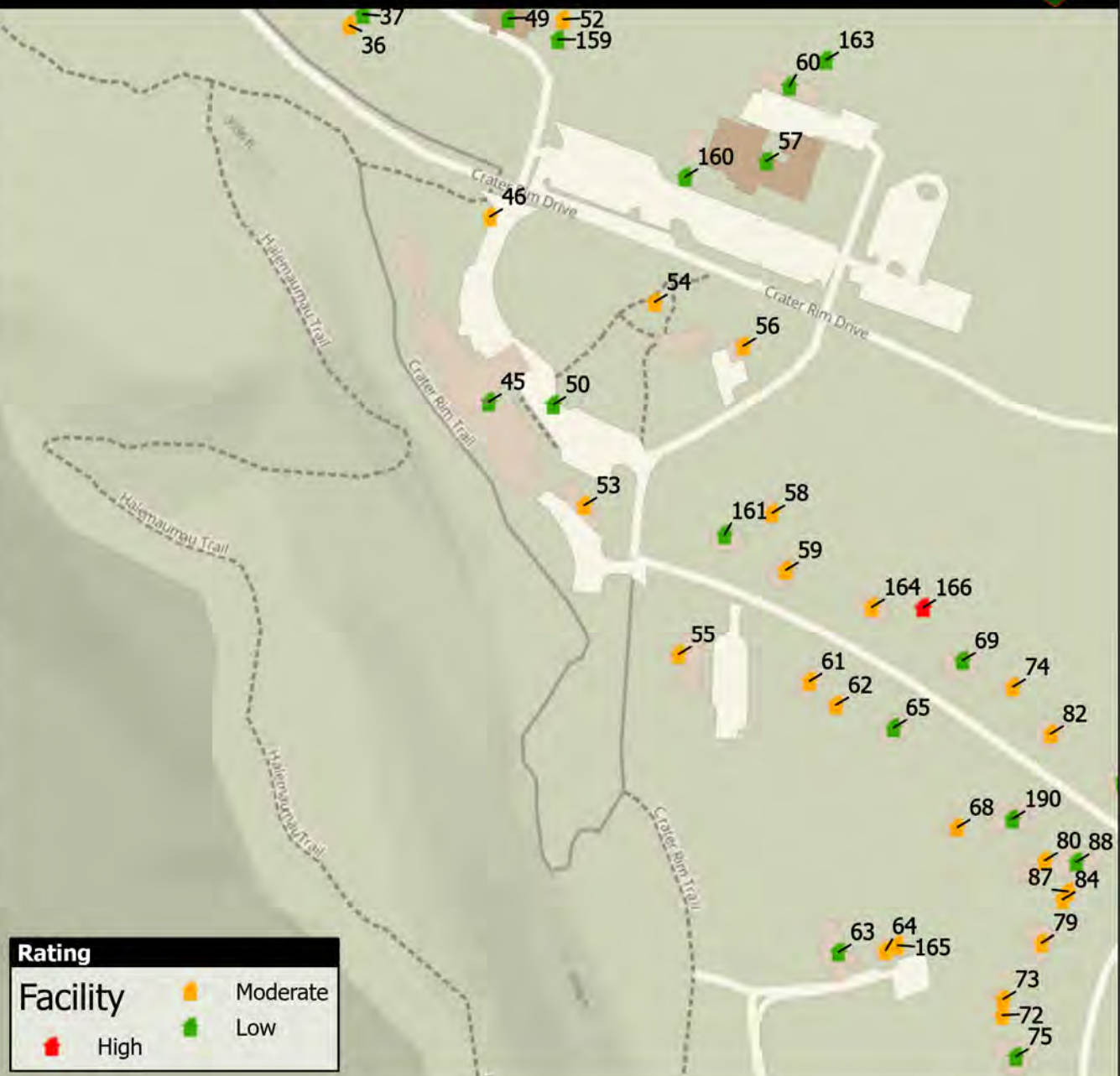
HAVO HQ - Art Gallery

HAVO - Hawaii Volcanoes National Park

National Park Service
U.S. Department of the Interior



Map Label	FMSS ID	Common Name
159	22581	Art Gallery Restrooms
160	22567	B323 KVC Restrooms
161	22284	B15-HNHA office
163	unknown	Headquarters Utility Power Building
164	22317	B22 Office
165	Unknown	Propane tank
166	22327	G47-Garage for Q16,Q22
190	22301	B19 Interp Office
36	unknown	Restored Hale
37	22586	Pump House
45	22488	Bldg 167 Volcano House - Second Wing
46	22508	Volcano House - Pump House (B79)
49	22578	B42 Art Gallery
50	22484	Bldg 168 Volcano House - Main Building & New Addition
52	22582	Art Gallery Office
53	unknown	Concessioner Garage
54	22485	Bldg 11 Ohia Wing - Volcano House
55	22505	Bldg 2 Volcano House - Concession Dorm
56	22486	Bldg 44 Ohia Wing - Garage
57	22566	B41-Kilauea Visitor Center/ HQ
58	22326	G46 Garage for Q5, Q15
59	22336	B5 Fee Office
60	22568	B45-Headquarters Parking Garage
61	22324	B3 I&M Offices
62	22293	G172-Garage for Q3
63	22342	B17 Ed Center
64	22343	G58-Garage for Q17
65	22325	B4 HR Office
68	22328	G48-Garage for Q19
69	22355	B16 I&M Office
72	Unknown	Propane Tank
73	22330	G50-Garage for Q20
74	22320	G245-Garage for Q7
75	22315	B21 BRD office
79	22311	B20 BRD Office
80		Propane Tank
82	22335	B7-Interp Office
84	57090	B49-Garage for Q18
87	22329	B49 Storage Shed for Q23, Q24
88	22295	B18 Maintenance Office
91	22332	B6 Back Country Office



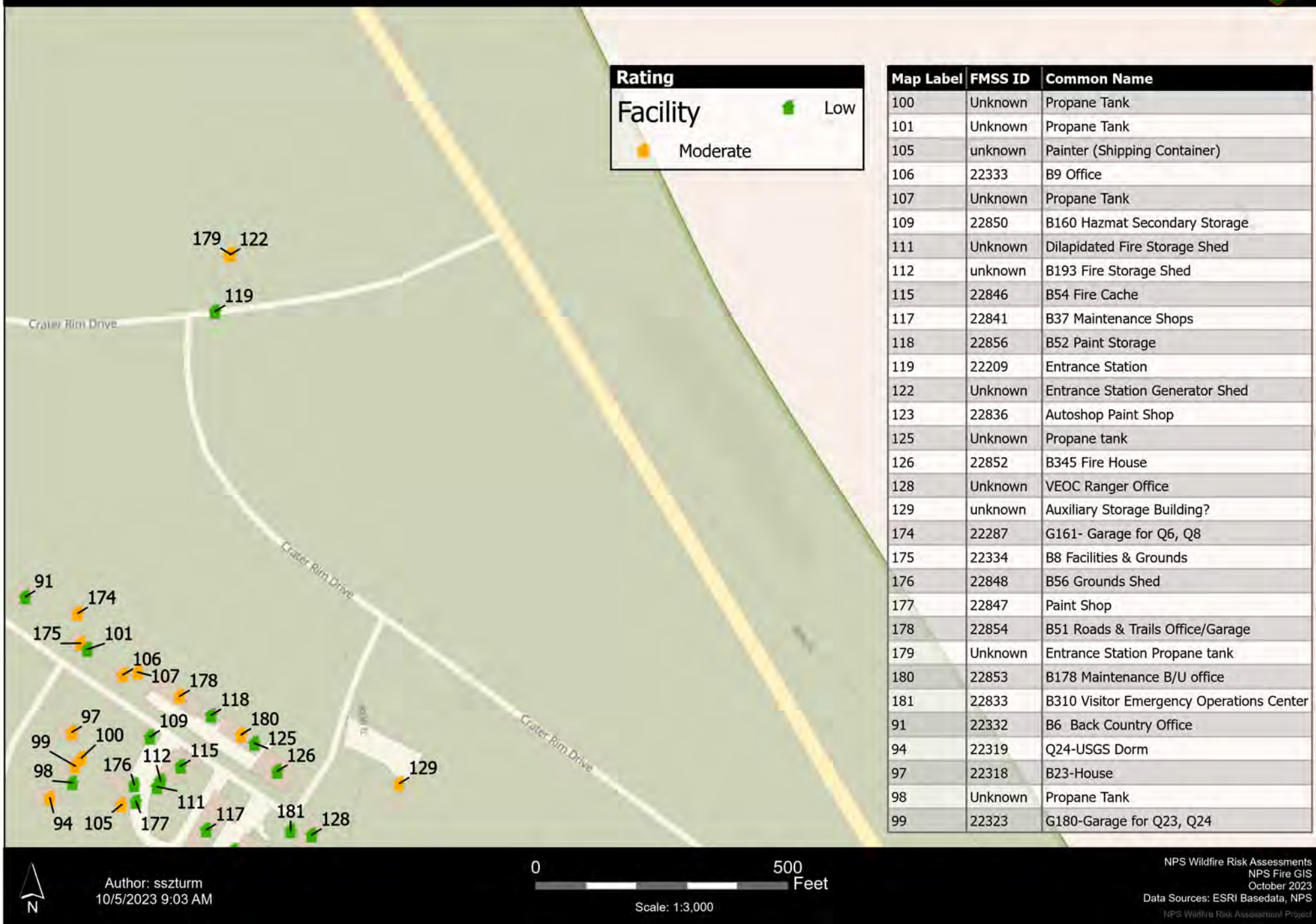
Author: sszturm
10/5/2023 7:56 AM

NPS Wildfire Risk Assessments
NPS Fire GIS
October 2023
Data Sources: ESRI Basedata, NPS
NPS Wildfire Risk Assessment Project

HAVO HQ - Entrance Station

HAVO - Hawaii Volcanoes National Park

National Park Service
U.S. Department of the Interior





Author: sszturm
10/5/2023 7:20 AM

0 500 Feet
Scale: 1:3,000

NPS Wildfire Risk Assessments
NPS Fire GIS
October 2023
Data Sources: ESRI Basedata, NPS
NPS Wildfire Risk Assessment Project

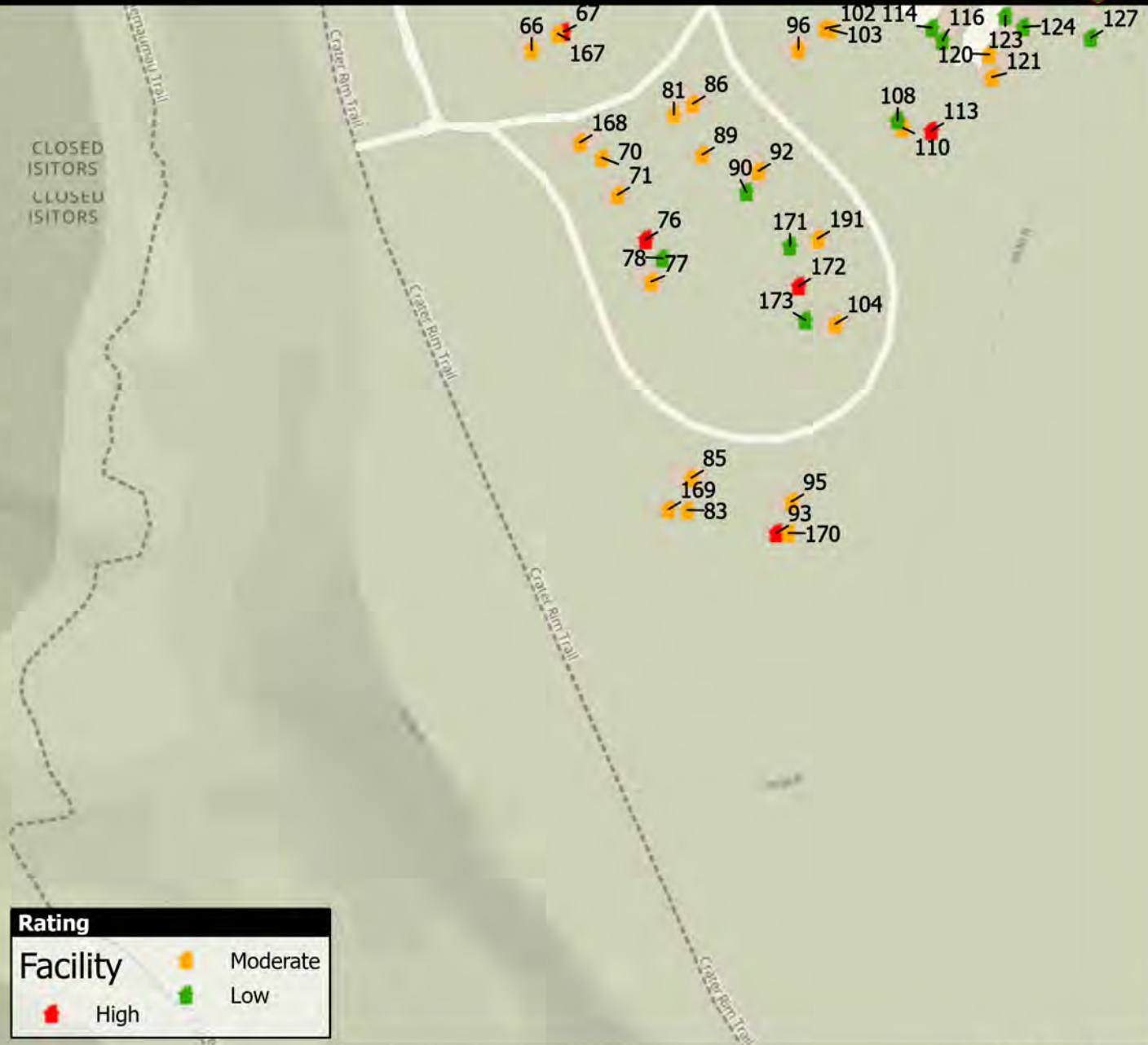
HAVO HQ - Q Housing

HAVO - Hawaii Volcanoes National Park

National Park Service
U.S. Department of the Interior



Map Label	FMSS ID	Common Name
102	22331	G173-Garage for Q25
103	Unknown	Propane Tank
104	22309	Q197-RM Dorm
108	Unknown	Propane Tank
110	22283	Q13-House
113		Carport for Quarters 13
114	22840	Wash Rack (B350)
116	Unknown	Propane tank
120	22837	B331 Heavy Equipment Shop
121		Maintenance Shed
123	22836	Autoshop Paint Shop
124	22835	B223 Auto Shop
127	Unknown	Diesel Generator for VEOC
128	Unknown	VEOC Ranger Office
167	Unknown	Propane tank
168	22314	Q203-Dorm
169	22291	G170- Garage for Q169
170	Unknown	Propane Tank
171	Unknown	Propane Tank
172	22308	G196-Garage for Q195,Q197
173	Unknown	Propane Tank
181	22833	B310 Visitor Emergency Operations Center
191	22307	Q 195
66	22322	Q27 A & B
67	22316	G212-Garage for Q27
70	Unknown	Propane tank
71	22313	Q201-Dorm
76		Carport for Quarters 199 & 201
77	22310	Q199-Dorm
78	Unknown	Propane Tank
81	Unknown	Propane Tank
83	Unknown	Propane Tank
85	22285	Q169-House
86	22303	Q191-Interp Dorm
89	22304	G192-Garage for Q191,Q193
90	Unknown	Propane Tank
92	22306	Q193-BRD Dorm
93	22299	G184-Garage for Q183
95	22297	Q183-USGS House
96	22321	Q25-House



Author: sszturm
10/5/2023 8:20 AM

NPS Wildfire Risk Assessments
NPS Fire GIS
October 2023
Data Sources: ESRI Basedata, NPS
NPS Wildfire Risk Assessment Project

HAVO HQ - Water Tanks

HAVO - Hawaii Volcanoes National Park

National Park Service
U.S. Department of the Interior



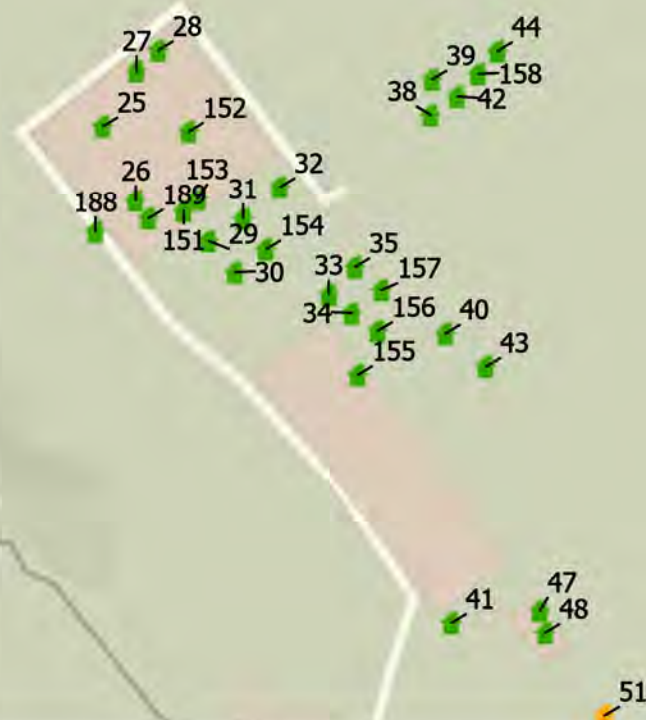
Map Label	FMSS ID	Common Name
151	unknown	Rainshed unknown utility building
152	88898	Ainahou Rain Collection Shed #1
153	unknown	Rainshed unknown utility building
154	unknown	Main Water Tank unnamed
155	21501	B43 Rainshed, Old
156	unknown	Wooden Water Tank #11
157	unknown	Wooden Water Tank #10
158	unknown	Water Tank SS2
162	22592	Reservoir Pump House (B242)
188	unknown	Rainshed Communications Tower Complex
189	57083	Rainshed Resource Management Office
25	57080	Rainshed Propane Storage
26	57082	Rainshed Resource Management Shop
27	21502	Rainshed, New (B241) (SAR Cache)
28	64572	Rainshed unknown building
29	unknown	Main Water Tank unnamed
30	unknown	Main Water Tank unnamed
31	unknown	Main Water Tank unnamed
32	unknown	Main Water Tank #T-5
33	unknown	Wooden Water Tank #7
34	unknown	Wooden Water Tank #9
35	unknown	Wooden Water Tank #8
38	unknown	Water Treatment Shed
39	unknown	Water Tank unnamed
40	unknown	Main Water Tank #T-18
41	88900	Rain Collection Shed #2
42	unknown	Water Tank SS1
43	unknown	Main Water Tank #T-19
44	unknown	Water Tank unnamed
47	unknown	USGS Hazmat Storage Shed
48	21518	Rainshed USGS Warehouse
51	unknown	Air Quality Monitoring Shed

Rating

Facility

Low

Moderate



Author: sszturm
10/5/2023 7:17 AM

0 500 Feet
Scale: 1:3,000

NPS Wildfire Risk Assessments
NPS Fire GIS
October 2023
Data Sources: ESRI Basedata, NPS
NPS Wildfire Risk Assessment Project



NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: B344-BRD Two Story

Unit - Location: HAVO - HAVO HQ

FMSS ID: 33358, **Local ID:**

Structure Type, Use: Building, Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, May 6, 2021

Coordinates (DDM): 19° 25.18177584' N 155° 14.93194614' W

Rating: High

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: Yes

In Community: Yes, Maintenance/Admin Buildings

Revisit Interval: yrs

Map Label: 146

Primary Access: Road

Ingress Egress: 1 road in/out

Access Width: 1.5 lanes (Greater than 18')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: No defensible space

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Wood or open sided

Foundation: Open or deck

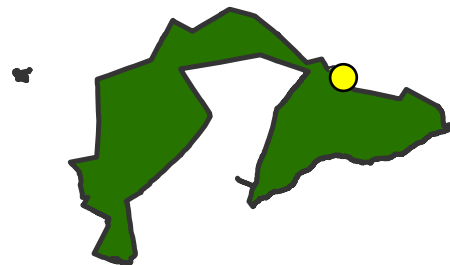
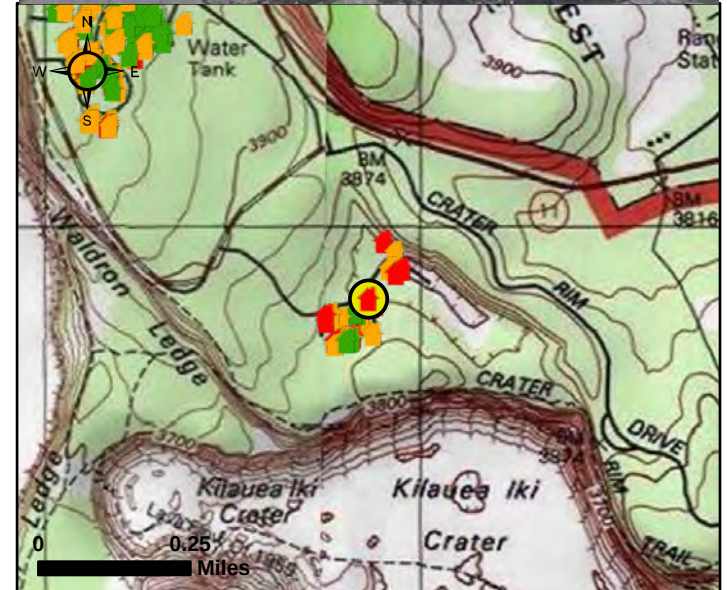
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: None

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: G245-Garage for Q7

Unit - Location: HAVO - HAVO HQ

FMSS ID: 22320, **Local ID:**

Structure Type, Use: Building, Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, April 7, 2021

Coordinates (DDM): 19° 25.65333690' N 155° 15.36643500' W

Rating: Moderate

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: Yes

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 74

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: None or not clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: No defensible space

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Wood or open sided

Foundation: Closed, 6in to 30in masonry exposed

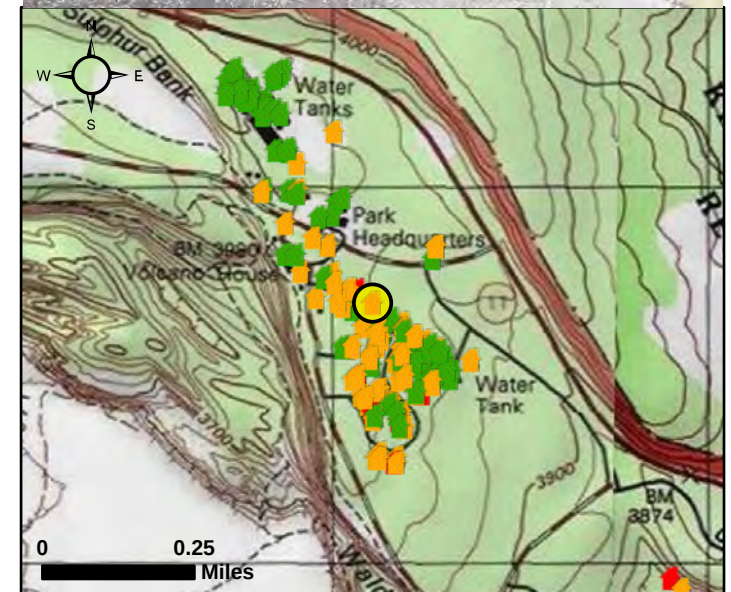
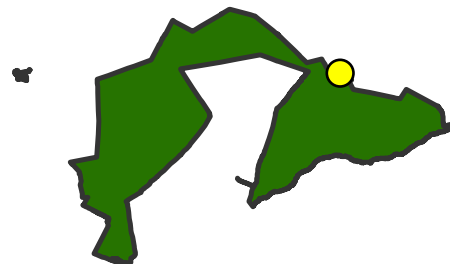
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: None

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: G161- Garage for Q6, Q8

Unit - Location: HAVO - HAVO HQ

FMSS ID: 22287, **Local ID:**

Structure Type, Use: Building, Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, April 14, 2021

Coordinates (DDM): 19° 25.62551820' N 155° 15.32130324' W

Rating: Moderate

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: No

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 174

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: None or not clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: No defensible space

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Wood or open sided

Foundation: Closed, 6in to 30in masonry exposed

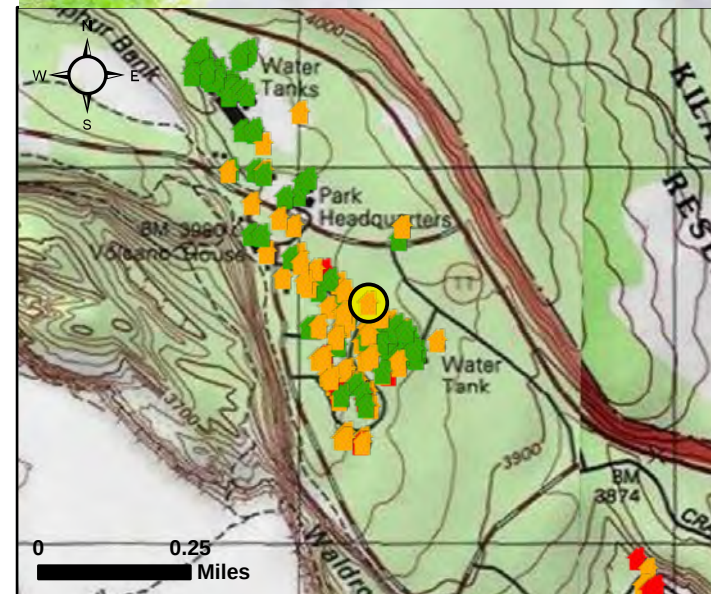
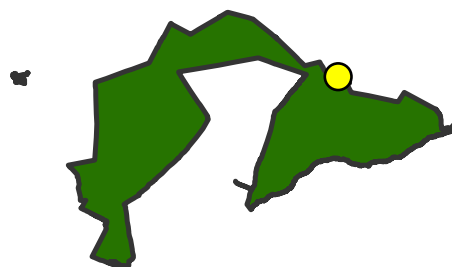
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: None

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: G180-Garage for Q23, Q24

Unit - Location: HAVO - HAVO HQ

FMSS ID: 22323, **Local ID:**

Structure Type, Use: Building, Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, April 14, 2021

Coordinates (DDM): 19° 25.57867098' N 155° 15.32216958' W

Rating: Moderate

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: No

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 99

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: None or not clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: No defensible space

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Wood or open sided

Foundation: Closed, 6in to 30in masonry exposed

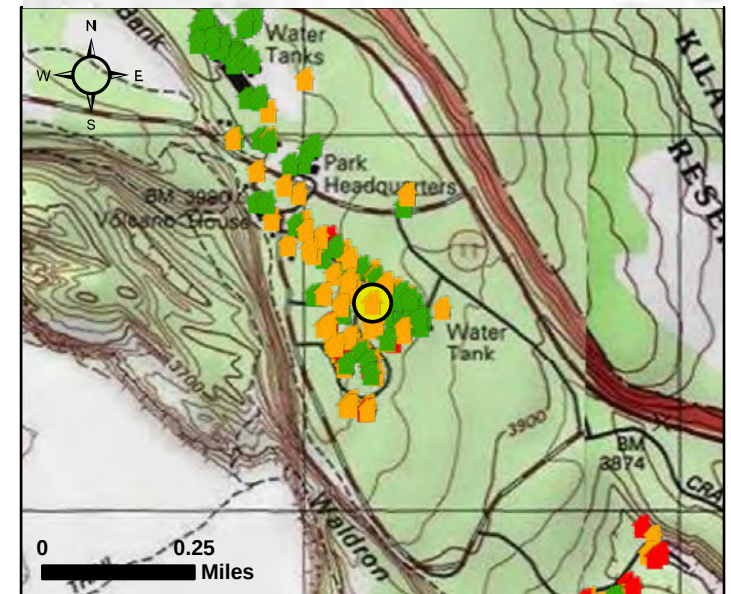
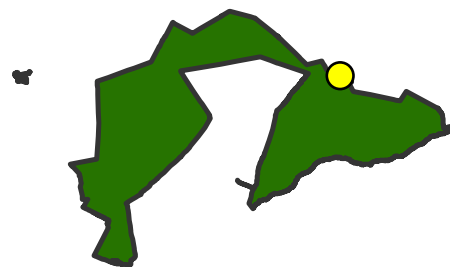
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: Adjacent to facility and no fuels clearance

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: G173-Garage for Q25

Unit - Location: HAVO - HAVO HQ

FMSS ID: 22331, **Local ID:**

Structure Type, Use: Building, Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, April 14, 2021

Coordinates (DDM): 19° 25.54968678' N 155° 15.31781028' W

Rating: Moderate

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: No

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 102

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: None or not clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: No defensible space

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Wood or open sided

Foundation: Closed, 6in to 30in masonry exposed

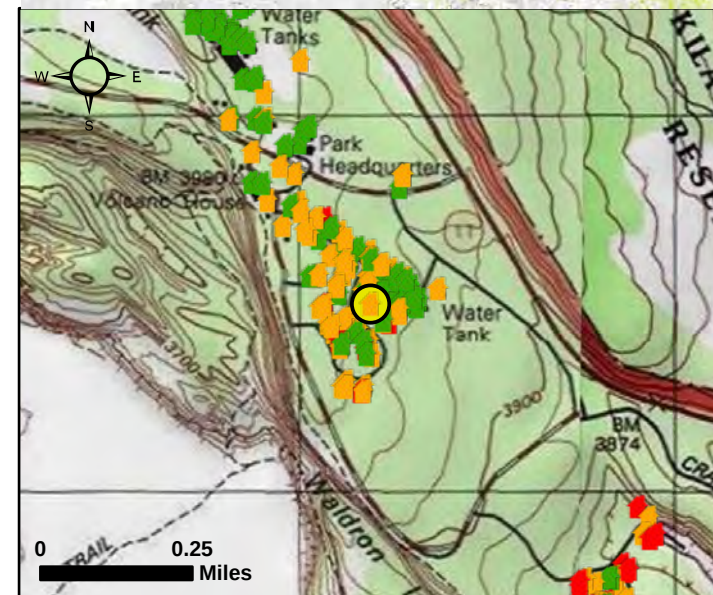
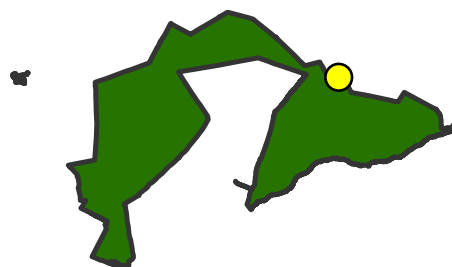
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: Present and little to no fuels clearance

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: G212-Garage for Q27

Unit - Location: HAVO - HAVO HQ

FMSS ID: 22316, **Local ID:**

Structure Type, Use: Building, Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, May 4, 2021

Coordinates (DDM): 19° 25.54882914' N 155° 15.38647698' W

Rating: High

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: No

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 67

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Greater than 300 ft with turnaround

Access and Turnarounds: Greater than 300 ft with turnaround

Facility Number or Sign: None or not clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: No defensible space

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Wood or open sided

Foundation: Closed, 6in to 30in masonry exposed

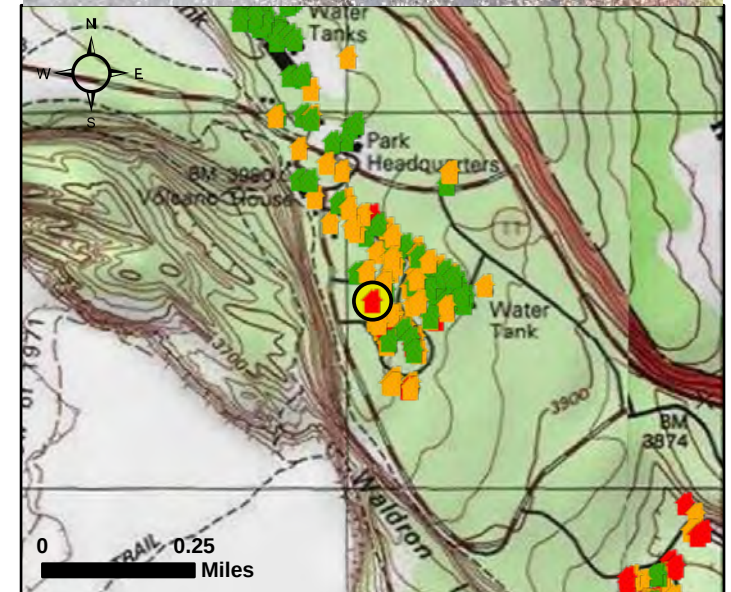
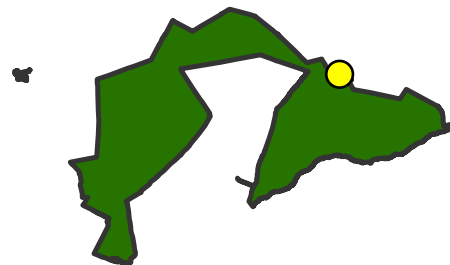
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: Present and fuels clearance

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: Q191-Interp Dorm

Unit - Location: HAVO - HAVO HQ

FMSS ID: 22303, **Local ID:**

Structure Type, Use: Building, Residence

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, April 14, 2021

Coordinates (DDM): 19° 25.53104874' N 155° 15.35257734' W

Rating: Moderate

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: Yes

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 86

Primary Access: Road

Ingress Egress: 1 road in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: 30 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Wood or open sided

Foundation: Open or deck

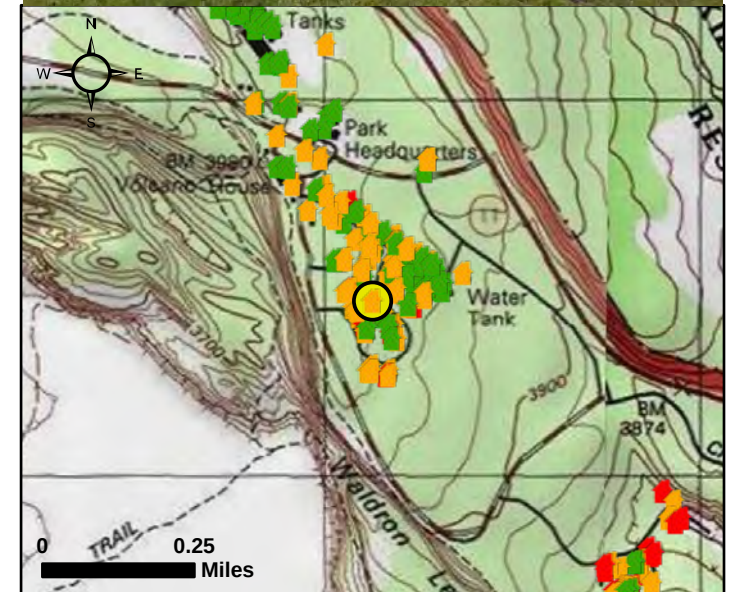
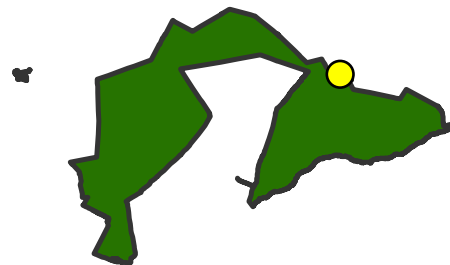
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: Adjacent to facility and no fuels clearance

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: Carport for Quarters 13

Unit - Location: HAVO - HAVO HQ

FMSS ID: , **Local ID:**

Structure Type, Use: Building, Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, April 14, 2021

Coordinates (DDM): 19° 25.52440416' N 155° 15.28997154' W

Rating: High

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: No

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 113

Primary Access: Road

Ingress Egress: 1 road in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: None or not clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: No defensible space

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Wood or open sided

Foundation: Closed, 6in to 30in masonry exposed

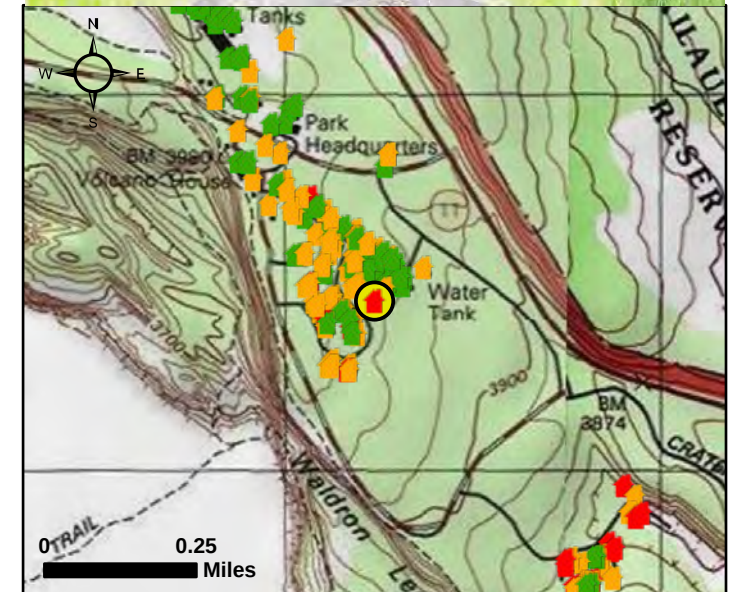
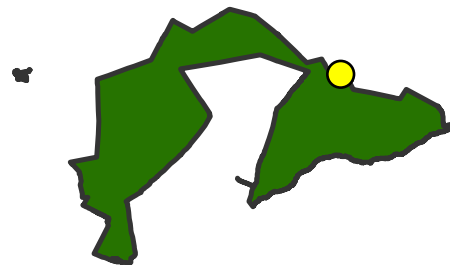
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: None

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: Q203-Dorm

Unit - Location: HAVO - HAVO HQ

FMSS ID: 22314, **Local ID:**

Structure Type, Use: Building, Residence

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, May 4, 2021

Coordinates (DDM): 19° 25.52145888' N 155° 15.38217636' W

Rating: Moderate

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: Yes

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 168

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Greater than 300 ft with turnaround

Access and Turnarounds: Greater than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: Less than 30 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Wood or open sided

Foundation: Open or deck

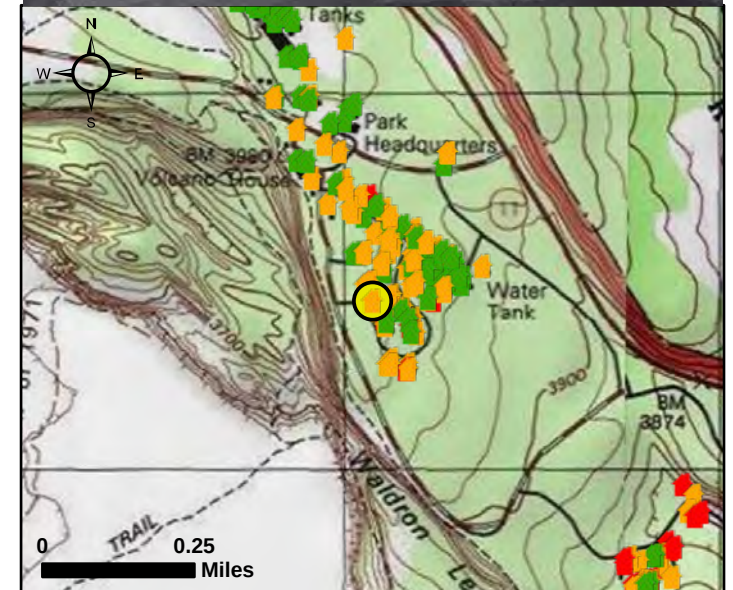
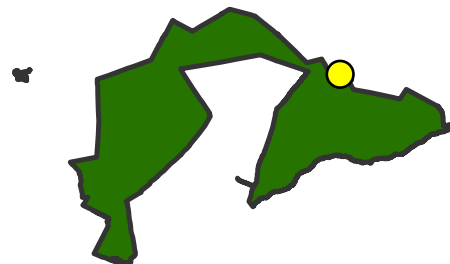
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: Present and little to no fuels clearance

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: G192-Garage for Q191,Q193

Unit - Location: HAVO - HAVO HQ

FMSS ID: 22304, **Local ID:**

Structure Type, Use: Building, Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, April 14, 2021

Coordinates (DDM): 19° 25.51842558' N 155° 15.35009874' W

Rating: Moderate

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: No

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 89

Primary Access: Road

Ingress Egress: 1 road in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: No defensible space

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Wood or open sided

Foundation: Closed, Less than 6in masonry exposed

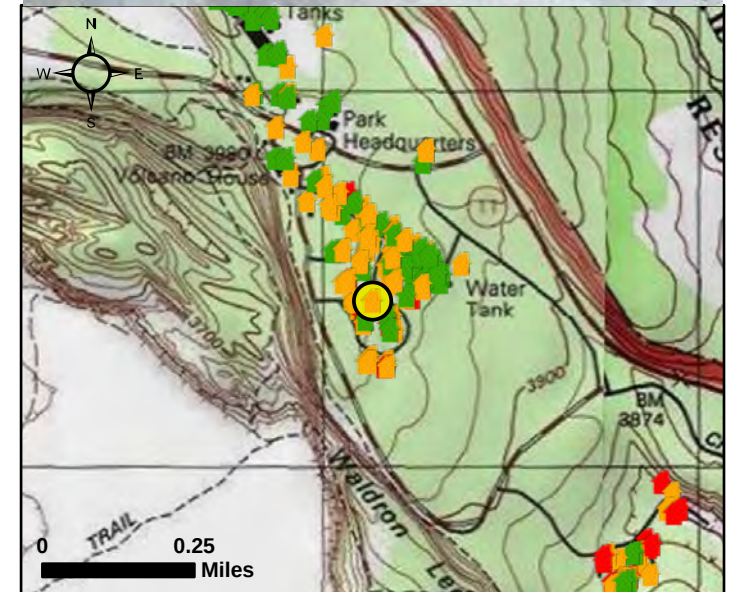
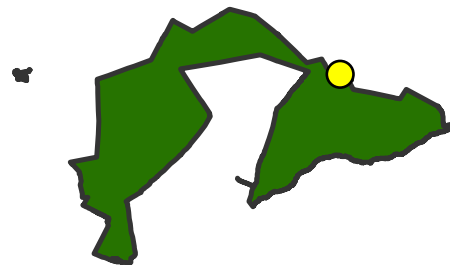
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: None

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: Q193-BRD Dorm

Unit - Location: HAVO - HAVO HQ

FMSS ID: 22306, **Local ID:**

Structure Type, Use: Building, Residence

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, April 14, 2021

Coordinates (DDM): 19° 25.51436796' N 155° 15.33539796' W

Rating: Moderate

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: Yes

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 92

Primary Access: Road

Ingress Egress: 1 road in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: 30 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Wood or open sided

Foundation: Open or deck

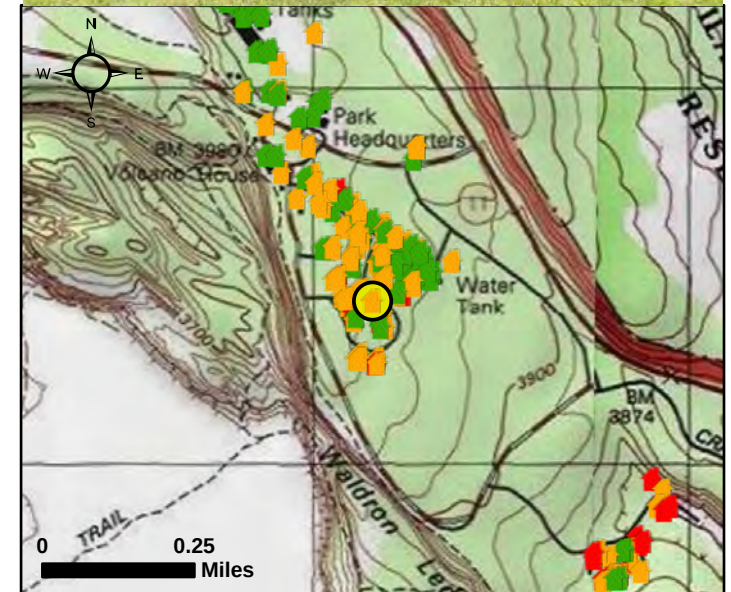
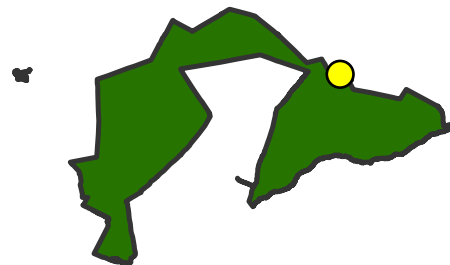
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: Adjacent to facility and no fuels clearance

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: Q201-Dorm

Unit - Location: HAVO - HAVO HQ

FMSS ID: 22313, **Local ID:**

Structure Type, Use: Building, Residence

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, May 4, 2021

Coordinates (DDM): 19° 25.50851178' N 155° 15.37231746' W

Rating: Moderate

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: Yes

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 71

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Greater than 300 ft with turnaround

Access and Turnarounds: Greater than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: 30 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Wood or open sided

Foundation: Open or deck

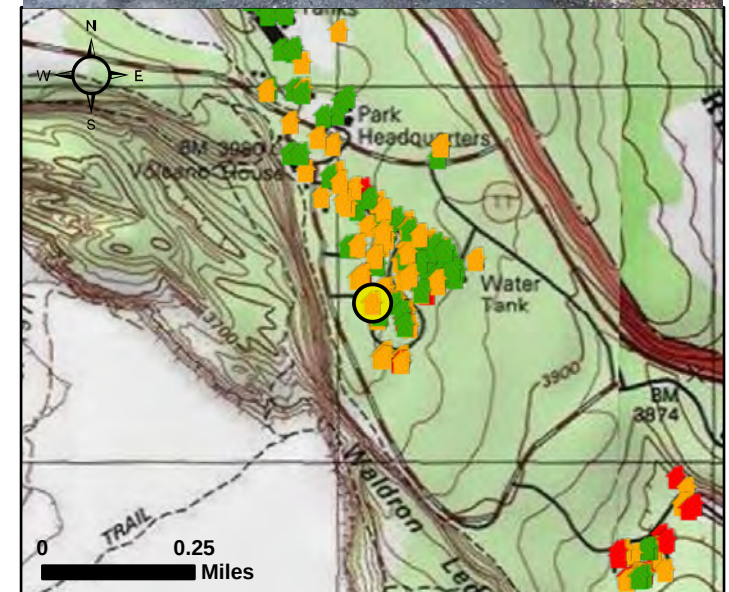
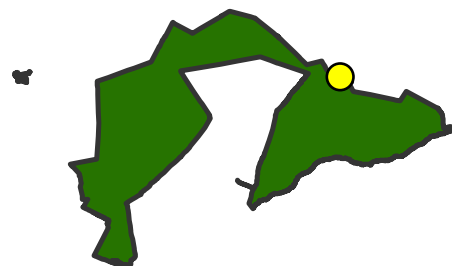
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: None

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: Q 195

Unit - Location: HAVO - HAVO HQ

FMSS ID: 22307, **Local ID:**

Structure Type, Use: Building, Residence

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, April 14, 2021

Coordinates (DDM): 19° 25.49767110' N 155° 15.31983222' W

Rating: Moderate

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: Yes

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 191

Primary Access: Road

Ingress Egress: 1 road in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: 30 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Wood or open sided

Foundation: Open or deck

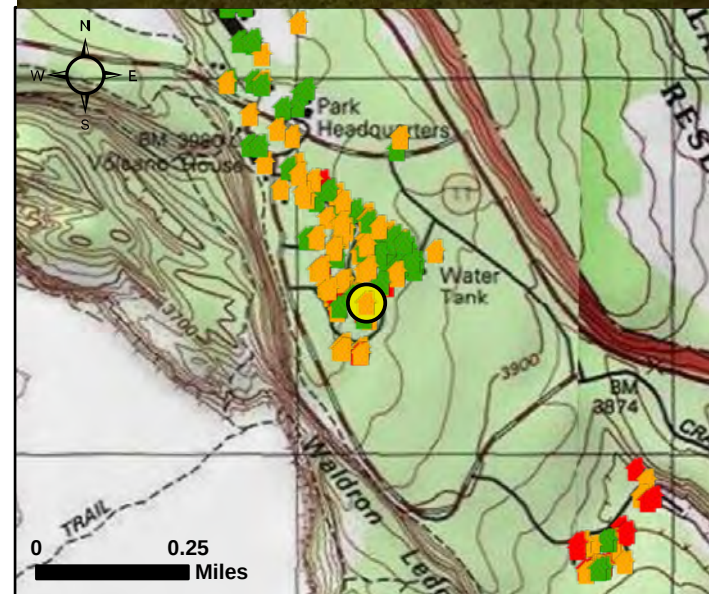
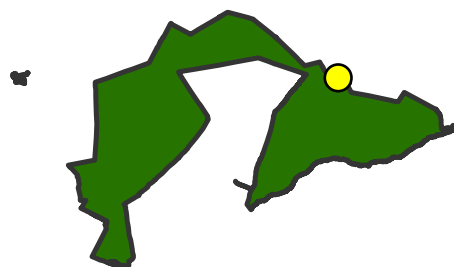
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: Adjacent to facility and no fuels clearance

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: Carport for Quarters 199 and 201

Unit - Location: HAVO - HAVO HQ

FMSS ID: , **Local ID:**

Structure Type, Use: Building, Unknown

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, May 4, 2021

Coordinates (DDM): 19° 25.49752122' N 155° 15.36491856' W

Rating: High

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: No

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 76

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Greater than 300 ft with turnaround

Access and Turnarounds: Greater than 300 ft with turnaround

Facility Number or Sign: None or not clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: No defensible space

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Wood or open sided

Foundation: Closed, 6in to 30in masonry exposed

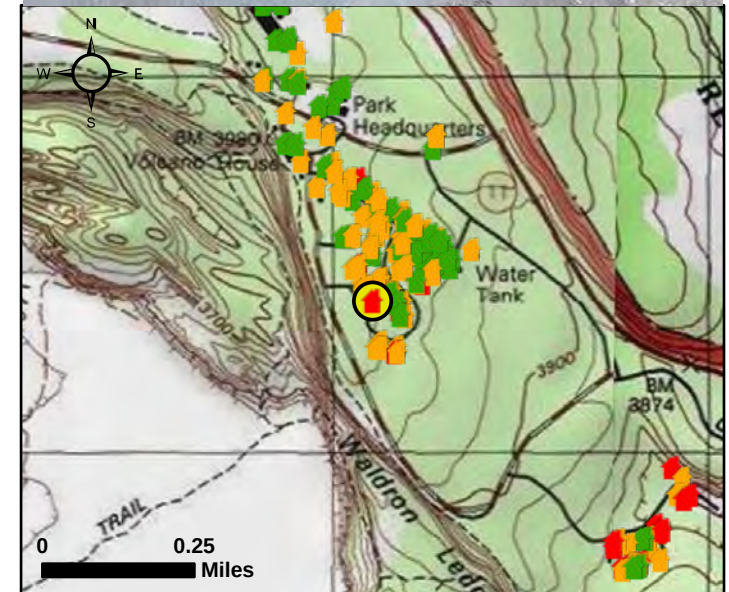
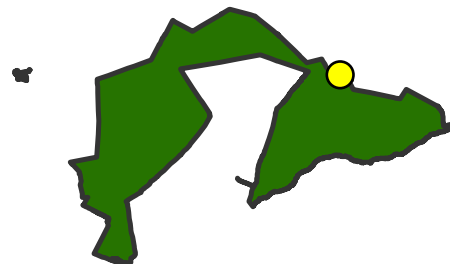
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: Adjacent to facility and no fuels clearance

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: Q199-Dorm

Unit - Location: HAVO - HAVO HQ

FMSS ID: 22310, **Local ID:**

Structure Type, Use: Building, Residence

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, May 4, 2021

Coordinates (DDM): 19° 25.48721466' N 155° 15.36345090' W

Rating: Moderate

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: Yes

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 77

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Greater than 300 ft with turnaround

Access and Turnarounds: Greater than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: 30 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Wood or open sided

Foundation: Open or deck

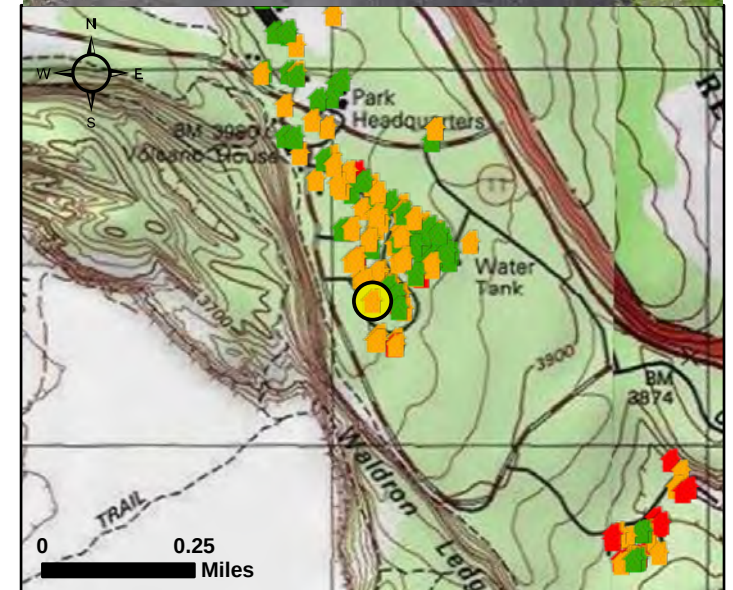
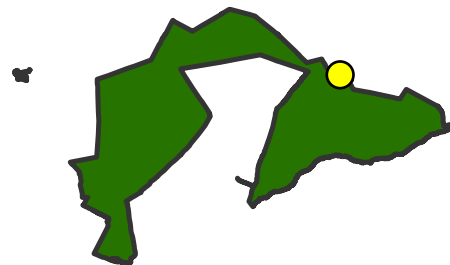
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: Adjacent to facility and no fuels clearance

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: G196-Garage for Q195,Q197

Unit - Location: HAVO - HAVO HQ

FMSS ID: 22308, **Local ID:**

Structure Type, Use: Building, Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, April 14, 2021

Coordinates (DDM): 19° 25.48611858' N 155° 15.32478966' W

Rating: High

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: No

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 172

Primary Access: Road

Ingress Egress: 1 road in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: None or not clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: No defensible space

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Wood or open sided

Foundation: Closed, 6in to 30in masonry exposed

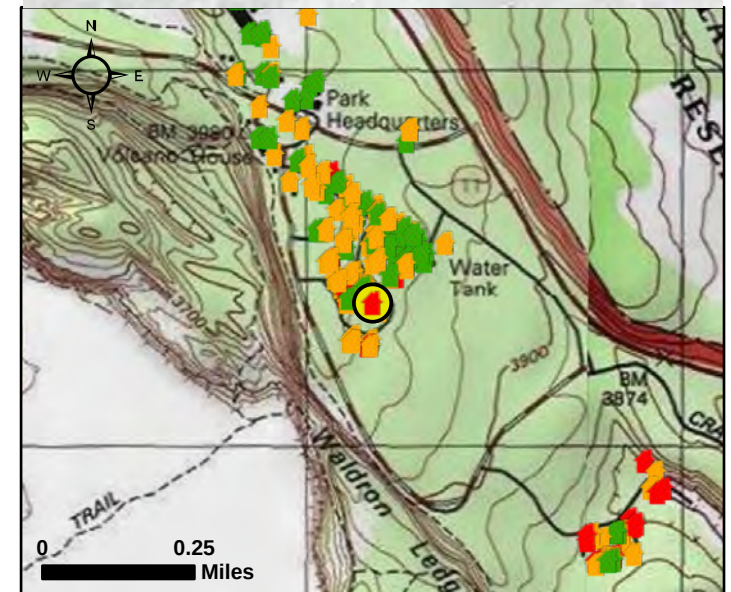
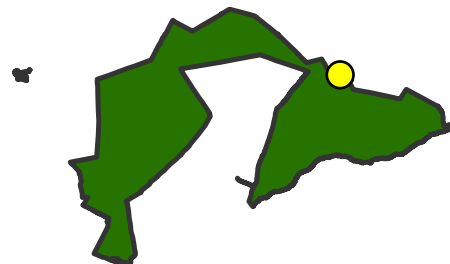
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: Adjacent to facility and no fuels clearance

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: Q197-RM Dorm

Unit - Location: HAVO - HAVO HQ

FMSS ID: 22309, **Local ID:**

Structure Type, Use: Building, Residence

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, April 14, 2021

Coordinates (DDM): 19° 25.47673422' N 155° 15.31517298' W

Rating: Moderate

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: Yes

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 104

Primary Access: Road

Ingress Egress: 1 road in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: 30 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Wood or open sided

Foundation: Open or deck

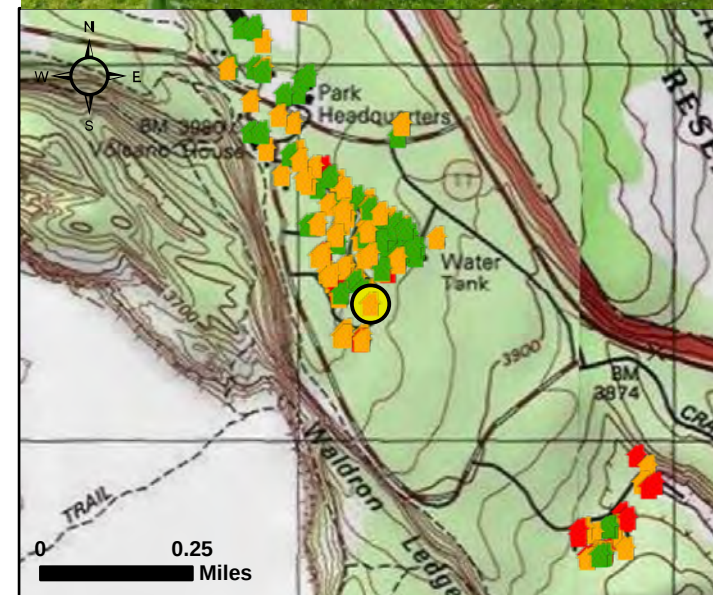
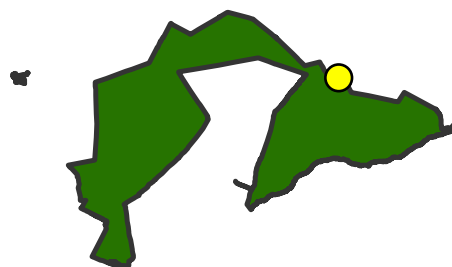
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: Adjacent to facility and no fuels clearance

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: Q169-House

Unit - Location: HAVO - HAVO HQ

FMSS ID: 22285, **Local ID:**

Structure Type, Use: Building, Residence

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, April 14, 2021

Coordinates (DDM): 19° 25.43866662' N 155° 15.35299482' W

Rating: Moderate

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: Yes

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 85

Primary Access: Road

Ingress Egress: 1 road in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: 30 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Wood or open sided

Foundation: Closed, 6in to 30in masonry exposed

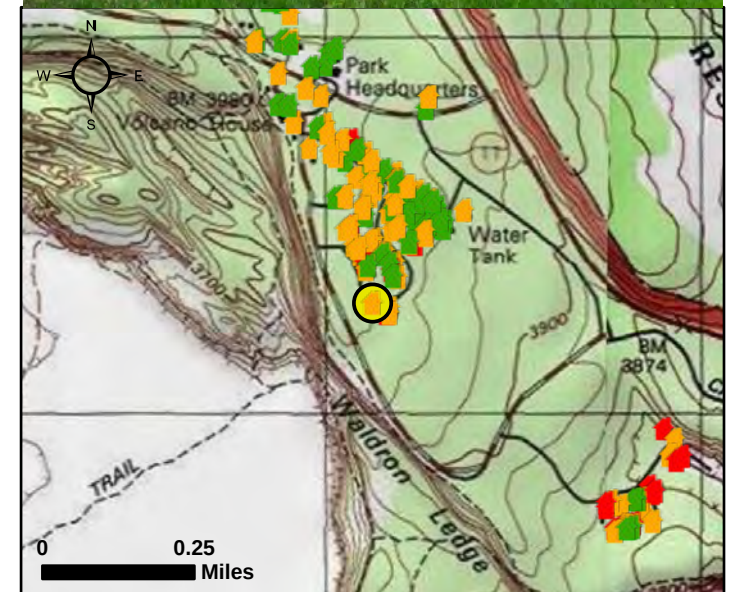
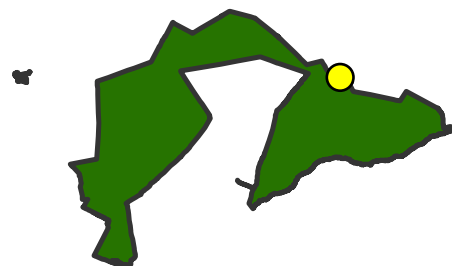
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: Adjacent to facility and no fuels clearance

Overhead Hazards: No overhead hazards

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: Q183-USGS House

Unit - Location: HAVO - HAVO HQ

FMSS ID: 22297, **Local ID:**

Structure Type, Use: Building, Residence

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, April 14, 2021

Coordinates (DDM): 19° 25.43279868' N 155° 15.32665410' W

Rating: Moderate

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: Yes

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 95

Primary Access: Road

Ingress Egress: 1 road in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: 30 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Wood or open sided

Foundation: Closed, 6in to 30in masonry exposed

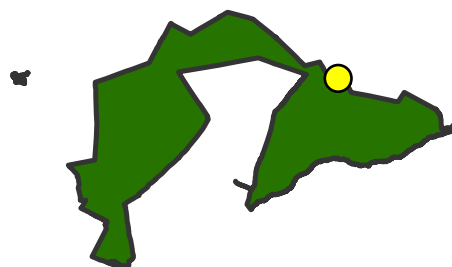
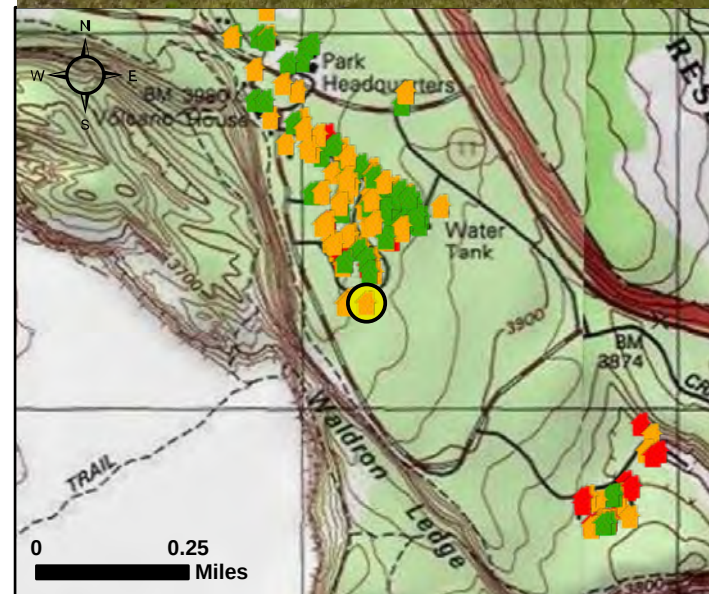
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: Adjacent to facility and no fuels clearance

Overhead Hazards: No overhead hazards

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: G170- Garage for Q169

Unit - Location: HAVO - HAVO HQ

FMSS ID: 22291, **Local ID:**

Structure Type, Use: Building, Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, April 14, 2021

Coordinates (DDM): 19° 25.43086980' N 155° 15.35894712' W

Rating: Moderate

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: No

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 169

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: None or not clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: No defensible space

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Wood or open sided

Foundation: Closed, Less than 6in masonry exposed

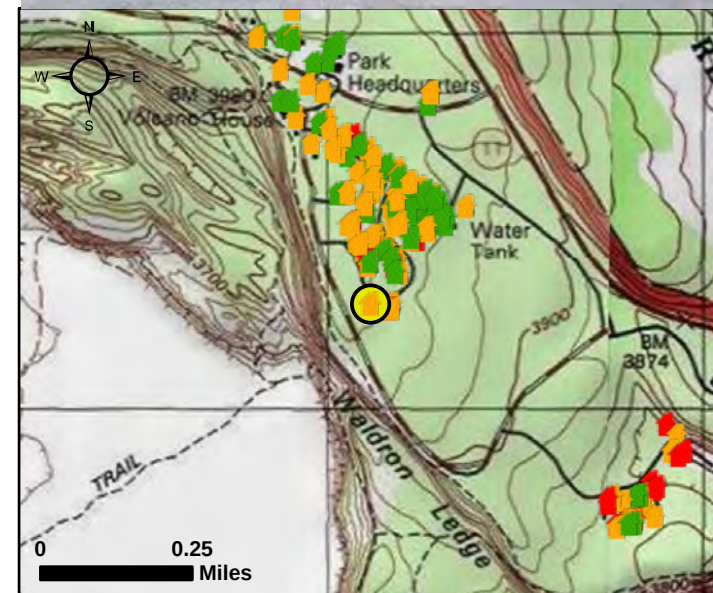
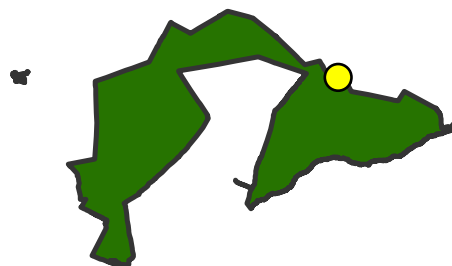
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: Adjacent to facility and no fuels clearance

Overhead Hazards: No overhead hazards

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: G184-Garage for Q183

Unit - Location: HAVO - HAVO HQ

FMSS ID: 22299, **Local ID:**

Structure Type, Use: Building, Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, April 14, 2021

Coordinates (DDM): 19° 25.42504464' N 155° 15.33063726' W

Rating: High

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: Yes

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 93

Primary Access: Road

Ingress Egress: 1 road in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: None or not clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: No defensible space

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Wood or open sided

Foundation: Closed, Less than 6in masonry exposed

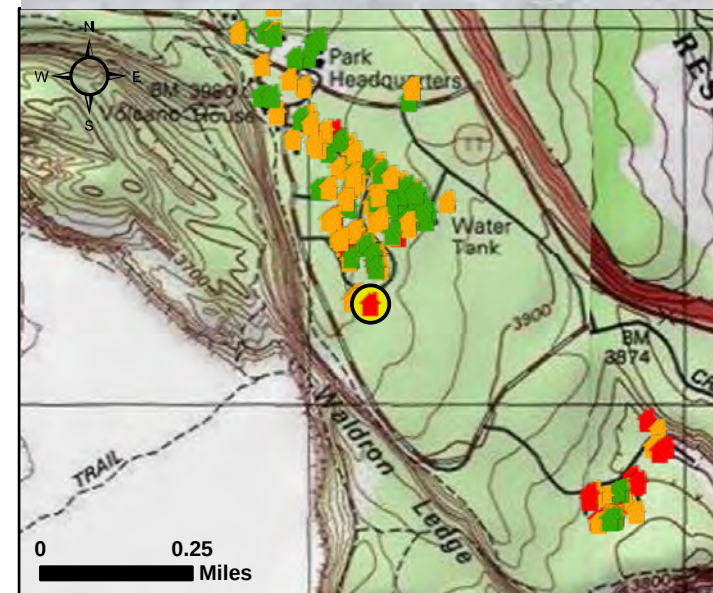
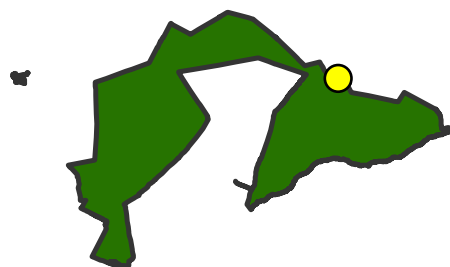
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: Present and little to no fuels clearance

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: Rainshed, New (B241) (SAR Cache)

Unit - Location: HAVO - HAVO HQ

FMSS ID: 21502, **Local ID:**

Structure Type, Use: Building, Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, May 20, 2022

Coordinates (DDM): 19° 25.98223878' N 155° 15.58337622' W

Rating: Low

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: No

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 27

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Moderate

Defensible Space: 100 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Wood or open sided

Foundation: Closed, Less than 6in masonry exposed

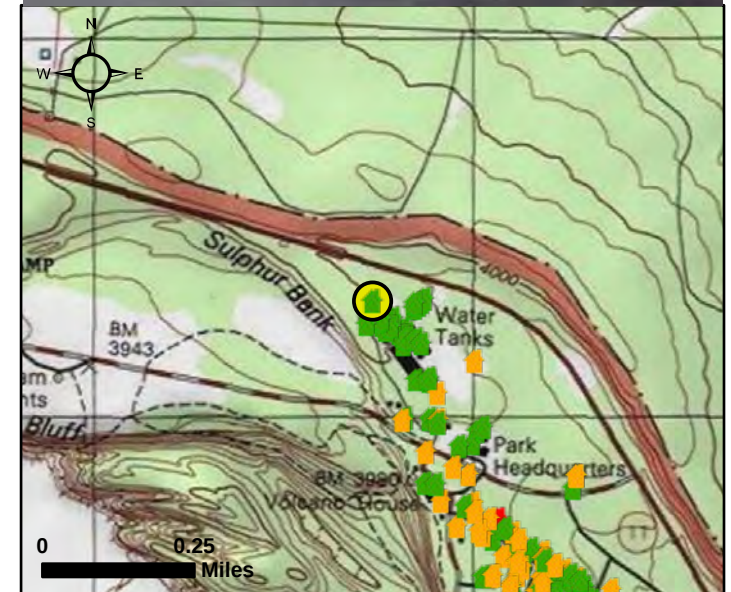
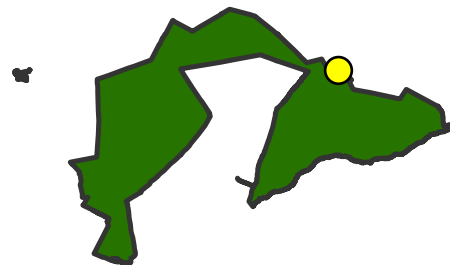
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: None

Overhead Hazards: No overhead hazards

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: B49-Garage for Q18

Unit - Location: HAVO - HAVO HQ

FMSS ID: 57090, **Local ID:**

Structure Type, Use: Building, Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, May 20, 2022

Coordinates (DDM): 19° 25.60214952' N 155° 15.35376066' W

Rating: Moderate

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: No

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 84

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: No defensible space

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Wood or open sided

Foundation: Open or deck

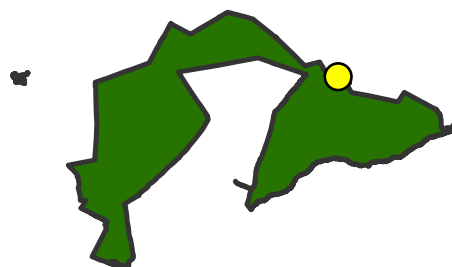
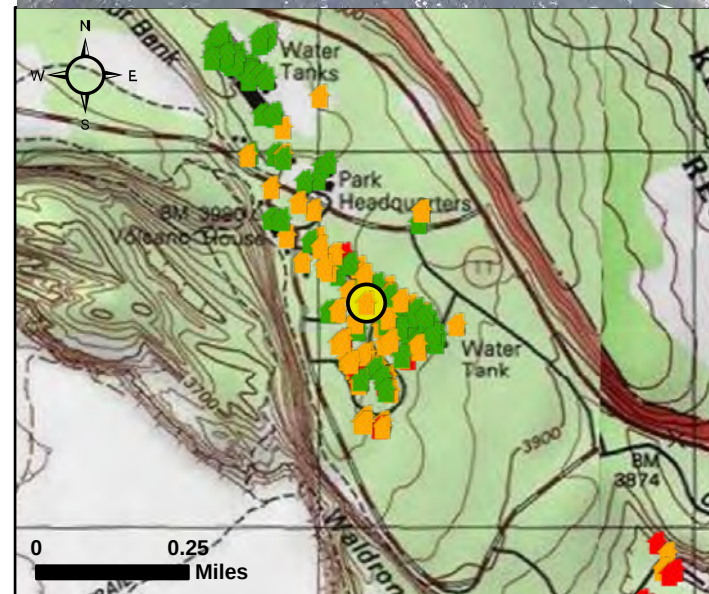
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: None

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: Rainshed USGS Warehouse

Unit - Location: HAVO - HAVO HQ

FMSS ID: 21518, **Local ID:**

Structure Type, Use: Building, Unknown

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, May 20, 2022

Coordinates (DDM): 19° 25.86880110' N 155° 15.49598160' W

Rating: Low

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: Yes

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 48

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Moderate

Defensible Space: Less than 30 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Rock, concrete, metal

Foundation: Closed, Less than 6in masonry exposed

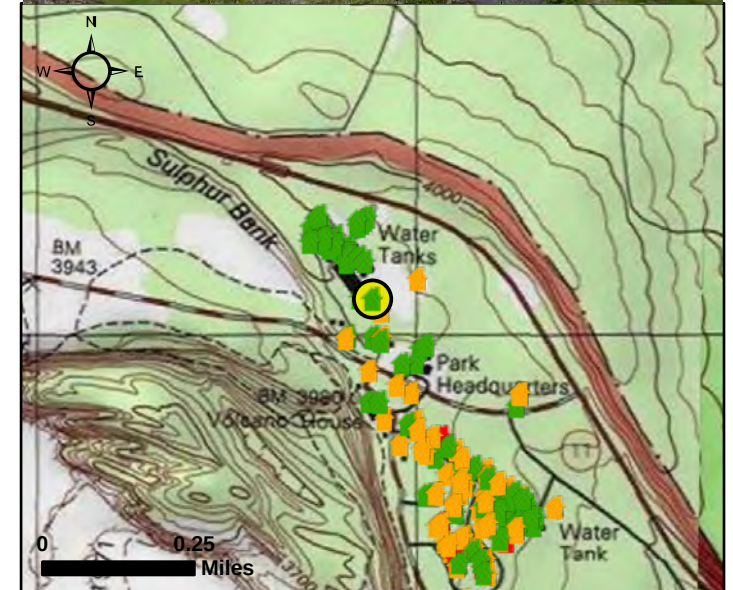
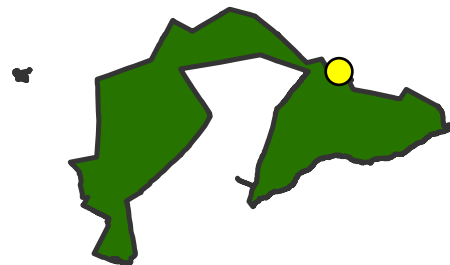
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: None

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: B45-Headquarters Parking Garage

Unit - Location: HAVO - HAVO HQ

FMSS ID: 22568, **Local ID:**

Structure Type, Use: Building, Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, May 20, 2022

Coordinates (DDM): 19° 25.79780178' N 155° 15.42341910' W

Rating: Low

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: Yes

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 60

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Moderate

Defensible Space: Greater than 100ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Wood or open sided

Foundation: Closed, 6in to 30in masonry exposed

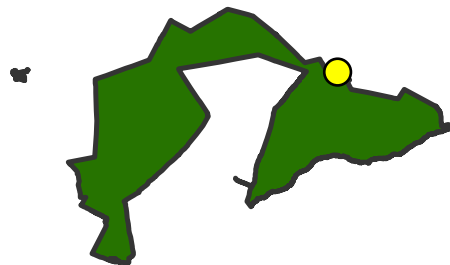
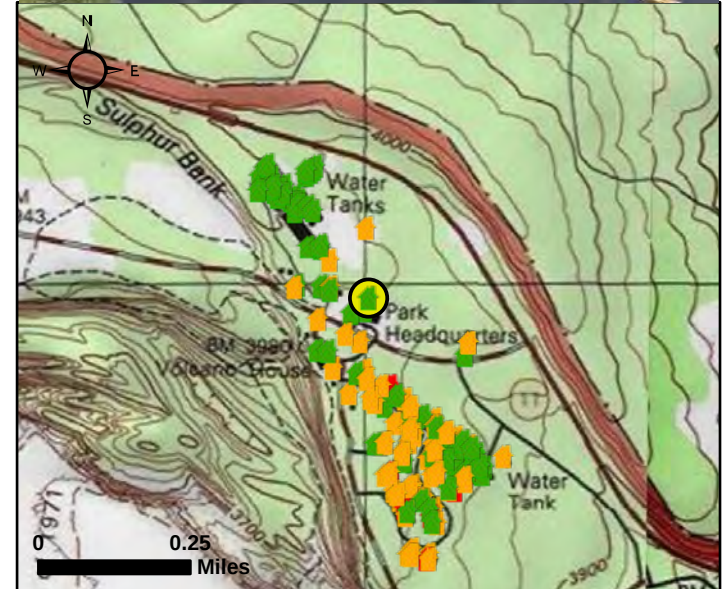
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: None

Overhead Hazards: No overhead hazards

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: B51 Roads and Trails Office/Garage

Unit - Location: HAVO - HAVO HQ

FMSS ID: 22854, **Local ID:**

Structure Type, Use: Building, Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, November 17, 2021

Coordinates (DDM): 19° 25.60000710' N 155° 15.28817136' W

Rating: Moderate

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: Yes

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 178

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: Less than 30 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Wood or open sided

Foundation: Closed, 6in to 30in masonry exposed

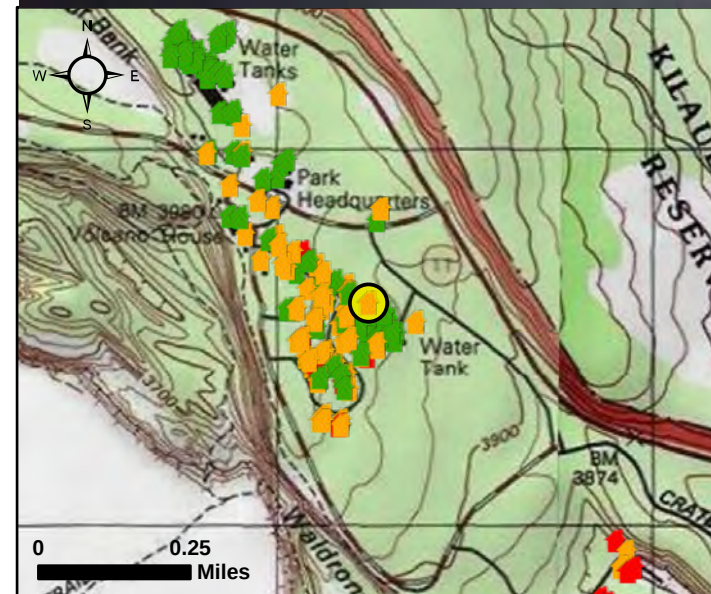
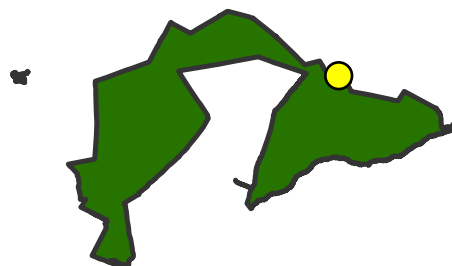
Firewood: Greater than 30 ft from facility

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: None

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: B178 Maintenance B/U office

Unit - Location: HAVO - HAVO HQ

FMSS ID: 22853, **Local ID:**

Structure Type, Use: Building, Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, November 17, 2021

Coordinates (DDM): 19° 25.58822970' N 155° 15.26816880' W

Rating: Moderate

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: Yes

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 180

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: Less than 30 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Wood or open sided

Foundation: Closed, Less than 6in masonry exposed

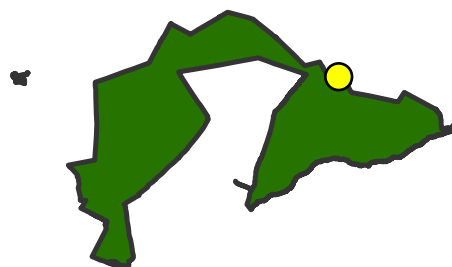
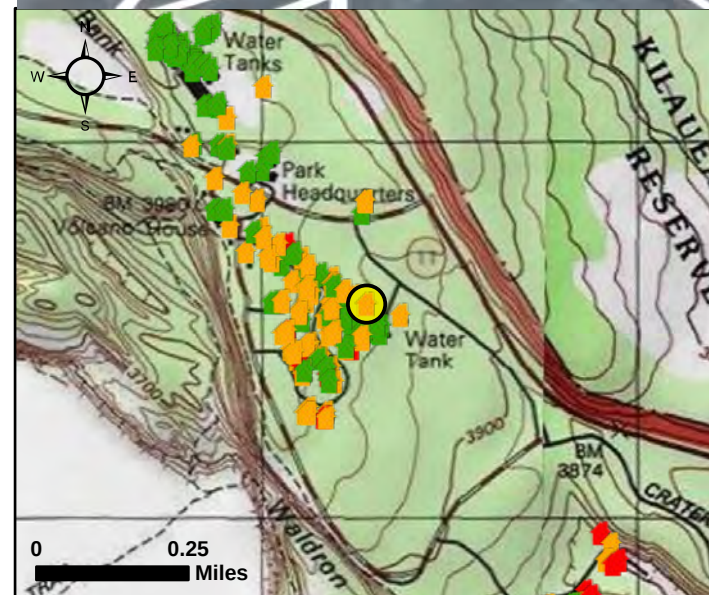
Firewood: Greater than 30 ft from facility

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: Present and fuels clearance

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: B160 Hazmat Secondary Storage

Unit - Location: HAVO - HAVO HQ

FMSS ID: 22850, **Local ID:**

Structure Type, Use: Building, Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, May 20, 2022

Coordinates (DDM): 19° 25.58762394' N 155° 15.29787432' W

Rating: Low

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: No

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 109

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Moderate

Defensible Space: 30 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Rock, concrete, metal

Foundation: Closed, Greater than 30in masonry exposed or N/A

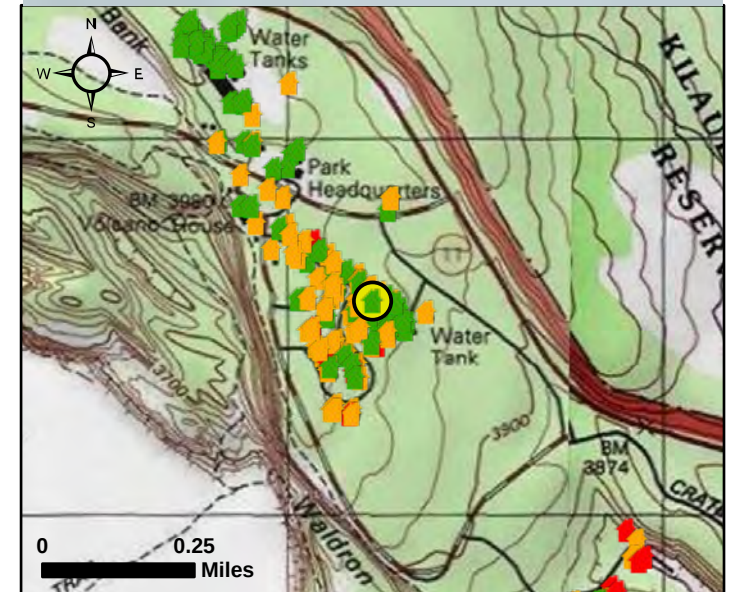
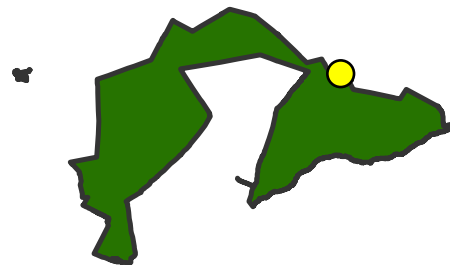
Firewood: Greater than 30 ft from facility

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: None

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: B345 Fire House

Unit - Location: HAVO - HAVO HQ

FMSS ID: 22852, **Local ID:**

Structure Type, Use: Building, Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, March 26, 2021

Coordinates (DDM): 19° 25.57714212' N 155° 15.25634070' W

Rating: Low

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: Yes

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 126

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: 100 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Wood or open sided

Foundation: Closed, Less than 6in masonry exposed

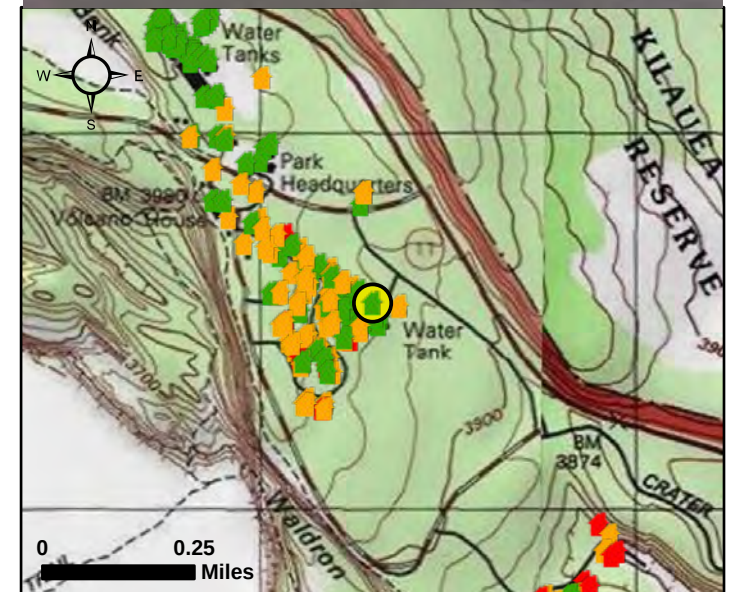
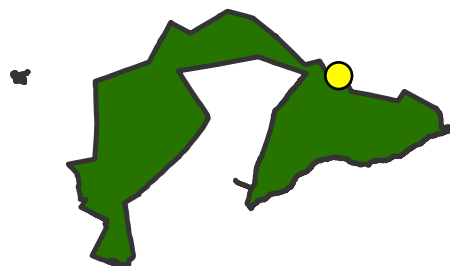
Firewood: Greater than 30 ft from facility

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: None

Overhead Hazards: Overhead hazards will limit aircraft

Comments: Created by RISD





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: Auxiliary Storage Building?

Unit - Location: HAVO - HAVO HQ

FMSS ID: unknown, **Local ID:**

Structure Type, Use: Building, Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, May 20, 2022

Coordinates (DDM): 19° 25.57333044' N 155° 15.21661698' W

Rating: Moderate

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: No

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 129

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: None or not clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: No defensible space

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Rock, concrete, metal

Foundation: Closed, Greater than 30in masonry exposed or N/A

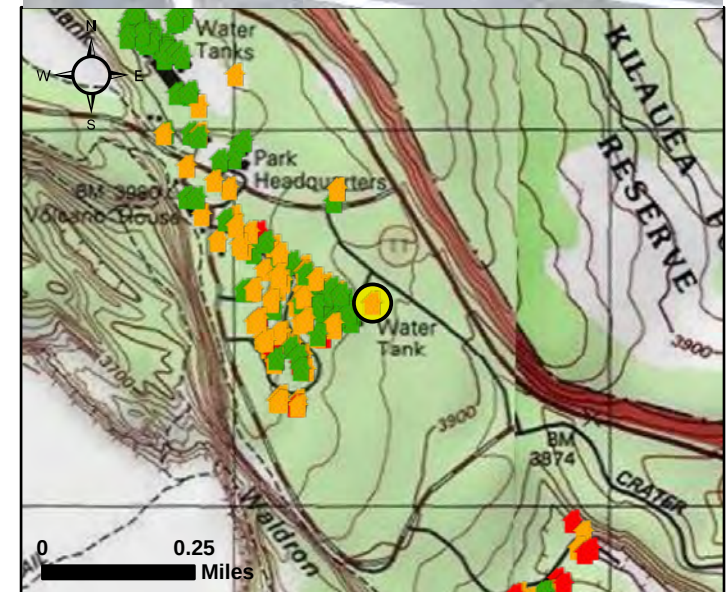
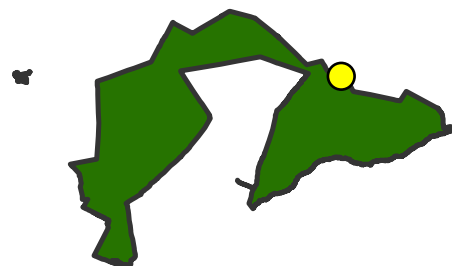
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: None

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: B37 Maintenance Shops

Unit - Location: HAVO - HAVO HQ

FMSS ID: 22841, **Local ID:**

Structure Type, Use: Building, Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, November 17, 2021

Coordinates (DDM): 19° 25.55910030' N 155° 15.27948522' W

Rating: Low

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: Yes

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 117

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: 100 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Wood or open sided

Foundation: Closed, Less than 6in masonry exposed

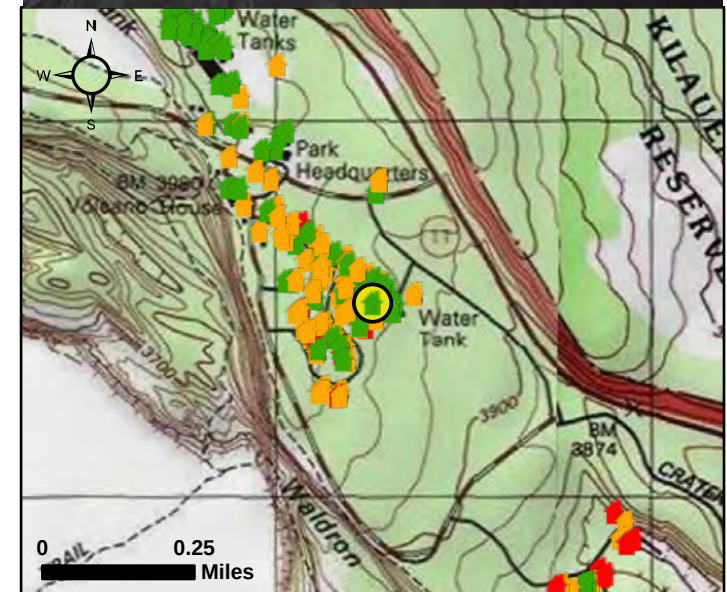
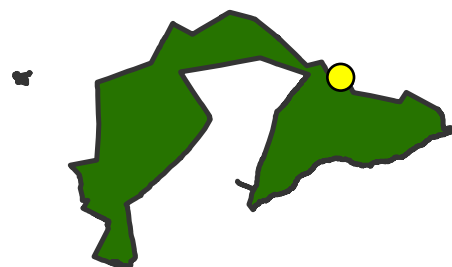
Firewood: Greater than 30 ft from facility

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: None

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: VEOC Ranger Office

Unit - Location: HAVO - HAVO HQ

FMSS ID: Unknown, **Local ID:**

Structure Type, Use: Building, Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, November 17, 2021

Coordinates (DDM): 19° 25.55754948' N 155° 15.24516630' W

Rating: Low

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: Yes

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 128

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: None or not clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: 30 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Wood or open sided

Foundation: Closed, Greater than 30in masonry exposed or N/A

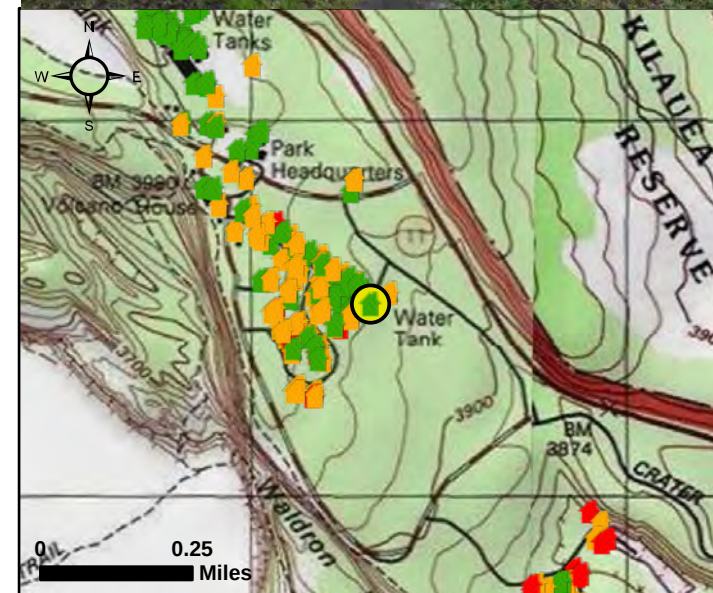
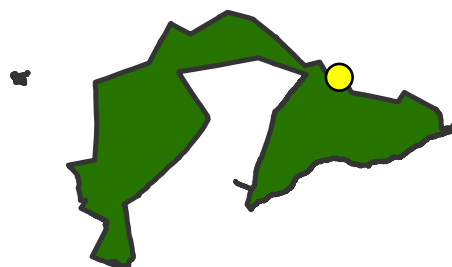
Firewood: Greater than 30 ft from facility

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: Present and fuels clearance

Overhead Hazards: Overhead hazards will limit aircraft

Comments: Connected to B310. M. Wasser for HAVO Fire.





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: B223 Auto Shop

Unit - Location: HAVO - HAVO HQ

FMSS ID: 22835, **Local ID:**

Structure Type, Use: Building, Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, November 17, 2021

Coordinates (DDM): 19° 25.55004354' N 155° 15.26583966' W

Rating: Low

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: No

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 124

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: 30 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Rock, concrete, metal

Foundation: Closed, Less than 6in masonry exposed

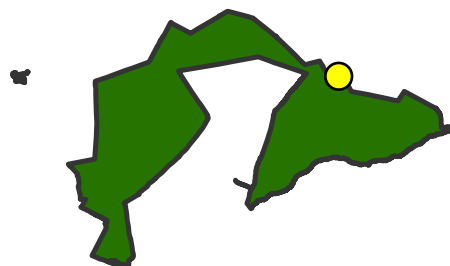
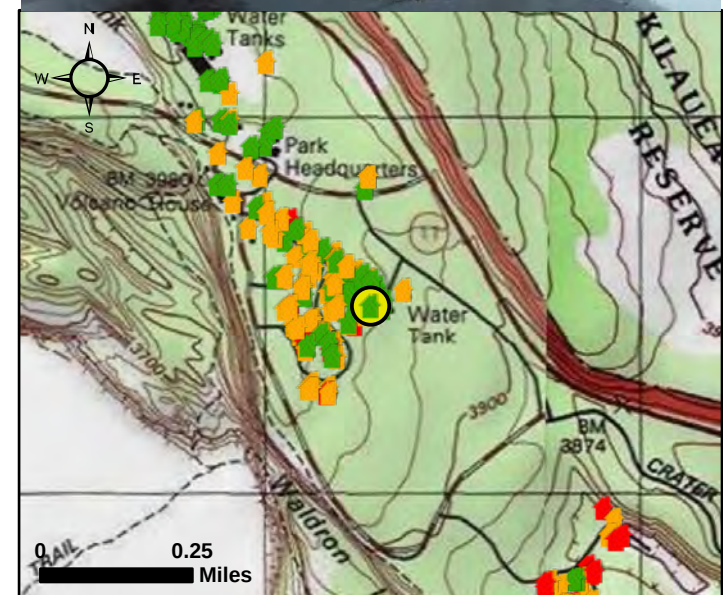
Firewood: Greater than 30 ft from facility

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: None

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: Diesel Generator for VEOC

Unit - Location: HAVO - HAVO HQ

FMSS ID: Unknown, **Local ID:**

Structure Type, Use: Utility Site (Water, Gas, Elec), Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, November 17, 2021

Coordinates (DDM): 19° 25.54729290' N 155° 15.24817086' W

Rating: Low

Protection Level: Not Designated,

Resources of Concern: Unknown

Occupied: No

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 127

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, grade Less than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: 30 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Not applicable

Foundation: Closed, Less than 6in masonry exposed

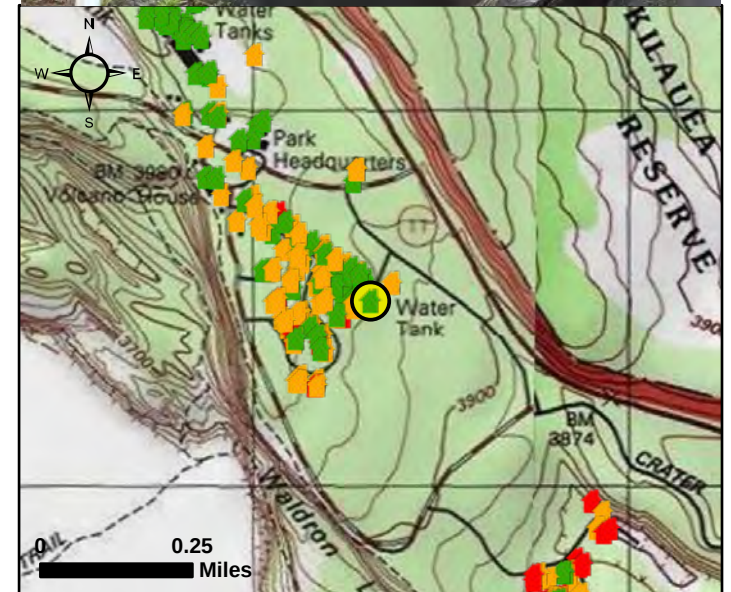
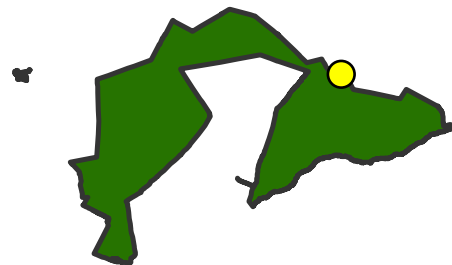
Firewood: Greater than 30 ft from facility

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: Present and fuels clearance

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: Maintenance Shed

Unit - Location: HAVO - HAVO HQ

FMSS ID: , **Local ID:**

Structure Type, Use: Building, Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, November 17, 2021

Coordinates (DDM): 19° 25.53761952' N 155° 15.27409536' W

Rating: Moderate

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: Yes

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 121

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: None or not clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: No defensible space

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Rock, concrete, metal

Foundation: Closed, Less than 6in masonry exposed

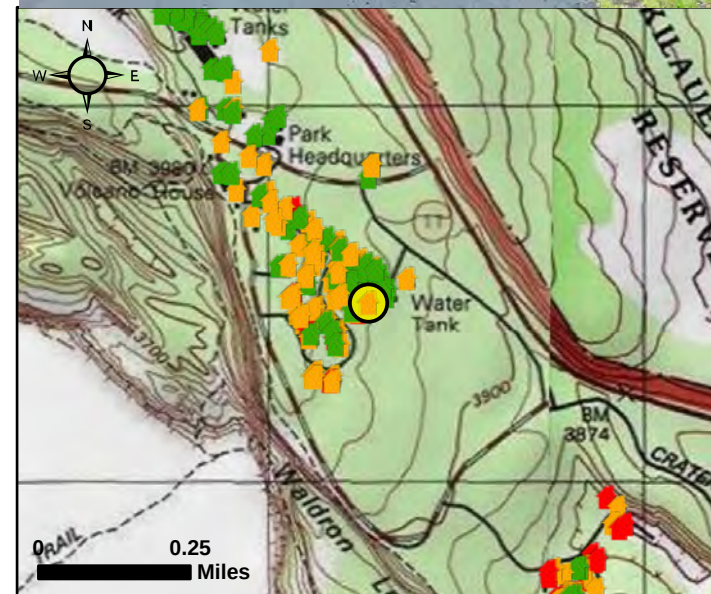
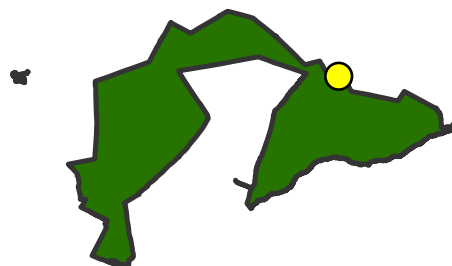
Firewood: Greater than 30 ft from facility

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: None

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: B193 Fire Storage Shed

Unit - Location: HAVO - HAVO HQ

FMSS ID: unknown, **Local ID:**

Structure Type, Use: Building, Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, May 20, 2022

Coordinates (DDM): 19° 25.57418556' N 155° 15.29442216' W

Rating: Low

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: No

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 112

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Moderate

Defensible Space: 100 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Wood or open sided

Foundation: Open or deck

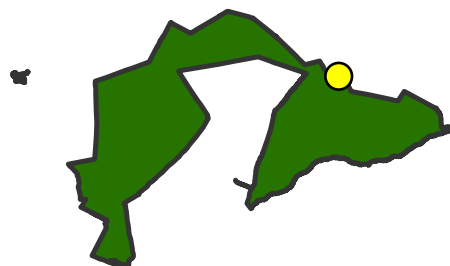
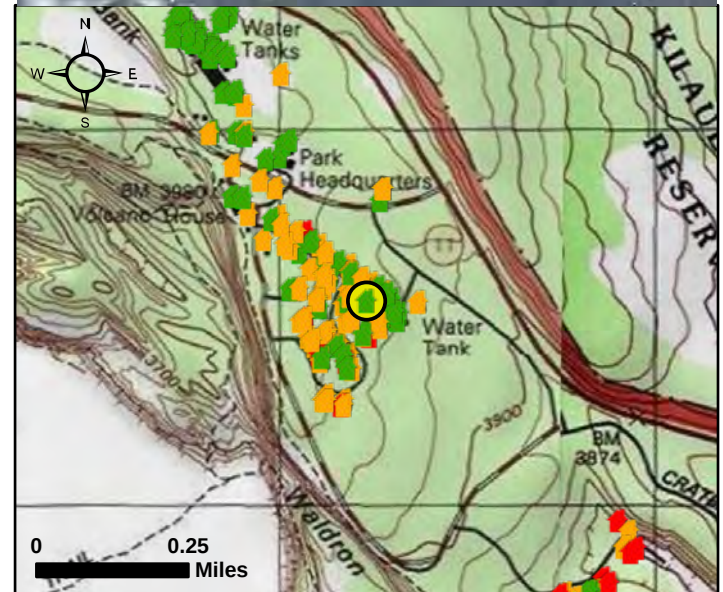
Firewood: Greater than 30 ft from facility

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: None

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: Dilapidated Fire Storage Shed

Unit - Location: HAVO - HAVO HQ

FMSS ID: Unknown, **Local ID:**

Structure Type, Use: Building, Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, December 1, 2021

Coordinates (DDM): 19° 25.57233780' N 155° 15.29554044' W

Rating: Low

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: No

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 111

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: None or not clearly visible

Fuel Type: Shrub or timber

Fuel Load: Moderate

Defensible Space: 100 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Rock, concrete, metal

Foundation: Open or deck

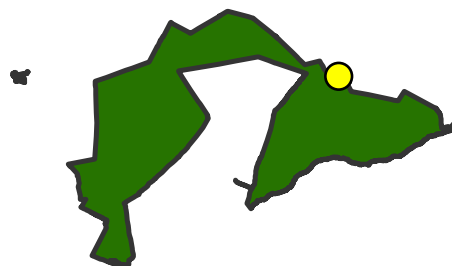
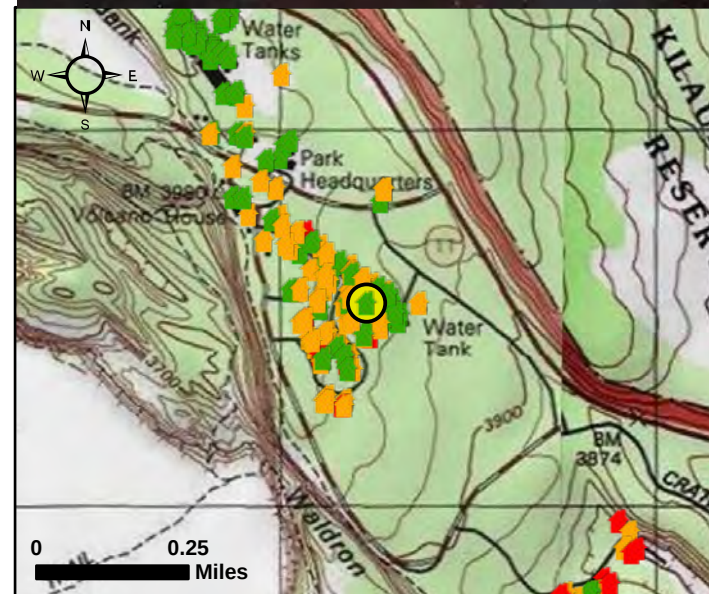
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: None

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: Painter (Shipping Container)

Unit - Location: HAVO - HAVO HQ

FMSS ID: unknown, **Local ID:**

Structure Type, Use: Building, Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, May 20, 2022

Coordinates (DDM): 19° 25.56684264' N 155° 15.30703104' W

Rating: Moderate

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: No

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 105

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: None or not clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: No defensible space

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Rock, concrete, metal

Foundation: Closed, Less than 6in masonry exposed

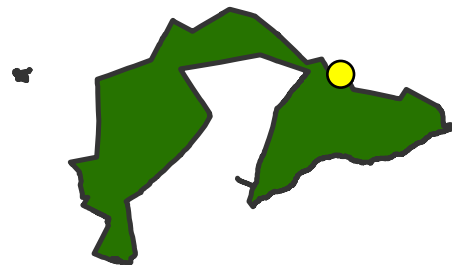
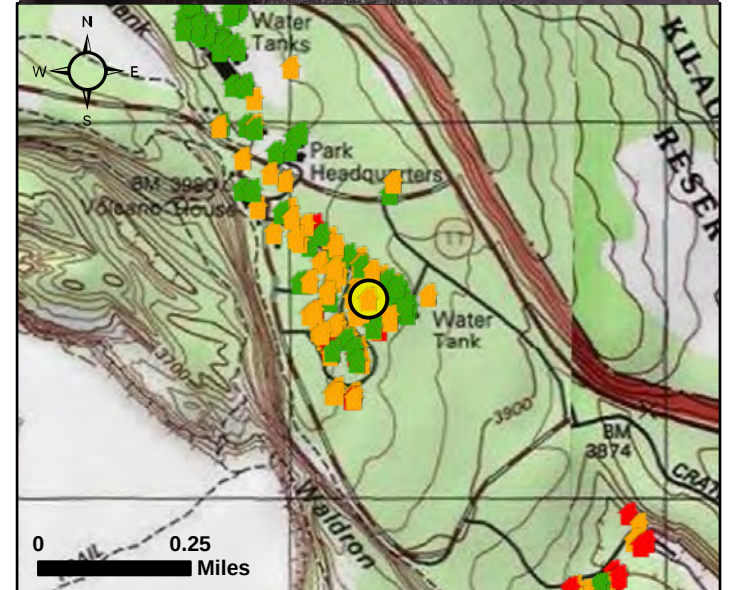
Firewood: Greater than 30 ft from facility

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: None

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: Propane tank

Unit - Location: HAVO - HAVO HQ

FMSS ID: Unknown, **Local ID:**

Structure Type, Use: Propane Tank, Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, November 17, 2021

Coordinates (DDM): 19° 25.54672092' N 155° 15.28707582' W

Rating: Low

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: No

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 116

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: 30 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Rock, concrete, metal

Foundation: Closed, Greater than 30in masonry exposed or N/A

Firewood: Greater than 30 ft from facility

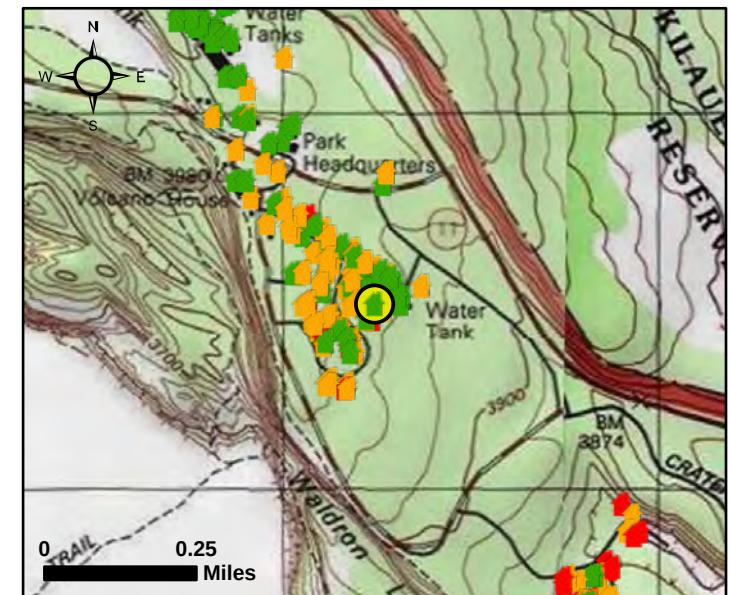
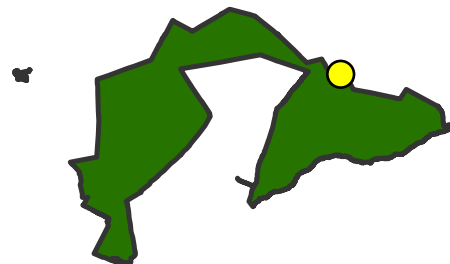
Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: Present and fuels clearance

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire

NO PHOTO AVAILABLE





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: B343-BRD Single Story

Unit - Location: HAVO - HAVO HQ

FMSS ID: 33360, **Local ID:**

Structure Type, Use: Building, Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, May 6, 2021

Coordinates (DDM): 19° 25.17148872' N 155° 14.92726236' W

Rating: High

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: Yes

In Community: Yes, Maintenance/Admin Buildings

Revisit Interval: yrs

Map Label: 184

Primary Access: Road

Ingress Egress: 1 road in/out

Access Width: 1.5 lanes (Greater than 18')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: No defensible space

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Wood or open sided

Foundation: Open or deck

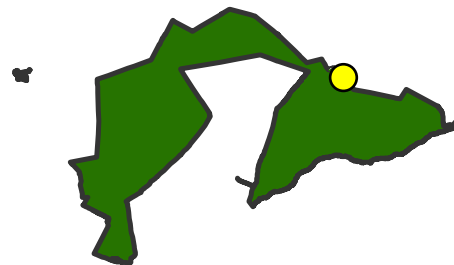
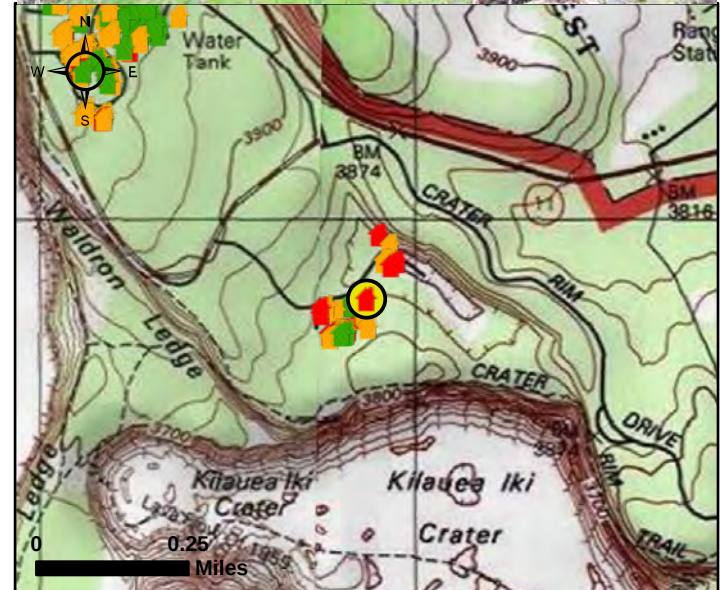
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: Present and little to no fuels clearance

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





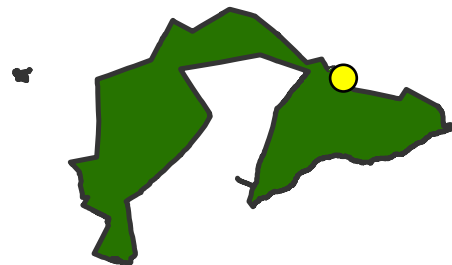
NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: B339 - Maintenance Greenhouse (Glasshouse?)
Unit - Location: HAVO - HAVO HQ
FMSS ID: 33362, **Local ID:**
Structure Type, Use: Building, Administrative
Owner: National Park Service
Field Crew, Visit Date: HAVO Fire, June 23, 2021
Coordinates (DDM): 19° 25.12130472' N 155° 14.96073096' W

Rating: Low
ProtectionLevel: Not Designated,
Resources of Concern: Unknown
Occupied: Yes
In Community: Yes, Maintenance/Admin Buildings
Revisit Interval: yrs
Map Label: 139

Primary Access: Road
Ingress Egress: 1 road in/out
Access Width: 1.5 lanes (Greater than 18')
Access Condition: Surfaced-paved, gradeLess than 5%
Bridge Condition: Less than 300 ft with turnaround
Access and Turnarounds: Less than 300 ft with turnaround
Facility Number or Sign: None or not clearly visible
Fuel Type: Shrub or timber
Fuel Load: Heavy
Defensible Space: 100 ft treated
Topography: Slope Less than 5%
Roof Material: Noncombustible or not applicable
Siding Material: Rock, concrete, metal
Foundation: Closed, 6in to 30in masonry exposed
Firewood: None
Water Supply: Pressurized hydrant(s) or fixed sprinkler system
Propane: None
Overhead Hazards: Overhead hazards will limit aircraft
Comments: M. Wasser for HAVO Fire. Double check FMSS ID.





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: B322-RM Admin Office

Unit - Location: HAVO - HAVO HQ

FMSS ID: 22350, **Local ID:**

Structure Type, Use: Administrative, Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, March 23, 2021

Coordinates (DDM): 19° 25.14394422' N 155° 14.93849772' W

Rating: Moderate

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: Yes

In Community: Yes, Maintenance/Admin Buildings

Revisit Interval: yrs

Map Label: 145

Primary Access: Road

Ingress Egress: 1 road in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: Less than 30 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Wood or open sided

Foundation: Open or deck

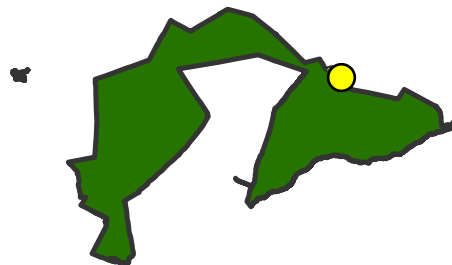
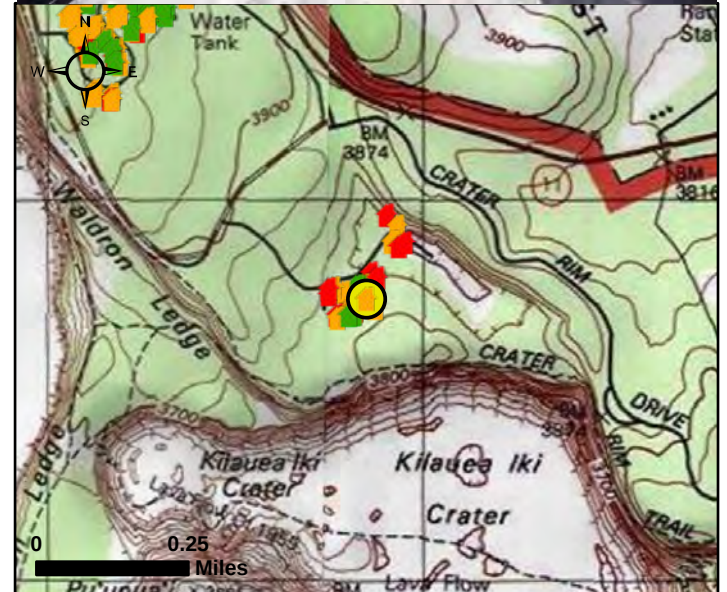
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: None

Overhead Hazards: Overhead hazards will limit aircraft

Comments: Created by RISD





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: B321 RM Bird/Turtle Office

Unit - Location: HAVO - HAVO HQ

FMSS ID: 22349, **Local ID:**

Structure Type, Use: Administrative, Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, March 23, 2021

Coordinates (DDM): 19° 25.16448648' N 155° 14.94326094' W

Rating: Moderate

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: Yes

In Community: Yes, Maintenance/Admin Buildings

Revisit Interval: yrs

Map Label: 144

Primary Access: Road

Ingress Egress: 1 road in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Moderate

Defensible Space: Less than 30 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Wood or open sided

Foundation: Open or deck

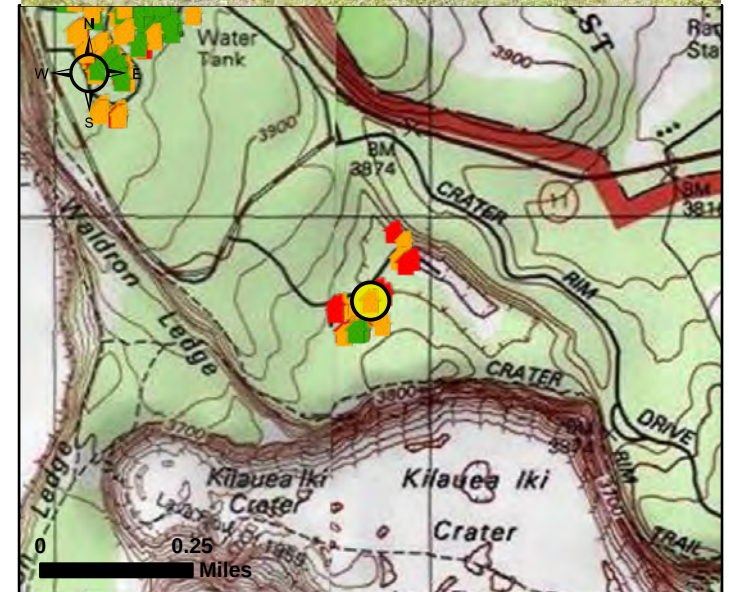
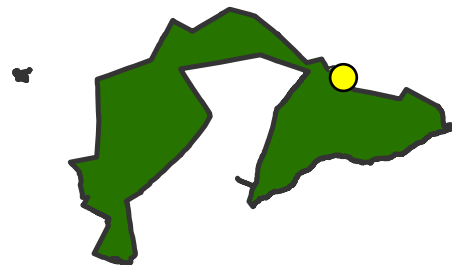
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: None

Overhead Hazards: Overhead hazards will limit aircraft

Comments: Created by RISD





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: NPS RM Vegetation Office

Unit - Location: HAVO - HAVO HQ

FMSS ID: 22348, **Local ID:**

Structure Type, Use: Building, Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, March 23, 2021

Coordinates (DDM): 19° 25.16196252' N 155° 14.94850626' W

Rating: Low

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: Yes

In Community: Yes, Maintenance/Admin Buildings

Revisit Interval: yrs

Map Label: 183

Primary Access: Road

Ingress Egress: 1 road in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: None or not clearly visible

Fuel Type: No wildland fuel

Fuel Load: Light or no wildland fuels

Defensible Space: 30 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Wood or open sided

Foundation: Open or deck

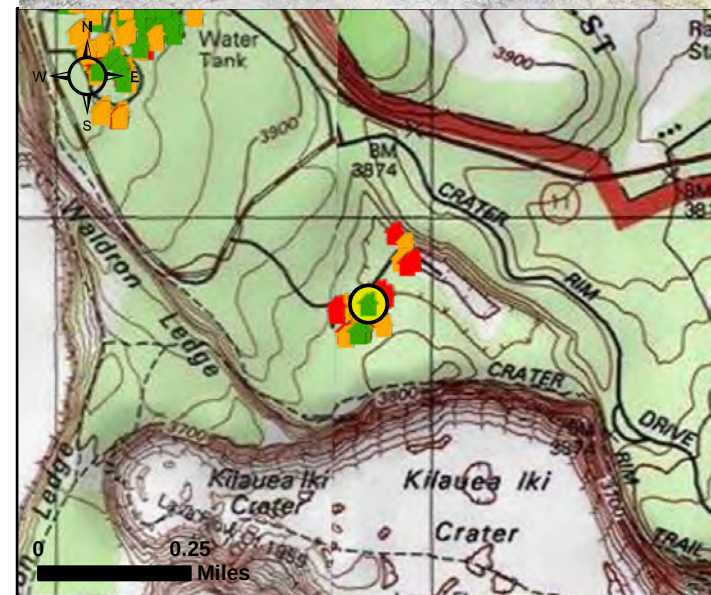
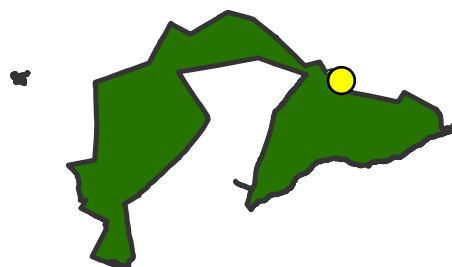
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: None

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: B217-Resource Management Shop

Unit - Location: HAVO - HAVO HQ

FMSS ID: 22352, **Local ID:**

Structure Type, Use: Administrative, Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, March 23, 2021

Coordinates (DDM): 19° 25.16228040' N 155° 14.95399146' W

Rating: Low

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: Yes

In Community: Yes, Maintenance/Admin Buildings

Revisit Interval: yrs

Map Label: 143

Primary Access: Road

Ingress Egress: 1 road in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: None or not clearly visible

Fuel Type: No wildland fuel

Fuel Load: Light or no wildland fuels

Defensible Space: 100 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Wood or open sided

Foundation: Closed, Less than 6in masonry exposed

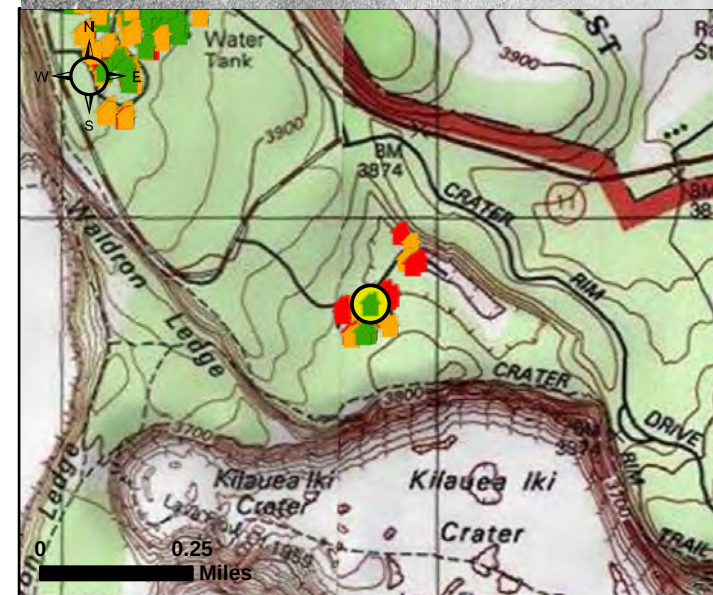
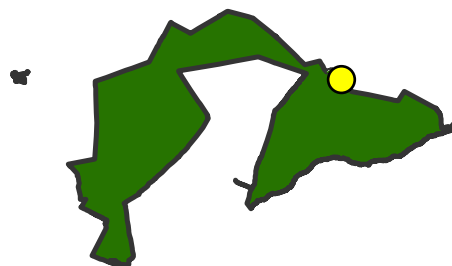
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: None

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: Bldg 44 Ohia Wing - Garage

Unit - Location: HAVO - HAVO HQ

FMSS ID: 22486, **Local ID:**

Structure Type, Use: Building, Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, May 20, 2022

Coordinates (DDM): 19° 25.73546604' N 155° 15.43518444' W

Rating: Moderate

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: No

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 56

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: No defensible space

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Wood or open sided

Foundation: Closed, Less than 6in masonry exposed

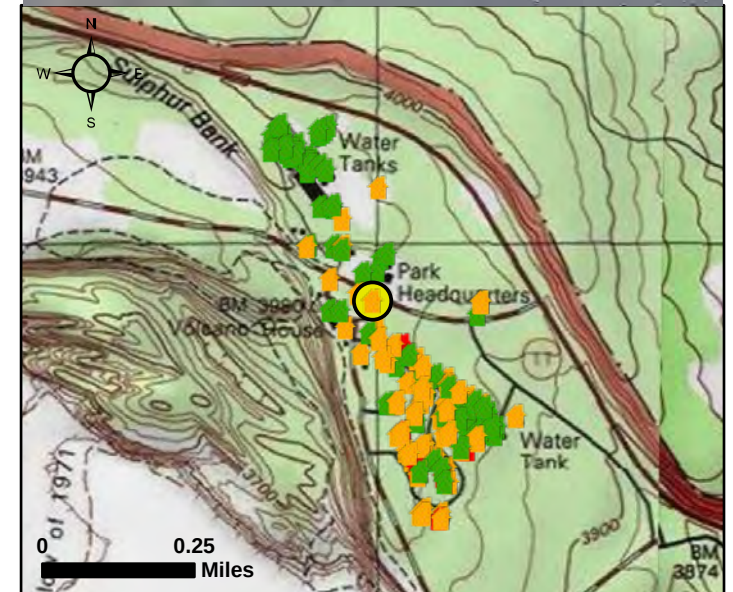
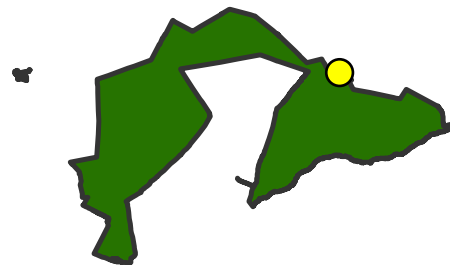
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: None

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: Concessioner Garage

Unit - Location: HAVO - HAVO HQ

FMSS ID: unknown, **Local ID:**

Structure Type, Use: Building, Concession (other than lodging)

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, May 20, 2022

Coordinates (DDM): 19° 25.69717092' N 155° 15.47576046' W

Rating: Moderate

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: No

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 53

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: None or not clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: No defensible space

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Wood or open sided

Foundation: Closed, Less than 6in masonry exposed

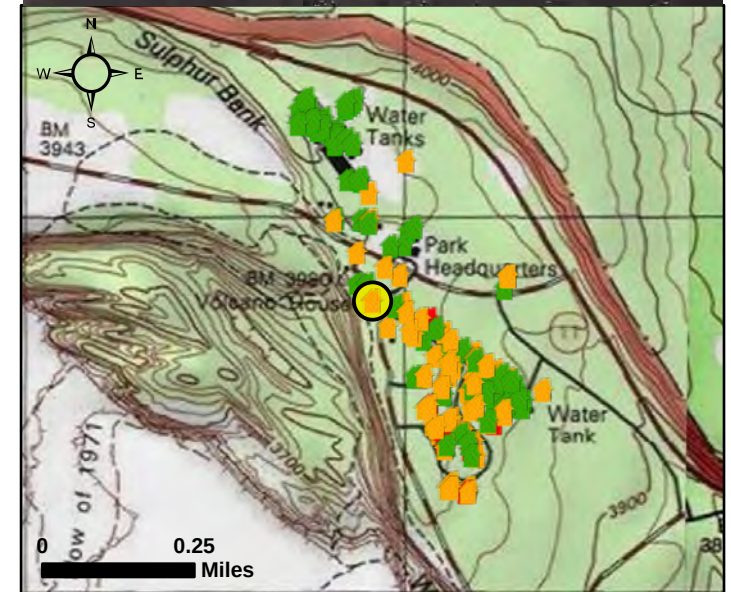
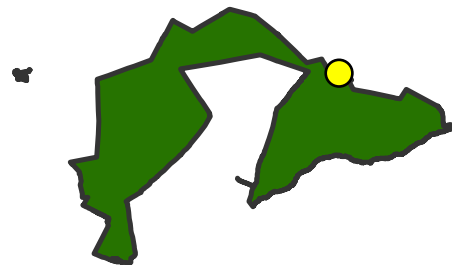
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: Present and fuels clearance

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: B56 Grounds Shed

Unit - Location: HAVO - HAVO HQ

FMSS ID: 22848, **Local ID:**

Structure Type, Use: Building, Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, May 11, 2021

Coordinates (DDM): 19° 25.57294992' N 155° 15.30294228' W

Rating: Low

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: Yes

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 176

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: None or not clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: 30 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Rock, concrete, metal

Foundation: Closed, Less than 6in masonry exposed

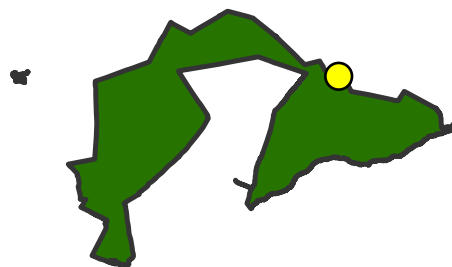
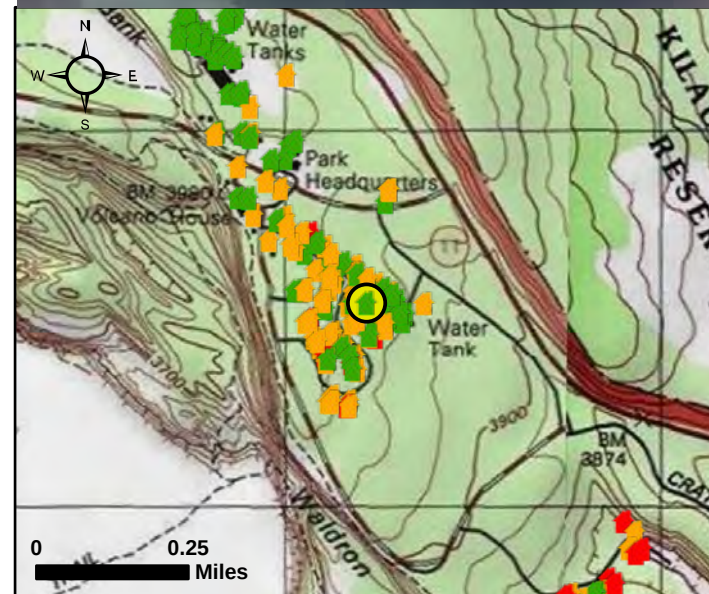
Firewood: Greater than 30 ft from facility

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: None

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: B41-Kilauea Visitor Center/ HQ

Unit - Location: HAVO - HAVO HQ

FMSS ID: 22566, **Local ID:**

Structure Type, Use: Building, Public

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, May 20, 2022

Coordinates (DDM): 19° 25.77974820' N 155° 15.42936996' W

Rating: Low

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: Yes

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 57

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Moderate

Defensible Space: Greater than 100ft treated

Topography: Slope Less than 5%

Roof Material: Fire resistant- tar,rubberized

Siding Material: Wood or open sided

Foundation: Closed, 6in to 30in masonry exposed

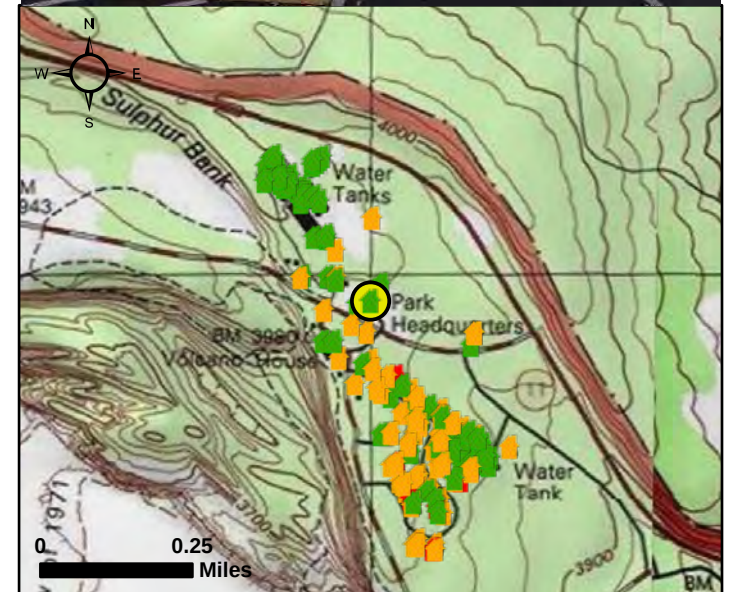
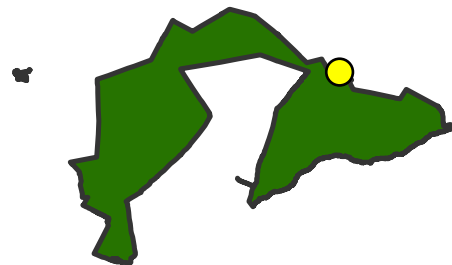
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: None

Overhead Hazards: No overhead hazards

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: B54 Fire Cache

Unit - Location: HAVO - HAVO HQ

FMSS ID: 22846, **Local ID:**

Structure Type, Use: Building, Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, May 20, 2022

Coordinates (DDM): 19° 25.57867632' N 155° 15.28783560' W

Rating: Low

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: Yes

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 115

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Moderate

Defensible Space: 100 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Wood or open sided

Foundation: Closed, Greater than 30in masonry exposed or N/A

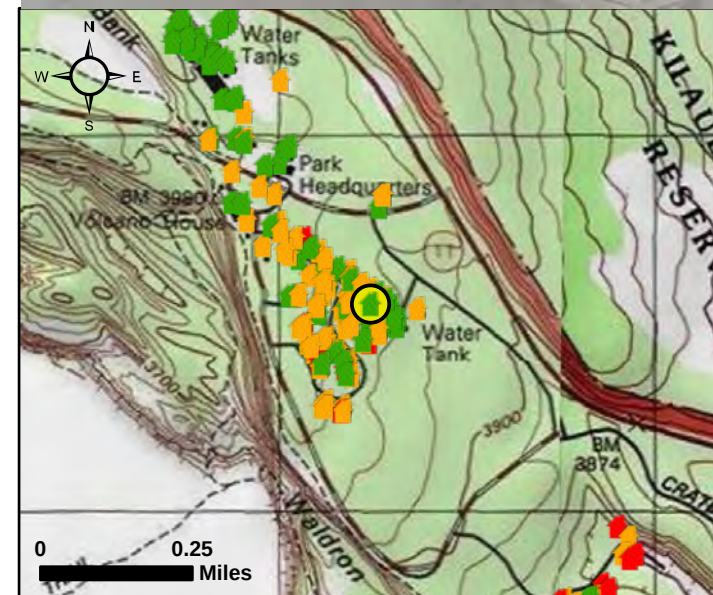
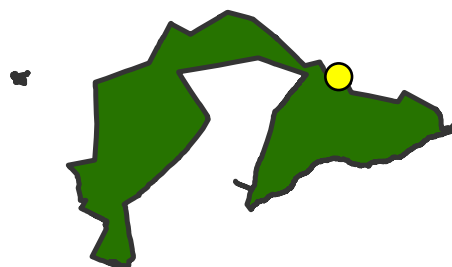
Firewood: Greater than 30 ft from facility

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: None

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: G47-Garage for Q16,Q22

Unit - Location: HAVO - HAVO HQ

FMSS ID: 22327, **Local ID:**

Structure Type, Use: Building, Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, April 7, 2021

Coordinates (DDM): 19° 25.67262534' N 155° 15.38930676' W

Rating: High

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: Yes

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 166

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: None or not clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: No defensible space

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Wood or open sided

Foundation: Closed, 6in to 30in masonry exposed

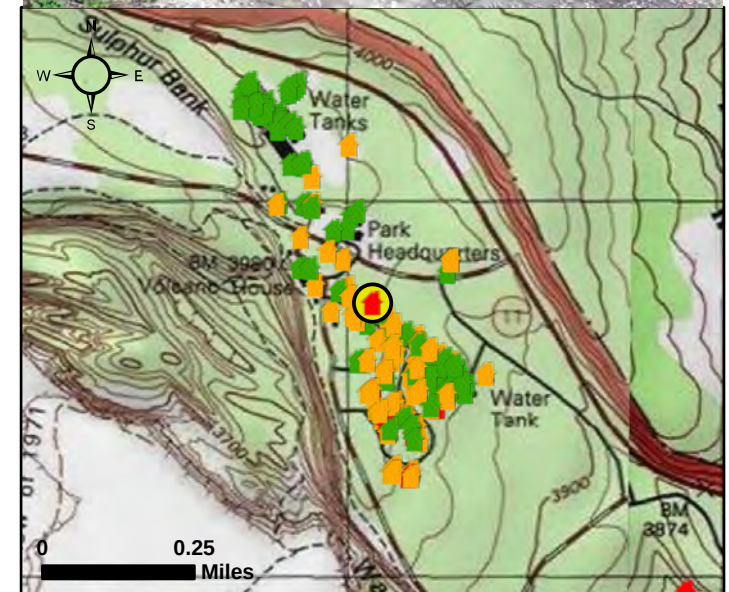
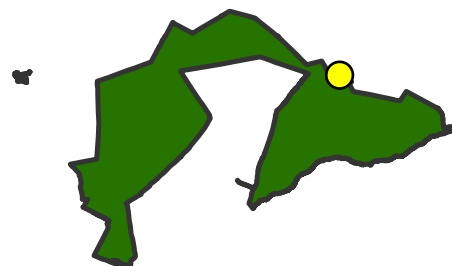
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: Present and little to no fuels clearance

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: B4 - HR Office

Unit - Location: HAVO - HAVO HQ

FMSS ID: 22325, **Local ID:**

Structure Type, Use: Administrative, Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, April 7, 2021

Coordinates (DDM): 19° 25.64353164' N 155° 15.39684084' W

Rating: Low

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: Yes

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 65

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: 100 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Wood or open sided

Foundation: Closed, 6in to 30in masonry exposed

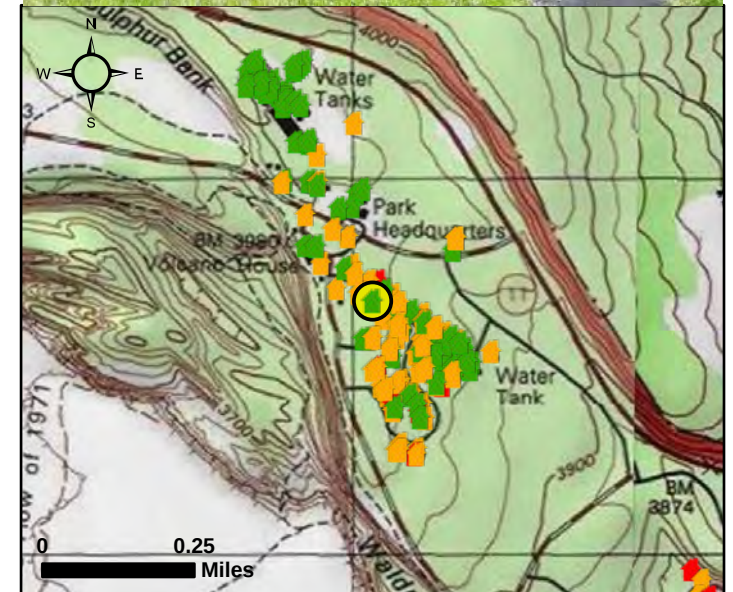
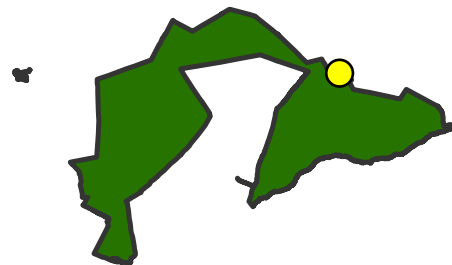
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: None

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: B19 Interp Office

Unit - Location: HAVO - HAVO HQ

FMSS ID: 22301, **Local ID:**

Structure Type, Use: Administrative, Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, April 7, 2021

Coordinates (DDM): 19° 25.62157662' N 155° 15.36655272' W

Rating: Low

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: Yes

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 190

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: 30 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Wood or open sided

Foundation: Closed, 6in to 30in masonry exposed

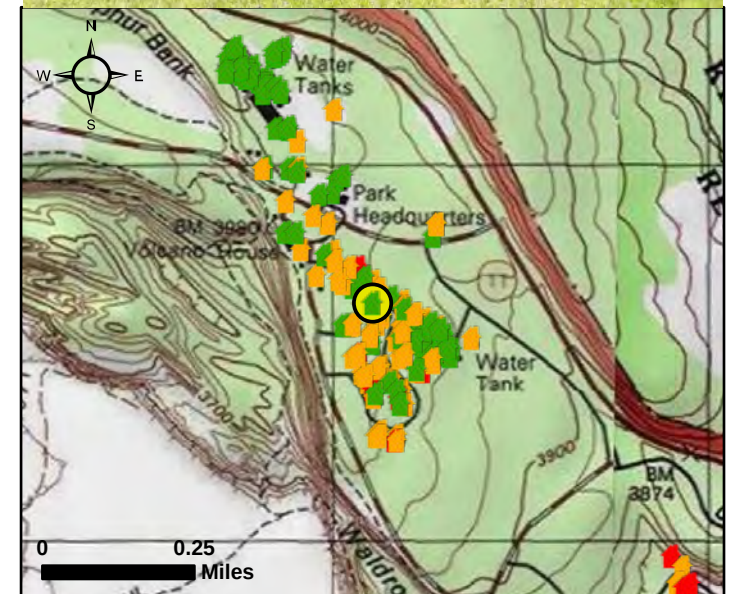
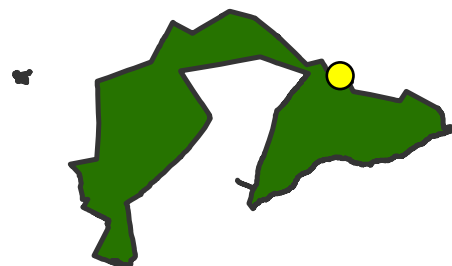
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: None

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: B18 Maintenance Office

Unit - Location: HAVO - HAVO HQ

FMSS ID: 22295, **Local ID:**

Structure Type, Use: Administrative, Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, April 14, 2021

Coordinates (DDM): 19° 25.61121144' N 155° 15.35024124' W

Rating: Low

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: Yes

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 88

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Moderate

Defensible Space: Less than 30 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Wood or open sided

Foundation: Closed, 6in to 30in masonry exposed

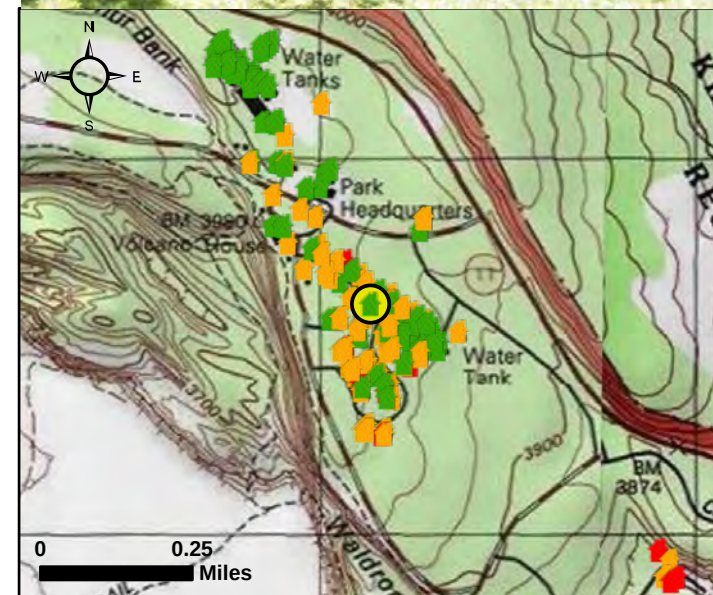
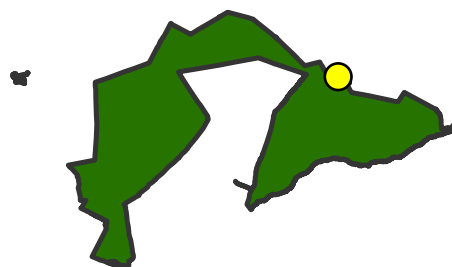
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: None

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: B20 BRD Office

Unit - Location: HAVO - HAVO HQ

FMSS ID: 22311, **Local ID:**

Structure Type, Use: Administrative, Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, April 14, 2021

Coordinates (DDM): 19° 25.59179952' N 155° 15.35919732' W

Rating: Moderate

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: Yes

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 79

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: None or not clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: Less than 30 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Wood or open sided

Foundation: Closed, 6in to 30in masonry exposed

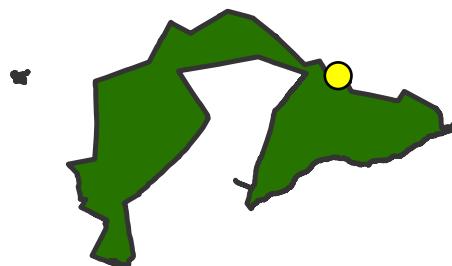
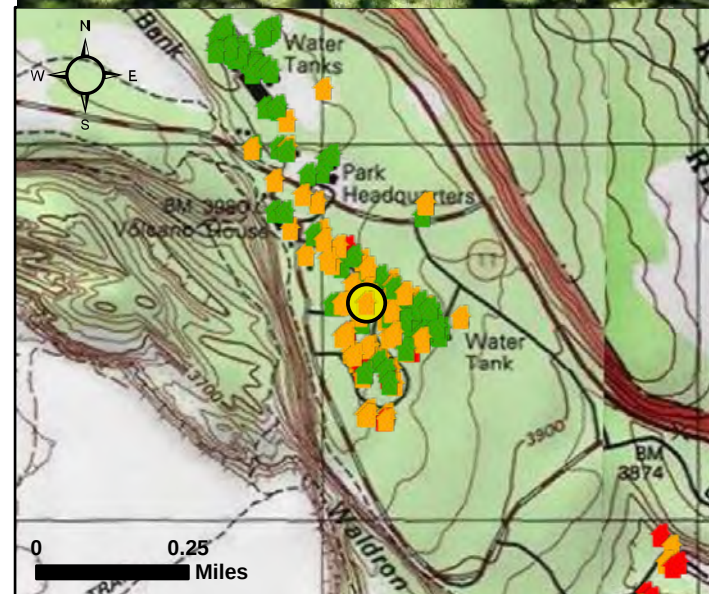
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: None

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: B23-House

Unit - Location: HAVO - HAVO HQ

FMSS ID: 22318, **Local ID:**

Structure Type, Use: Administrative, Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, April 14, 2021

Coordinates (DDM): 19° 25.58895570' N 155° 15.32326482' W

Rating: Moderate

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: Yes

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 97

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: Less than 30 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Wood or open sided

Foundation: Open or deck

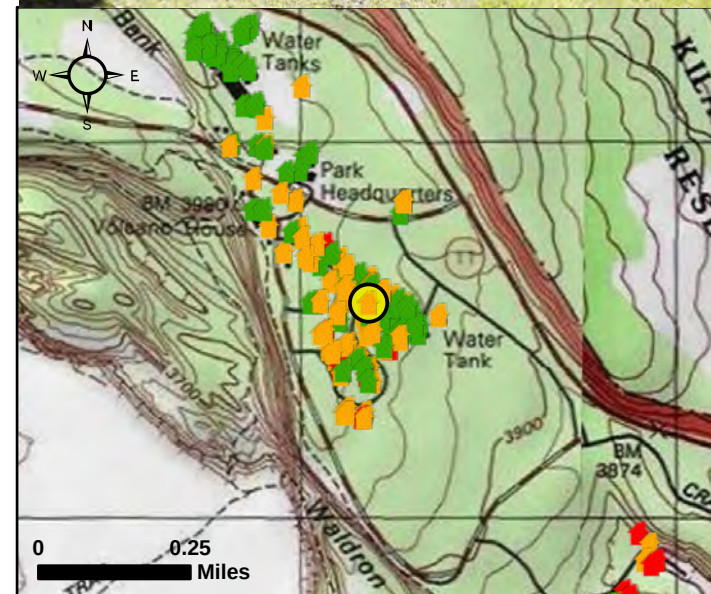
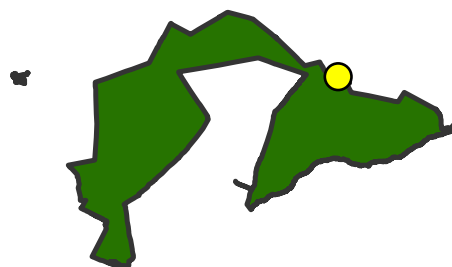
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: Adjacent to facility and no fuels clearance

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: Q24-USGS Dorm

Unit - Location: HAVO - HAVO HQ

FMSS ID: 22319, **Local ID:**

Structure Type, Use: Building, Residence

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, April 14, 2021

Coordinates (DDM): 19° 25.56891330' N 155° 15.33045714' W

Rating: Moderate

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: Yes

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 94

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: 30 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Wood or open sided

Foundation: Closed, Less than 6in masonry exposed

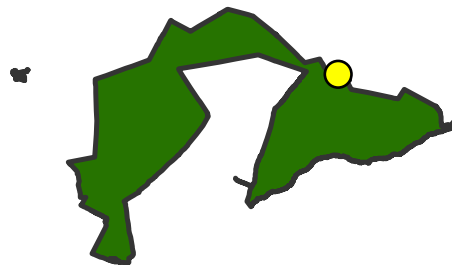
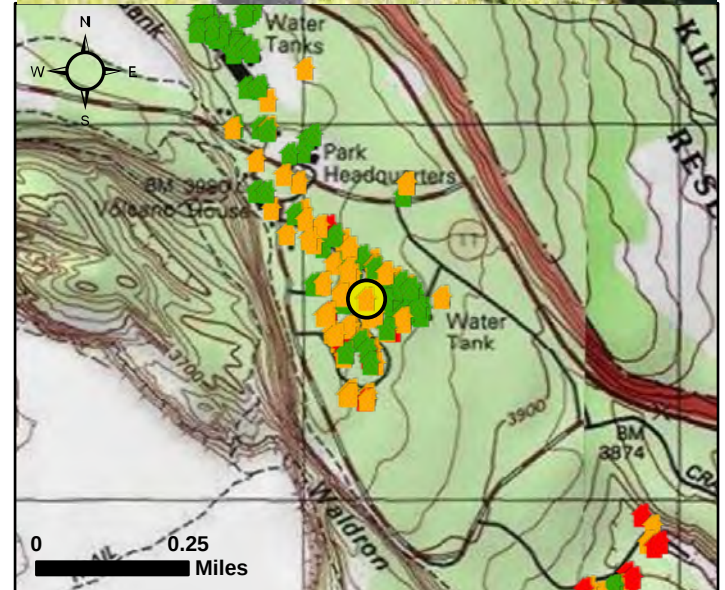
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: Present and little to no fuels clearance

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: B21 BRD office

Unit - Location: HAVO - HAVO HQ

FMSS ID: 22315, **Local ID:**

Structure Type, Use: Administrative, Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, April 14, 2021

Coordinates (DDM): 19° 25.56448602' N 155° 15.36569544' W

Rating: Low

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: Yes

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 75

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: 30 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Wood or open sided

Foundation: Closed, 6in to 30in masonry exposed

Firewood: None

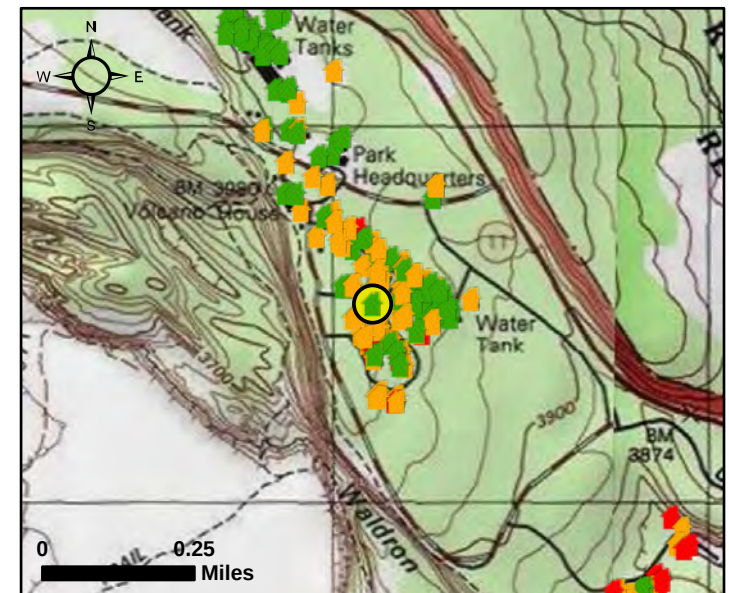
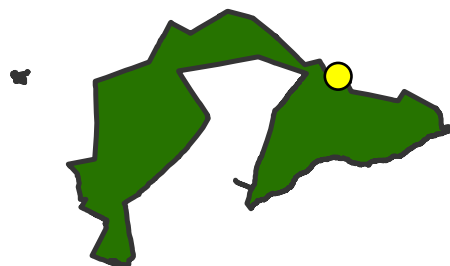
Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: Adjacent to facility and no fuels clearance

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire

NO PHOTO AVAILABLE





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: Q25-House

Unit - Location: HAVO - HAVO HQ

FMSS ID: 22321, **Local ID:**

Structure Type, Use: Building, Residence

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, April 14, 2021

Coordinates (DDM): 19° 25.54446228' N 155° 15.32487822' W

Rating: Moderate

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: Yes

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 96

Primary Access: Road

Ingress Egress: 1 road in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: 30 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Wood or open sided

Foundation: Open or deck

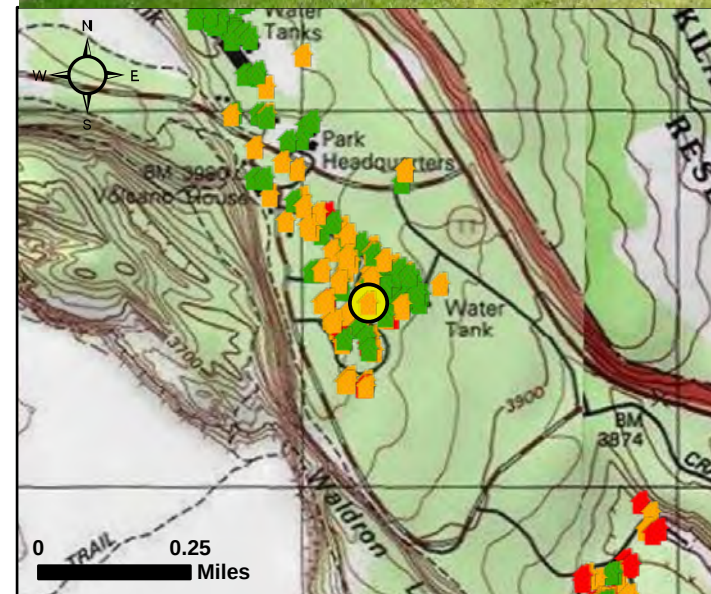
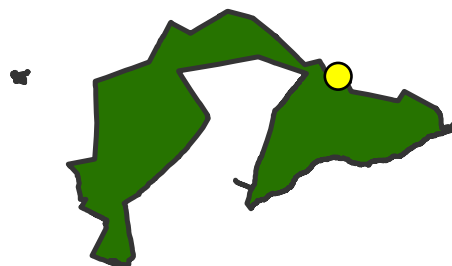
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: None

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: Q27 A and B

Unit - Location: HAVO - HAVO HQ

FMSS ID: 22322, **Local ID:**

Structure Type, Use: Building, Residence

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, May 4, 2021

Coordinates (DDM): 19° 25.54432314' N 155° 15.39489780' W

Rating: Moderate

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: Yes

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 66

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Greater than 300 ft with turnaround

Access and Turnarounds: Greater than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: Less than 30 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Wood or open sided

Foundation: Closed, 6in to 30in masonry exposed

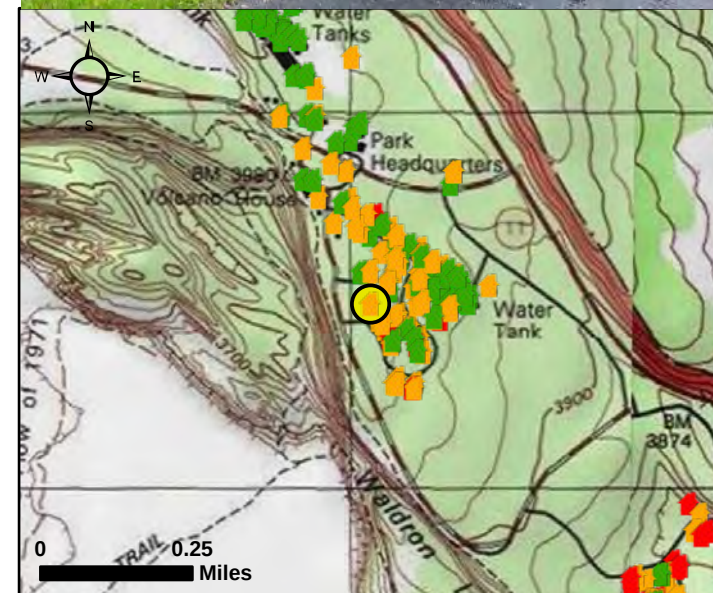
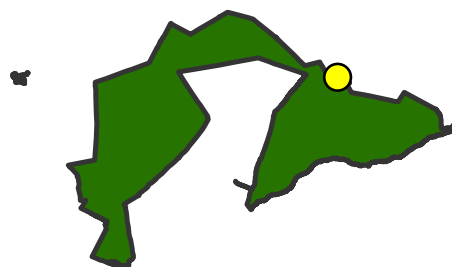
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: Present and fuels clearance

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: Q13-House

Unit - Location: HAVO - HAVO HQ

FMSS ID: 22283, **Local ID:**

Structure Type, Use: Building, Residence

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, April 14, 2021

Coordinates (DDM): 19° 25.52508846' N 155° 15.29751576' W

Rating: Moderate

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: Yes

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 110

Primary Access: Road

Ingress Egress: 1 road in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: 30 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Wood or open sided

Foundation: Closed, 6in to 30in masonry exposed

Firewood: None

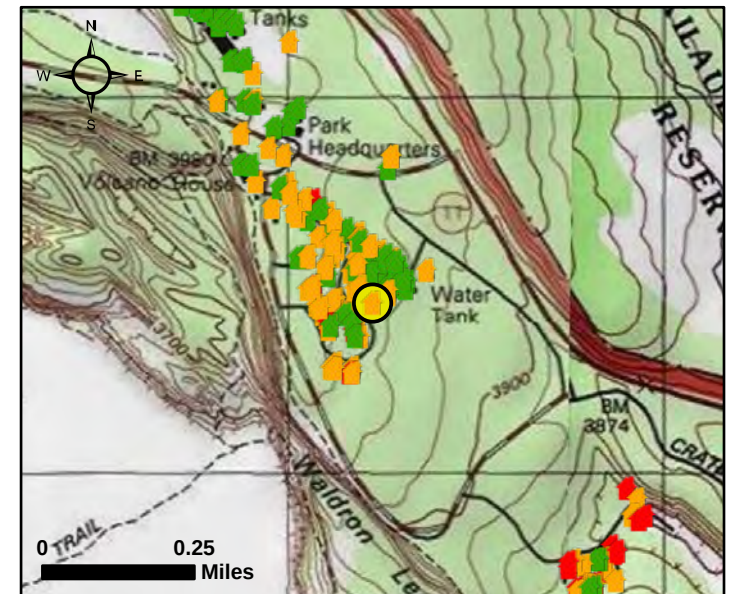
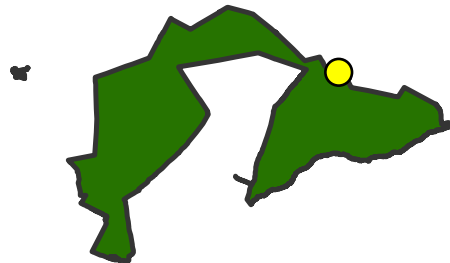
Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: Adjacent to facility and no fuels clearance

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire

NO PHOTO AVAILABLE





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: B6 Back Country Office

Unit - Location: HAVO - HAVO HQ

FMSS ID: 22332, **Local ID:**

Structure Type, Use: Administrative, Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, April 7, 2021

Coordinates (DDM): 19° 25.63056552' N 155° 15.33847476' W

Rating: Low

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: Yes

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 91

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: 30 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Wood or open sided

Foundation: Closed, 6in to 30in masonry exposed

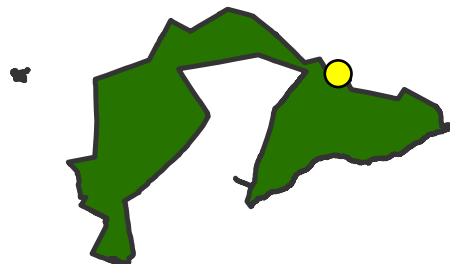
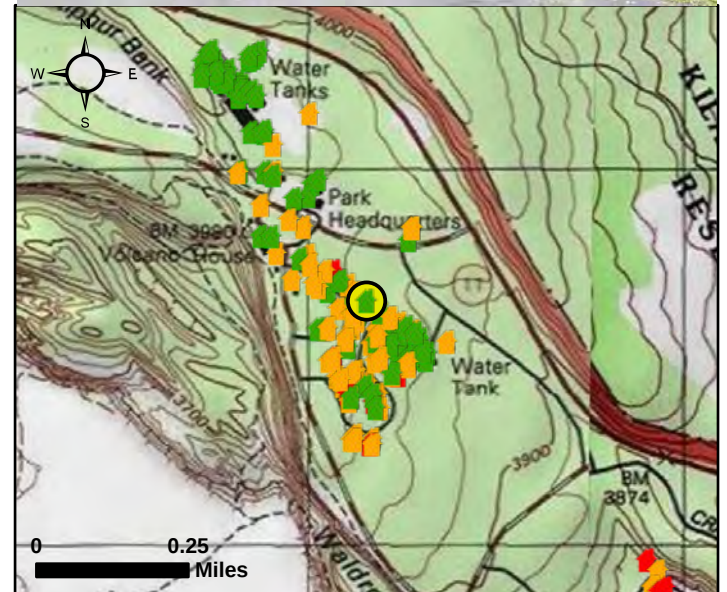
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: Adjacent to facility and no fuels clearance

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: G48-Garage for Q19

Unit - Location: HAVO - HAVO HQ

FMSS ID: 22328, **Local ID:**

Structure Type, Use: Building, Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, April 7, 2021

Coordinates (DDM): 19° 25.61952000' N 155° 15.38060364' W

Rating: Moderate

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: No

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 68

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: None or not clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: No defensible space

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Wood or open sided

Foundation: Closed, 6in to 30in masonry exposed

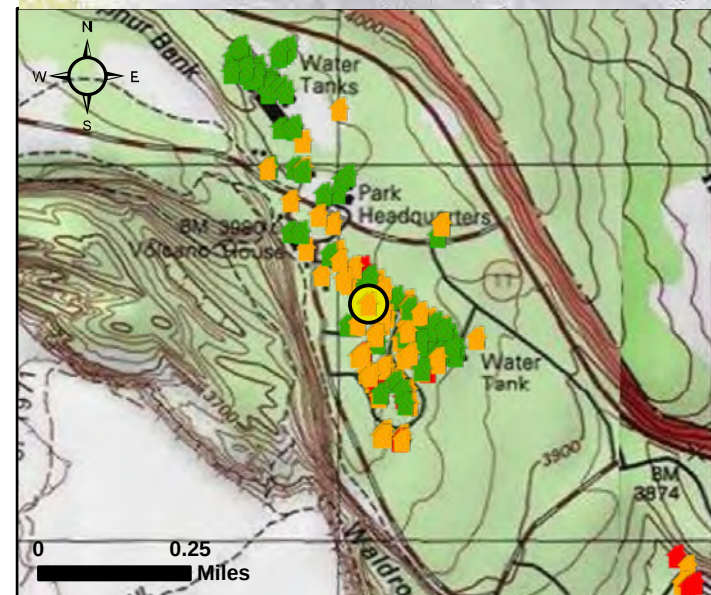
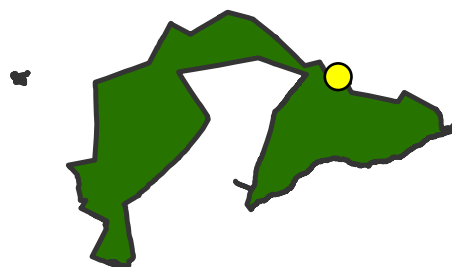
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: None

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: B49 Storage Shed for Q23, Q24

Unit - Location: HAVO - HAVO HQ

FMSS ID: 22329, **Local ID:**

Structure Type, Use: Building, Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, April 14, 2021

Coordinates (DDM): 19° 25.60404456' N 155° 15.35242146' W

Rating: Moderate

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: No

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 87

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: None or not clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: No defensible space

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Wood or open sided

Foundation: Closed, 6in to 30in masonry exposed

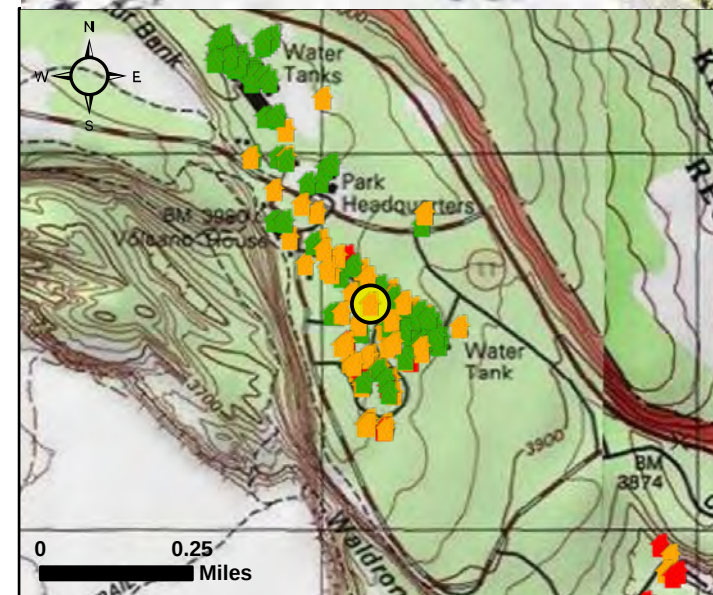
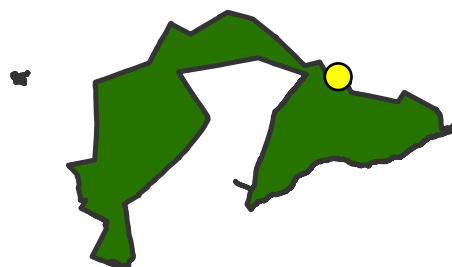
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: Adjacent to facility and no fuels clearance

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: G58-Garage for Q17

Unit - Location: HAVO - HAVO HQ

FMSS ID: 22343, **Local ID:**

Structure Type, Use: Building, Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, May 4, 2021

Coordinates (DDM): 19° 25.59007440' N 155° 15.39889368' W

Rating: Moderate

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: No

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 64

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Greater than 300 ft with turnaround

Access and Turnarounds: Greater than 300 ft with turnaround

Facility Number or Sign: None or not clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: No defensible space

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Wood or open sided

Foundation: Closed, 6in to 30in masonry exposed

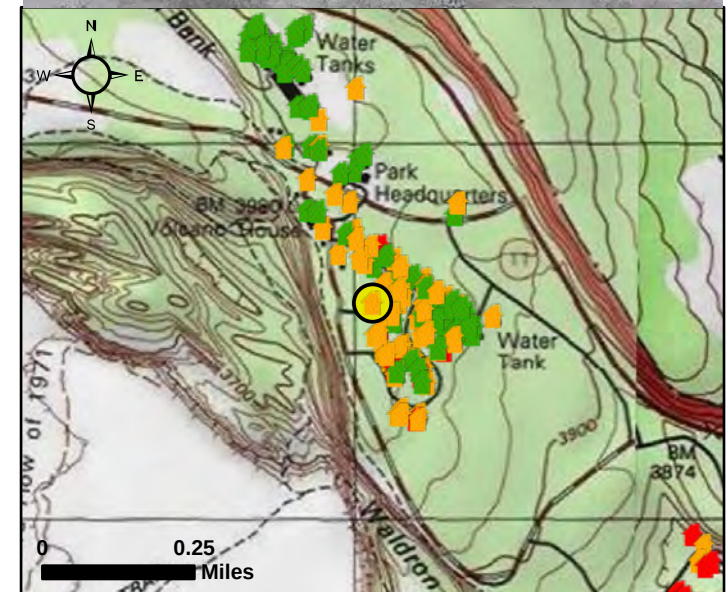
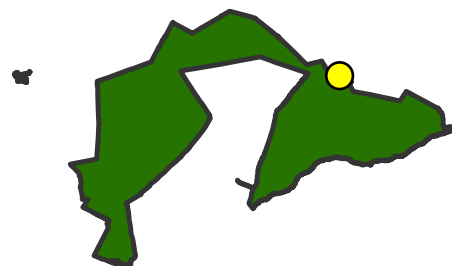
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: Present and little to no fuels clearance

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: G50-Garage for Q20

Unit - Location: HAVO - HAVO HQ

FMSS ID: 22330, **Local ID:**

Structure Type, Use: Building, Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, April 14, 2021

Coordinates (DDM): 19° 25.57829694' N 155° 15.36893718' W

Rating: Moderate

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: No

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 73

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: None or not clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: No defensible space

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Wood or open sided

Foundation: Closed, 6in to 30in masonry exposed

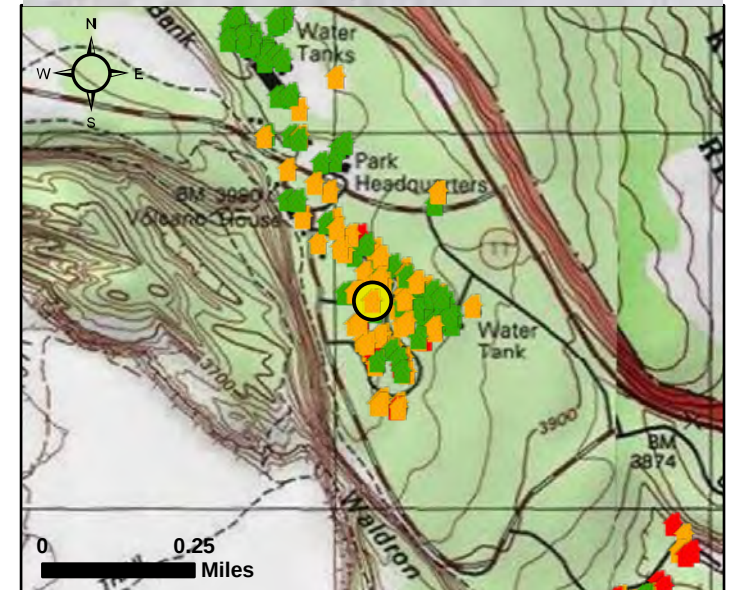
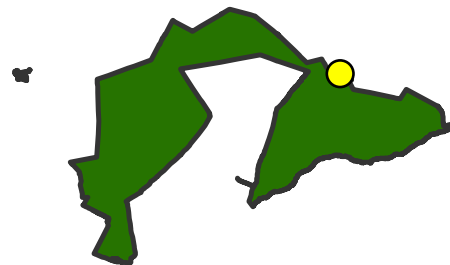
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: Present and little to no fuels clearance

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: B16 landM Office

Unit - Location: HAVO - HAVO HQ

FMSS ID: 22355, **Local ID:**

Structure Type, Use: Administrative, Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, April 7, 2021

Coordinates (DDM): 19° 25.65968946' N 155° 15.37926000' W

Rating: Low

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: Yes

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 69

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: 100 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Wood or open sided

Foundation: Closed, Greater than 30in masonry exposed or N/A

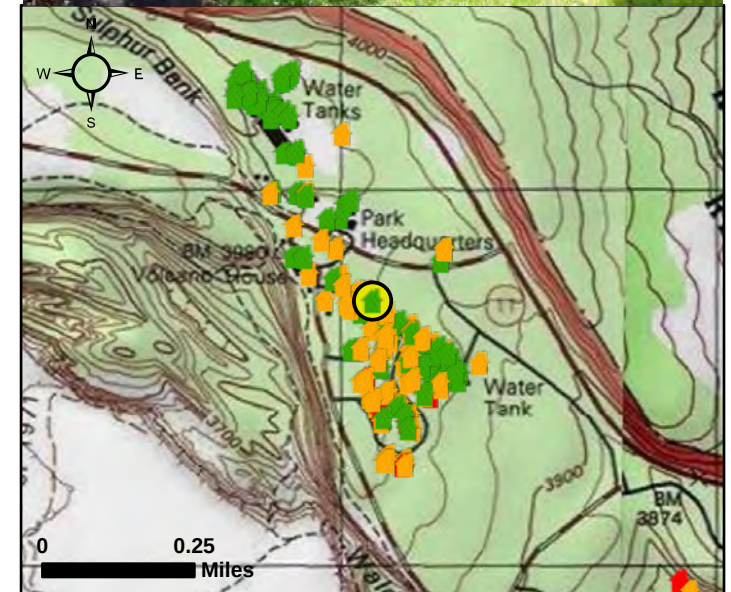
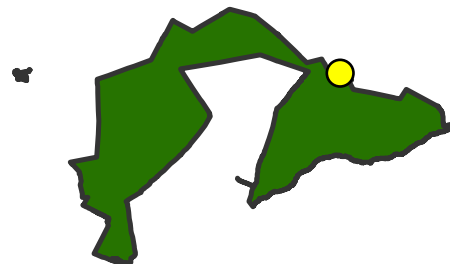
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: None

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: B7-Interp Office

Unit - Location: HAVO - HAVO HQ

FMSS ID: 22335, **Local ID:**

Structure Type, Use: Administrative, Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, April 7, 2021

Coordinates (DDM): 19° 25.64204748' N 155° 15.35681142' W

Rating: Moderate

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: Yes

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 82

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: Less than 30 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Wood or open sided

Foundation: Closed, 6in to 30in masonry exposed

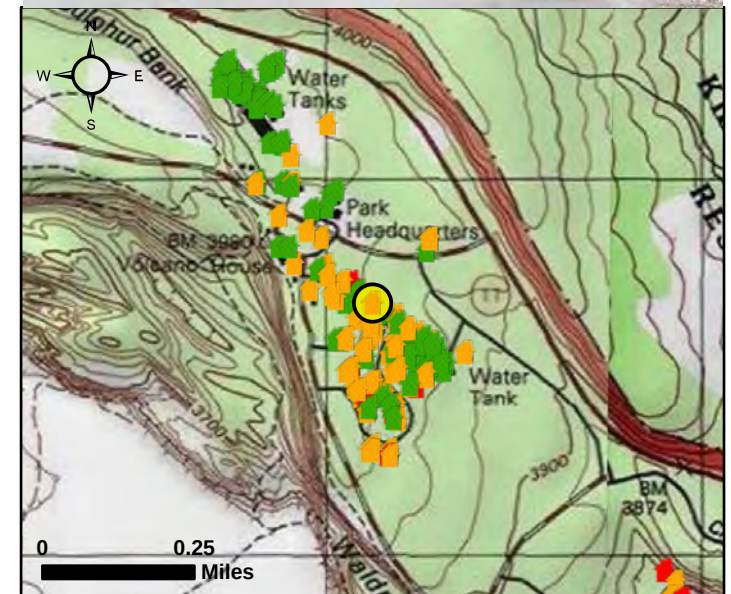
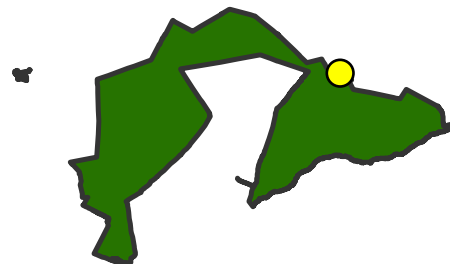
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: Adjacent to facility and no fuels clearance

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: B8 Facilities and Grounds

Unit - Location: HAVO - HAVO HQ

FMSS ID: 22334, **Local ID:**

Structure Type, Use: Administrative, Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, April 14, 2021

Coordinates (DDM): 19° 25.61628240' N 155° 15.32038566' W

Rating: Moderate

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: Yes

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 175

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: Less than 30 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Wood or open sided

Foundation: Closed, 6in to 30in masonry exposed

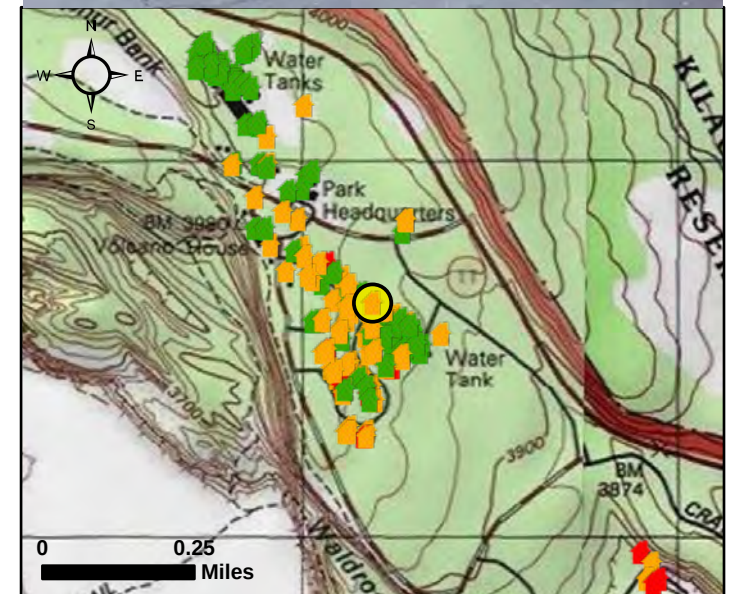
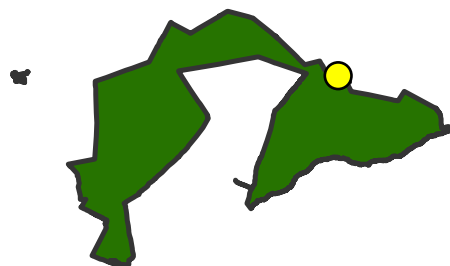
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: Present and fuels clearance

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: B9 Office

Unit - Location: HAVO - HAVO HQ

FMSS ID: 22333, **Local ID:**

Structure Type, Use: Building, Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, November 17, 2021

Coordinates (DDM): 19° 25.60661022' N 155° 15.30656940' W

Rating: Moderate

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: Yes

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 106

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: No defensible space

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Wood or open sided

Foundation: Closed, 6in to 30in masonry exposed

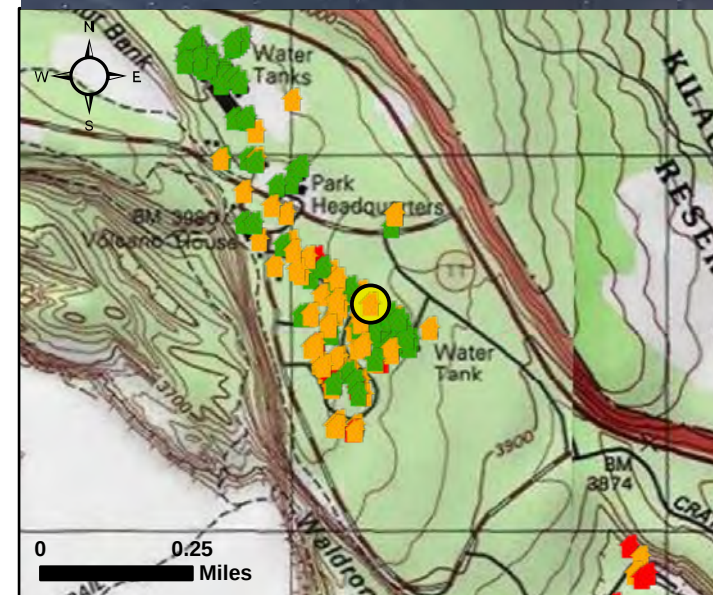
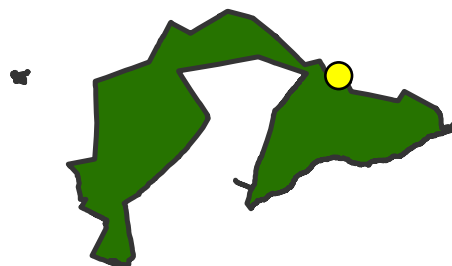
Firewood: Greater than 30 ft from facility

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: Adjacent to facility and no fuels clearance

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: B17 Ed Center

Unit - Location: HAVO - HAVO HQ

FMSS ID: 22342, **Local ID:**

Structure Type, Use: Administrative, Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, May 4, 2021

Coordinates (DDM): 19° 25.58962398' N 155° 15.41092728' W

Rating: Low

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: Yes

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 63

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Greater than 300 ft with turnaround

Access and Turnarounds: Greater than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: 30 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Wood or open sided

Foundation: Closed, 6in to 30in masonry exposed

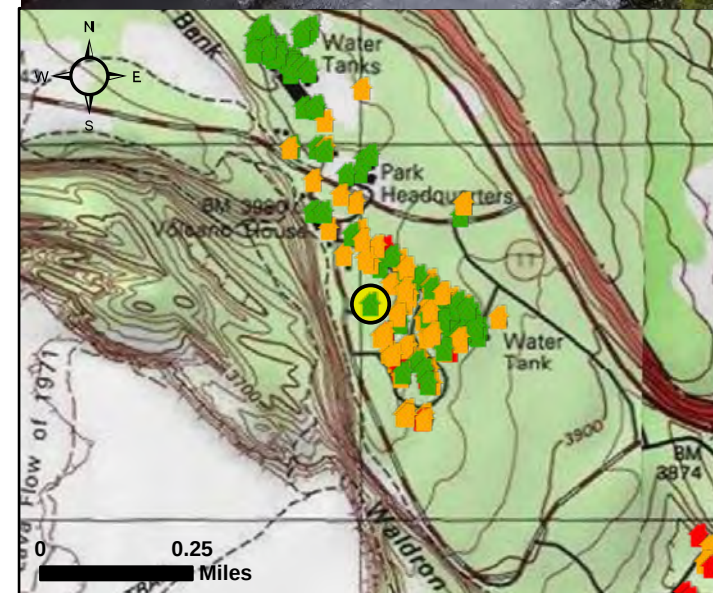
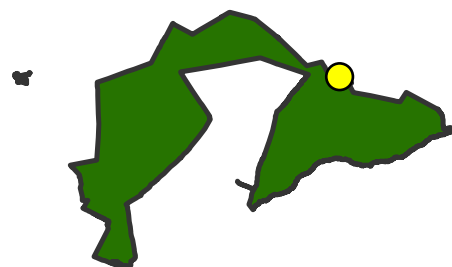
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: None

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: B42 Art Gallery

Unit - Location: HAVO - HAVO HQ

FMSS ID: 22578, **Local ID:**

Structure Type, Use: Building, Concession (other than lodging)

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, May 20, 2022

Coordinates (DDM): 19° 25.81398048' N 155° 15.49515462' W

Rating: Low

ProtectionLevel: Not Designated,

Resources of Concern: Yes

Occupied: Yes

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 49

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: 30 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Wood or open sided

Foundation: Open or deck

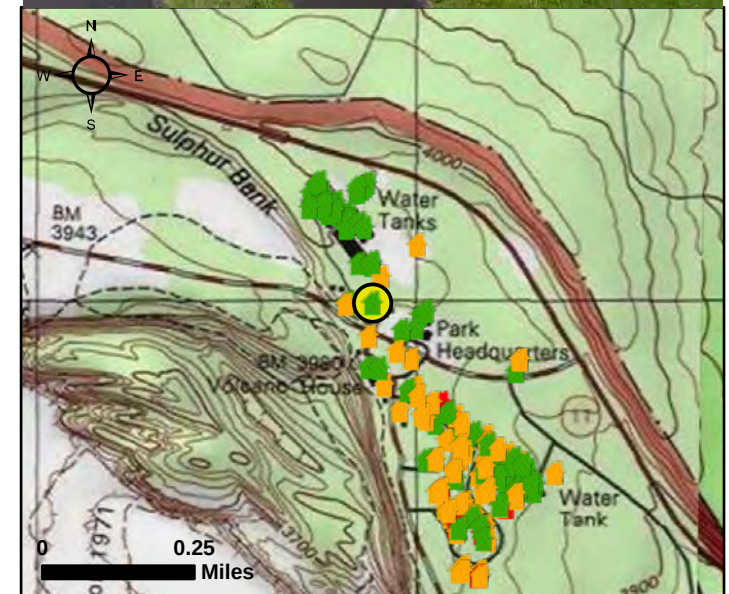
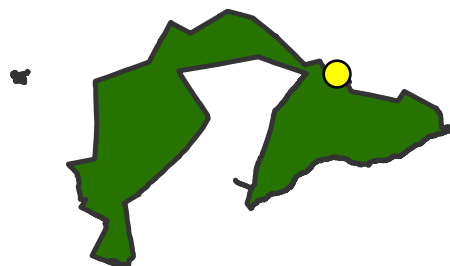
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: None

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: B52 Paint Storage

Unit - Location: HAVO - HAVO HQ

FMSS ID: 22856, **Local ID:**

Structure Type, Use: Building, Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, November 17, 2021

Coordinates (DDM): 19° 25.59420096' N 155° 15.27788700' W

Rating: Low

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: No

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 118

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: 30 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Rock, concrete, metal

Foundation: Closed, 6in to 30in masonry exposed

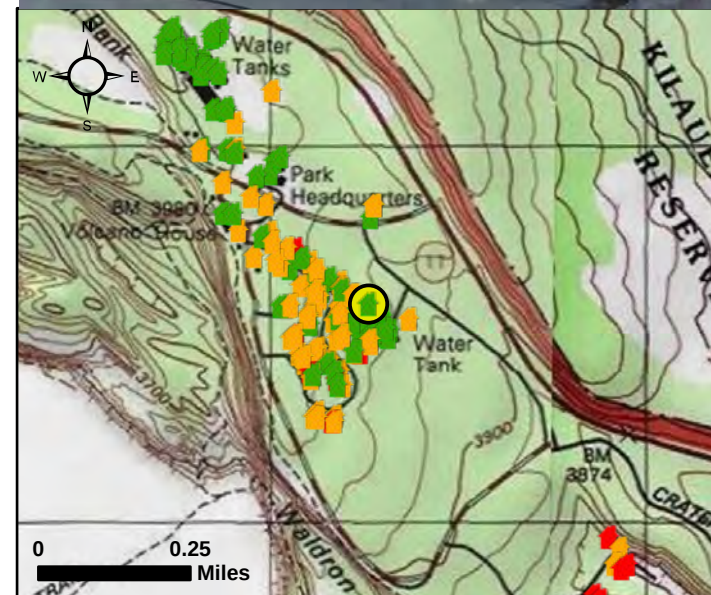
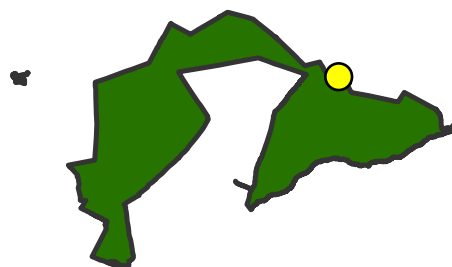
Firewood: Greater than 30 ft from facility

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: None

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: B216- Research Center-USGS-BRD

Unit - Location: HAVO - HAVO HQ

FMSS ID: 22351, **Local ID:**

Structure Type, Use: Building, Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, May 6, 2021

Coordinates (DDM): 19° 25.15366374' N 155° 14.97354468' W

Rating: Moderate

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: Yes

In Community: Yes, Maintenance/Admin Buildings

Revisit Interval: yrs

Map Label: 135

Primary Access: Road

Ingress Egress: 1 road in/out

Access Width: 1.5 lanes (Greater than 18')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: 100 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Wood or open sided

Foundation: Open or deck

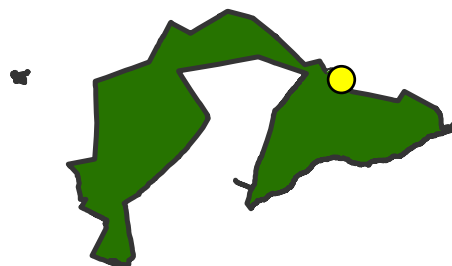
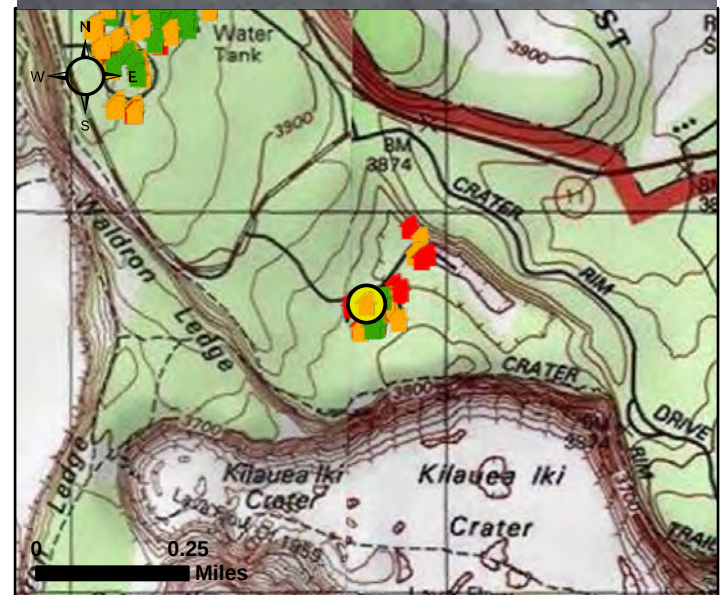
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: None

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: B34-Magma House

Unit - Location: HAVO - HAVO HQ

FMSS ID: 105600, **Local ID:**

Structure Type, Use: Building, Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, May 6, 2021

Coordinates (DDM): 19° 25.14975636' N 155° 14.99532342' W

Rating: High

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: Yes

In Community: Yes, Maintenance/Admin Buildings

Revisit Interval: yrs

Map Label: 131

Primary Access: Road

Ingress Egress: 1 road in/out

Access Width: 1.5 lanes (Greater than 18')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: No defensible space

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Wood or open sided

Foundation: Open or deck

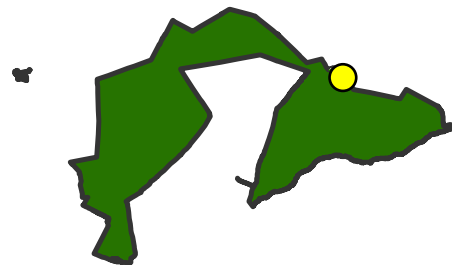
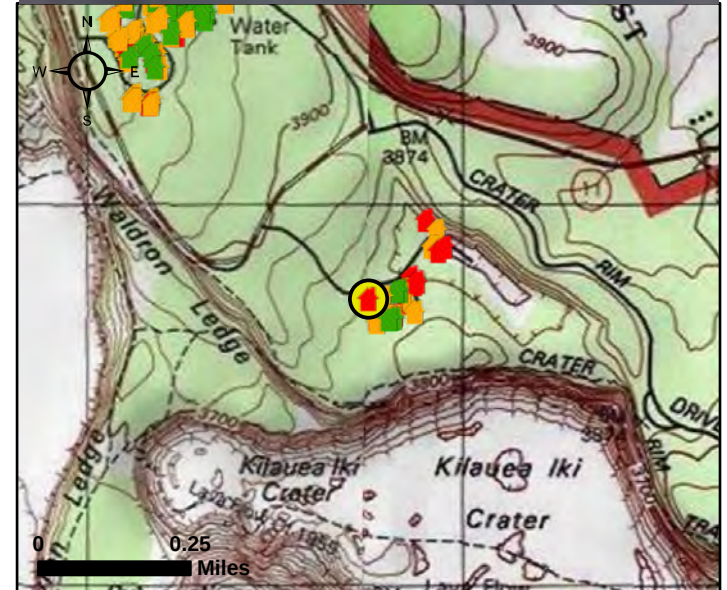
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: None

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: B295-RM Aviary

Unit - Location: HAVO - HAVO HQ

FMSS ID: 33367, **Local ID:**

Structure Type, Use: Building, Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, June 24, 2021

Coordinates (DDM): 19° 25.13172708' N 155° 14.92471098' W

Rating: Moderate

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: Yes

In Community: Yes, Maintenance/Admin Buildings

Revisit Interval: yrs

Map Label: 147

Primary Access: Road

Ingress Egress: 1 road in/out

Access Width: 1.5 lanes (Greater than 18')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: No defensible space

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Wood or open sided

Foundation: Closed, 6in to 30in masonry exposed

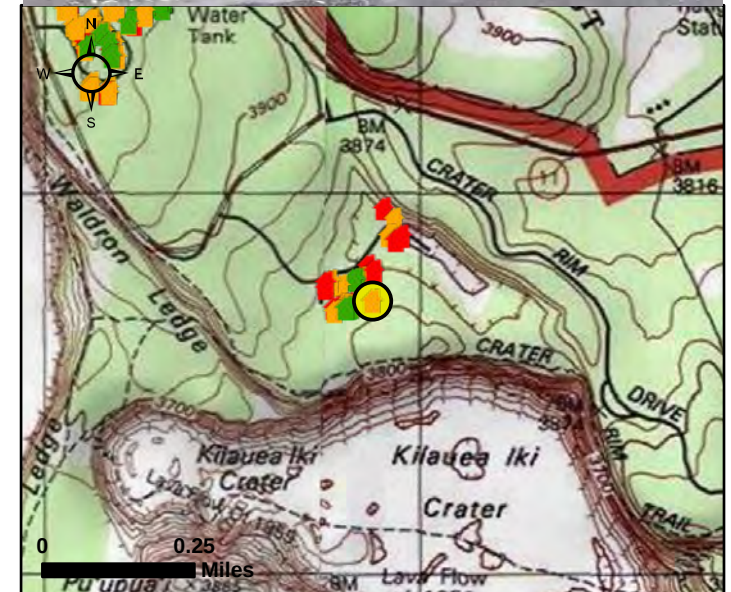
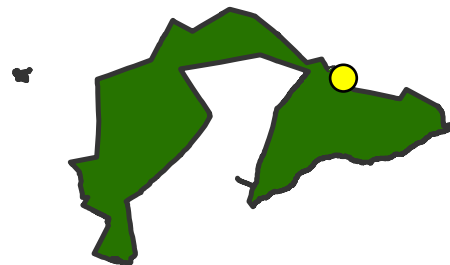
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: None

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: RM Greenhouse Storage

Unit - Location: HAVO - HAVO HQ

FMSS ID: , **Local ID:**

Structure Type, Use: Building, Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, June 24, 2021

Coordinates (DDM): 19° 25.12823694' N 155° 14.95526298' W

Rating: High

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: Yes

In Community: Yes, Maintenance/Admin Buildings

Revisit Interval: yrs

Map Label: 142

Primary Access: Road

Ingress Egress: 1 road in/out

Access Width: 1.5 lanes (Greater than 18')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: None or not clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: No defensible space

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Wood or open sided

Foundation: Open or deck

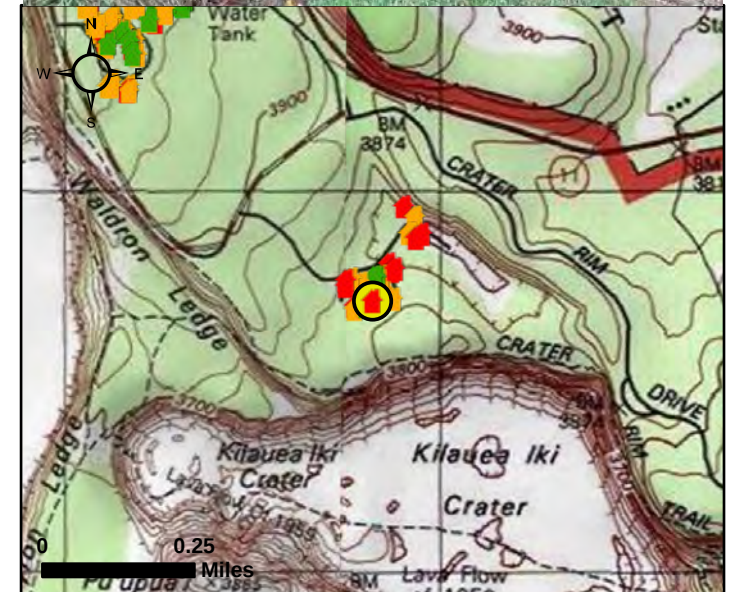
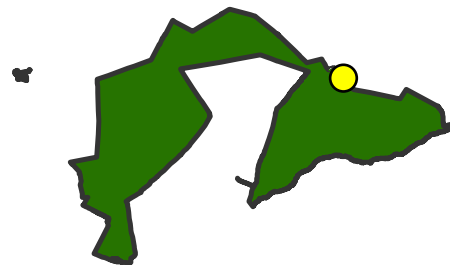
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: None

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: B342 USFS Host Nursery Storage

Unit - Location: HAVO - HAVO HQ

FMSS ID: , **Local ID:**

Structure Type, Use: Building, Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, June 24, 2021

Coordinates (DDM): 19° 25.12590942' N 155° 14.95605096' W

Rating: Moderate

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: Yes

In Community: Yes, Maintenance/Admin Buildings

Revisit Interval: yrs

Map Label: 141

Primary Access: Road

Ingress Egress: 1 road in/out

Access Width: 1.5 lanes (Greater than 18')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: Less than 30 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Wood or open sided

Foundation: Closed, Less than 6in masonry exposed

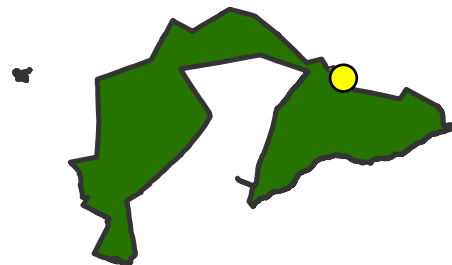
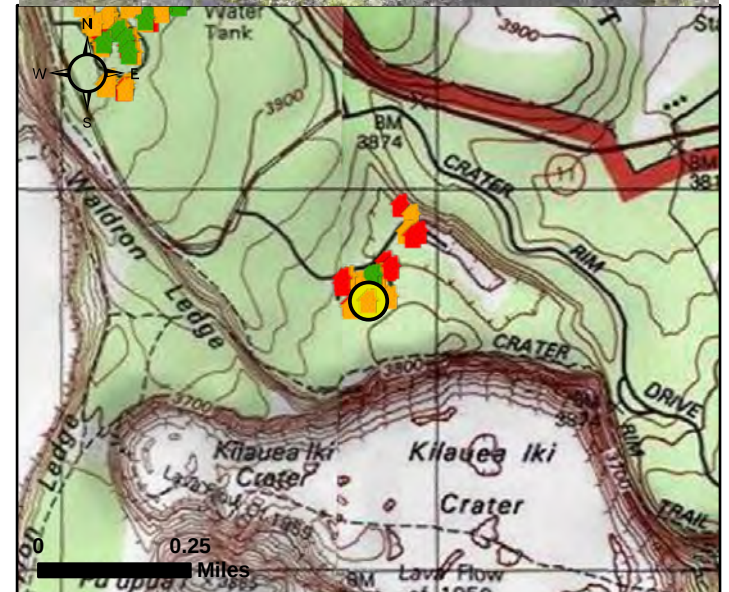
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: None

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: B329 - RM Herbicide Shed

Unit - Location: HAVO - HAVO HQ

FMSS ID: , **Local ID:**

Structure Type, Use: Building, Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, June 24, 2021

Coordinates (DDM): 19° 25.12553880' N 155° 14.96962530' W

Rating: Moderate

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: Yes

In Community: Yes, Maintenance/Admin Buildings

Revisit Interval: yrs

Map Label: 182

Primary Access: Road

Ingress Egress: 1 road in/out

Access Width: 1.5 lanes (Greater than 18')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: Less than 30 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Rock, concrete, metal

Foundation: Closed, Greater than 30in masonry exposed or N/A

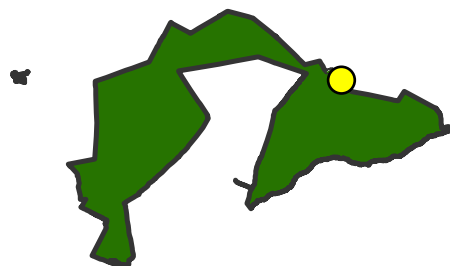
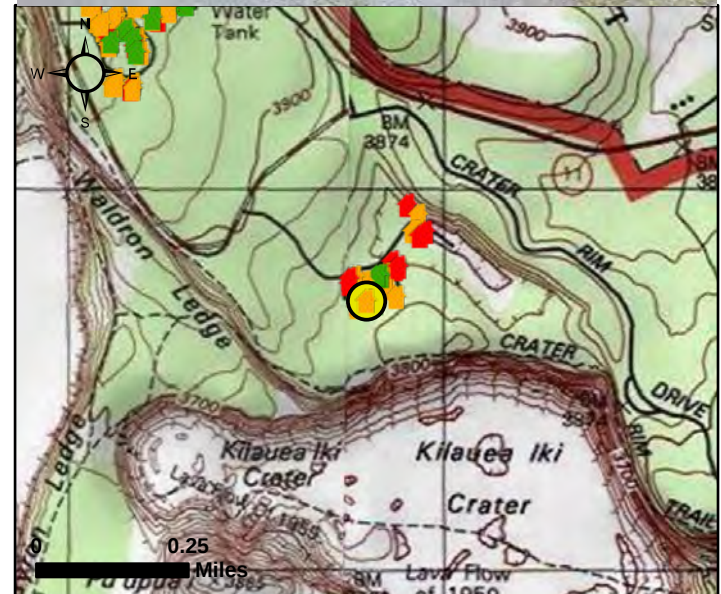
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: None

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: RM Imu Shed

Unit - Location: HAVO - HAVO HQ

FMSS ID: Unknown, **Local ID:**

Structure Type, Use: Building, Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, June 24, 2021

Coordinates (DDM): 19° 25.12058154' N 155° 14.98269444' W

Rating: High

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: Yes

In Community: Yes, Maintenance/Admin Buildings

Revisit Interval: 5 yrs

Map Label: 133

Primary Access: Road

Ingress Egress: 1 road in/out

Access Width: 1.5 lanes (Greater than 18')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: None or not clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: Less than 30 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Wood or open sided

Foundation: Open or deck

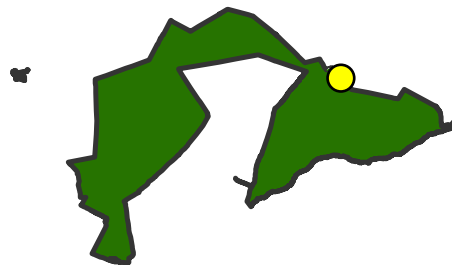
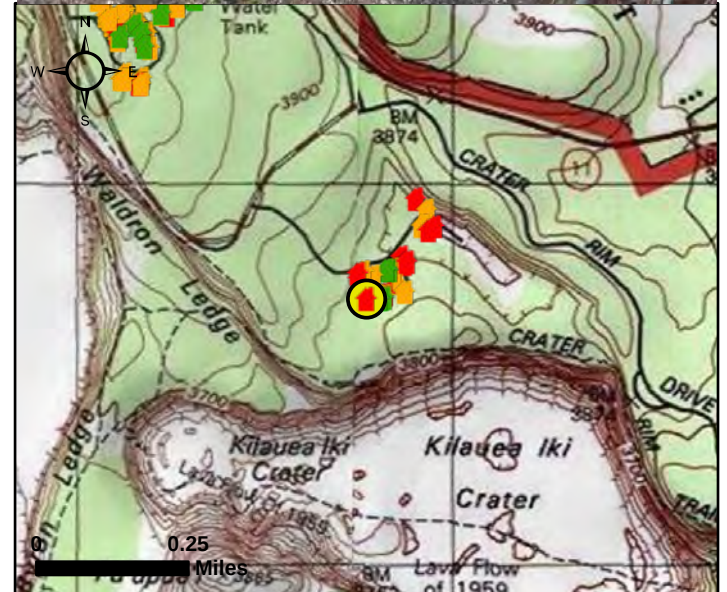
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: None

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: RM Dog Kennel

Unit - Location: HAVO - HAVO HQ

FMSS ID: , **Local ID:**

Structure Type, Use: Building, Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, May 6, 2021

Coordinates (DDM): 19° 25.26448782' N 155° 14.90970798' W

Rating: High

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: Yes

In Community: Yes, Maintenance/Admin Buildings

Revisit Interval: yrs

Map Label: 185

Primary Access: Road

Ingress Egress: 1 road in/out

Access Width: 1 lane (Less than 18')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Greater than 300 ft with turnaround

Access and Turnarounds: Greater than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: No defensible space

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Wood or open sided

Foundation: Closed, Greater than 30in masonry exposed or N/A

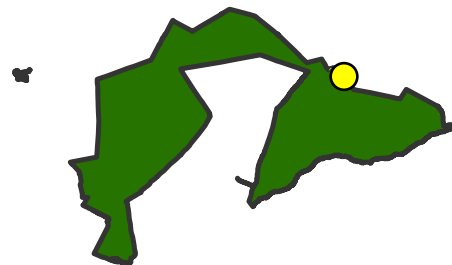
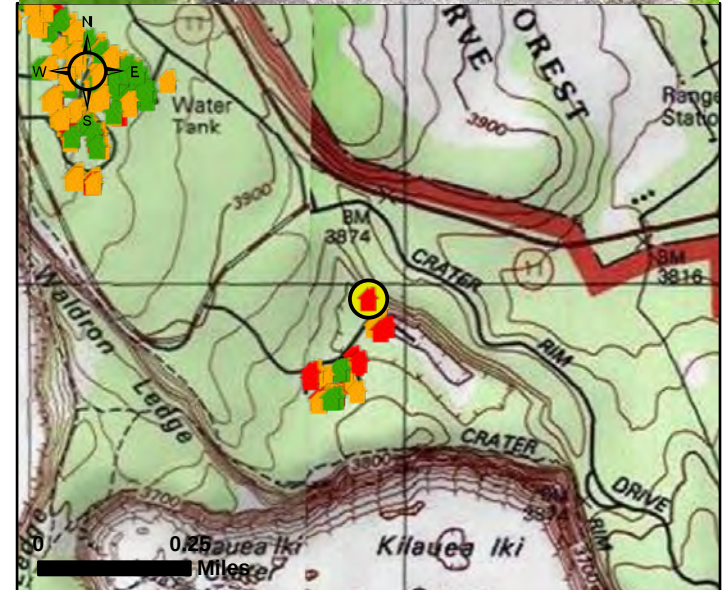
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: None

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: Bldg 167 Volcano House - Second Wing

Unit - Location: HAVO - HAVO HQ

FMSS ID: 22488, **Local ID:**

Structure Type, Use: Building, Visitor Lodging

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, May 20, 2022

Coordinates (DDM): 19° 25.72206024' N 155° 15.50007690' W

Rating: Low

ProtectionLevel: Not Designated,

Resources of Concern: Yes

Occupied: Yes

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 45

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: 30 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Wood or open sided

Foundation: Closed, Less than 6in masonry exposed

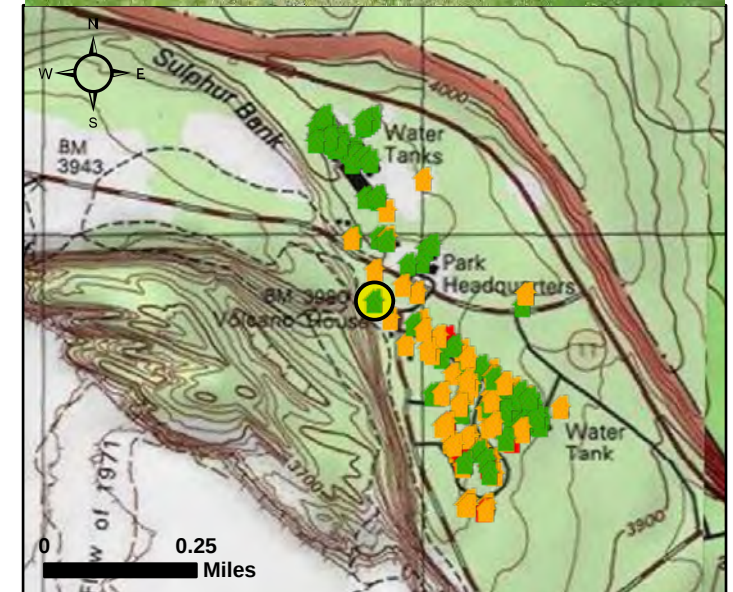
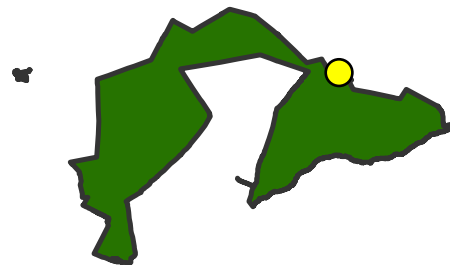
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: None

Overhead Hazards: No overhead hazards

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: Pump House

Unit - Location: HAVO - HAVO HQ

FMSS ID: 22586, **Local ID:**

Structure Type, Use: Building, Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, May 20, 2022

Coordinates (DDM): 19° 25.81500000' N 155° 15.53220000' W

Rating: Low

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: No

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 37

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Moderate

Defensible Space: 30 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Rock, concrete, metal

Foundation: Closed, Less than 6in masonry exposed

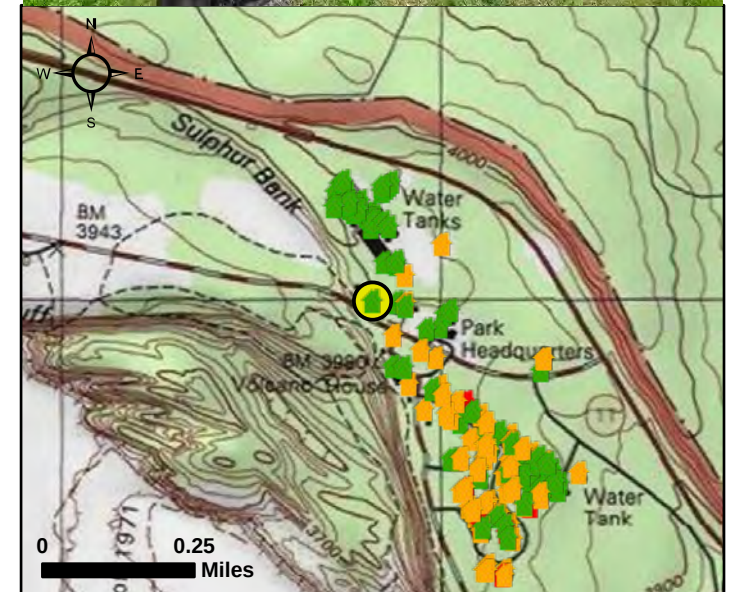
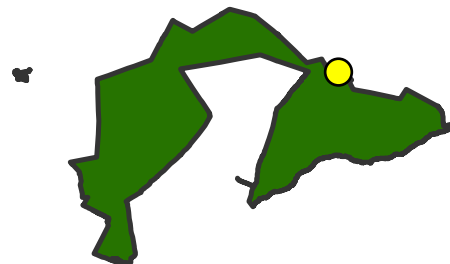
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: None

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: B43 Rainshed, Old

Unit - Location: HAVO - HAVO HQ

FMSS ID: 21501, **Local ID:**

Structure Type, Use: Building, Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, May 20, 2022

Coordinates (DDM): 19° 25.92071946' N 155° 15.53604702' W

Rating: Low

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: No

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 155

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: None or not clearly visible

Fuel Type: Shrub or timber

Fuel Load: Moderate

Defensible Space: 100 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Rock, concrete, metal

Foundation: Closed, Less than 6in masonry exposed

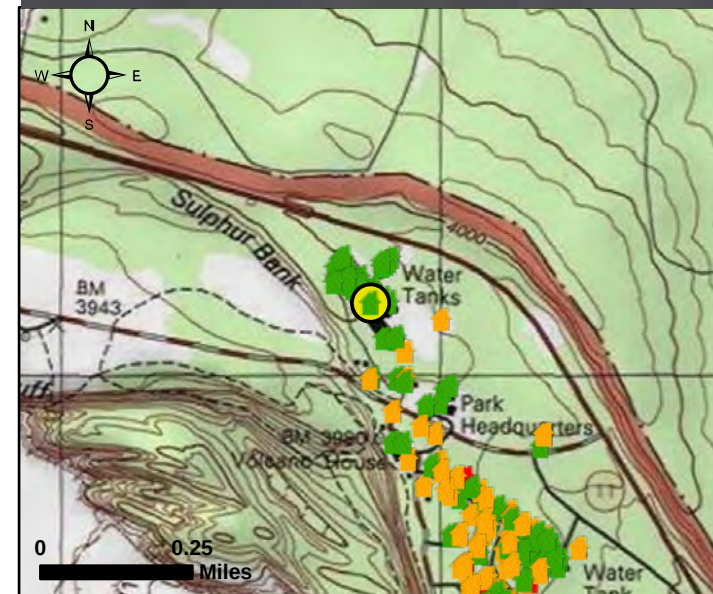
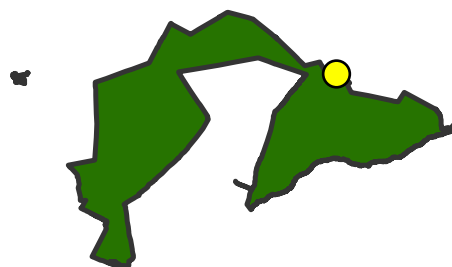
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: None

Overhead Hazards: No overhead hazards

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: Wash Rack (B350)

Unit - Location: HAVO - HAVO HQ

FMSS ID: 22840, **Local ID:**

Structure Type, Use: Building, Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, May 20, 2022

Coordinates (DDM): 19° 25.54980000' N 155° 15.28980000' W

Rating: Low

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: No

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 114

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: 30 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Rock, concrete, metal

Foundation: Closed, Less than 6in masonry exposed

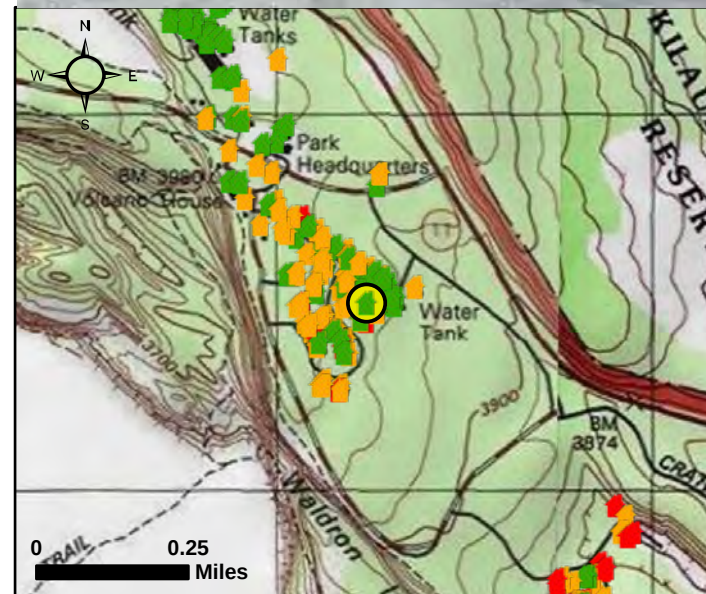
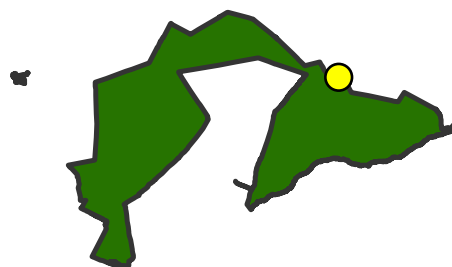
Firewood: Greater than 30 ft from facility

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: Present and fuels clearance

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: Art Gallery Office

Unit - Location: HAVO - HAVO HQ

FMSS ID: 22582, **Local ID:**

Structure Type, Use: Building, Concession (other than lodging)

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, May 20, 2022

Coordinates (DDM): 19° 25.81380000' N 155° 15.48120000' W

Rating: Moderate

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: Yes

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 52

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: None or not clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: No defensible space

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Wood or open sided

Foundation: Closed, Less than 6in masonry exposed

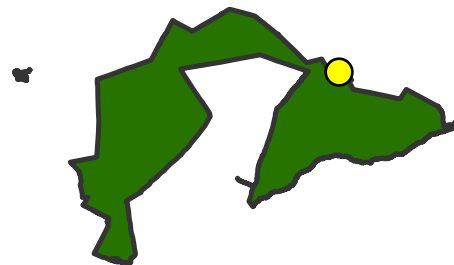
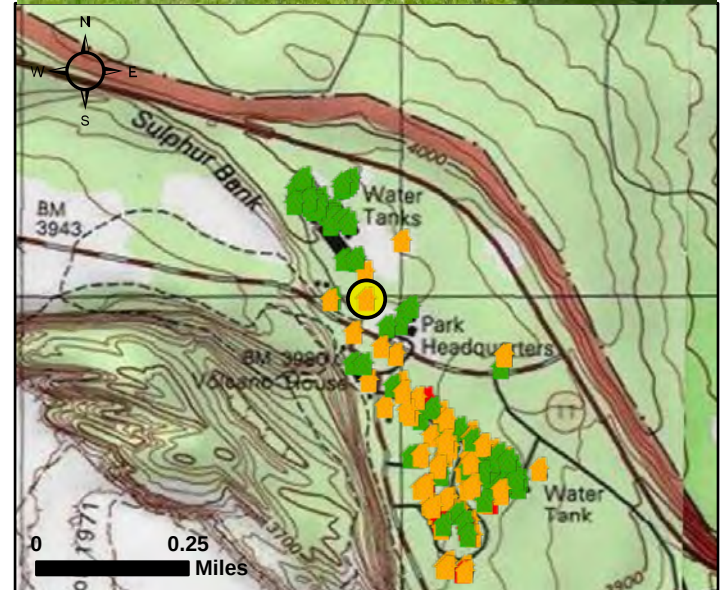
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: None

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: Rainshed Resource Management Shop

Unit - Location: HAVO - HAVO HQ

FMSS ID: 57082, **Local ID:**

Structure Type, Use: Building, Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, May 20, 2022

Coordinates (DDM): 19° 25.95602130' N 155° 15.58356324' W

Rating: Low

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: No

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 26

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: None or not clearly visible

Fuel Type: Shrub or timber

Fuel Load: Moderate

Defensible Space: 100 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Wood or open sided

Foundation: Open or deck

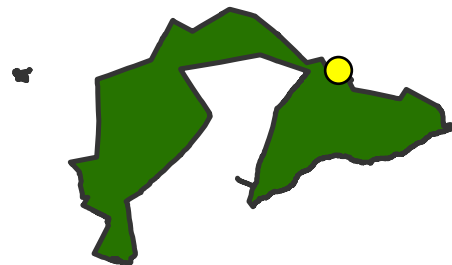
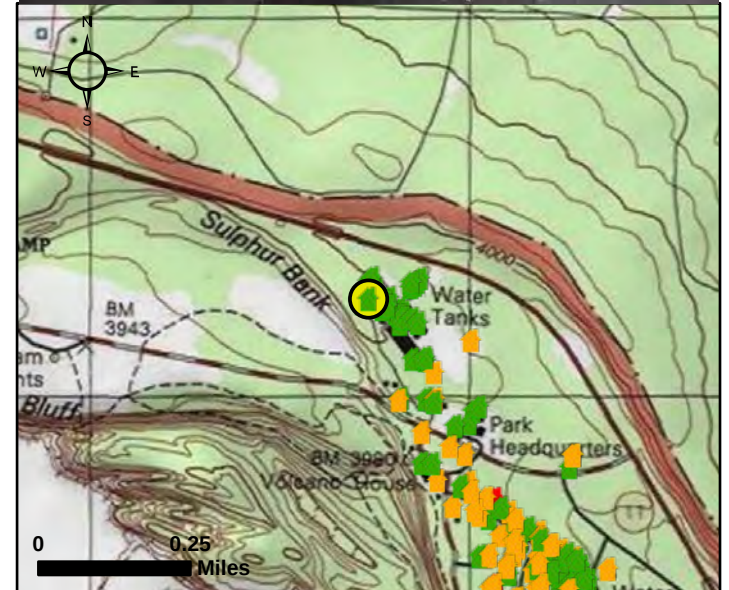
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: None

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: Rain Collection Shed #2

Unit - Location: HAVO - HAVO HQ

FMSS ID: 88900, **Local ID:**

Structure Type, Use: Building, Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, May 20, 2022

Coordinates (DDM): 19° 25.87080000' N 155° 15.51600000' W

Rating: Low

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: No

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 41

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Moderate

Defensible Space: 100 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Wood or open sided

Foundation: Open or deck

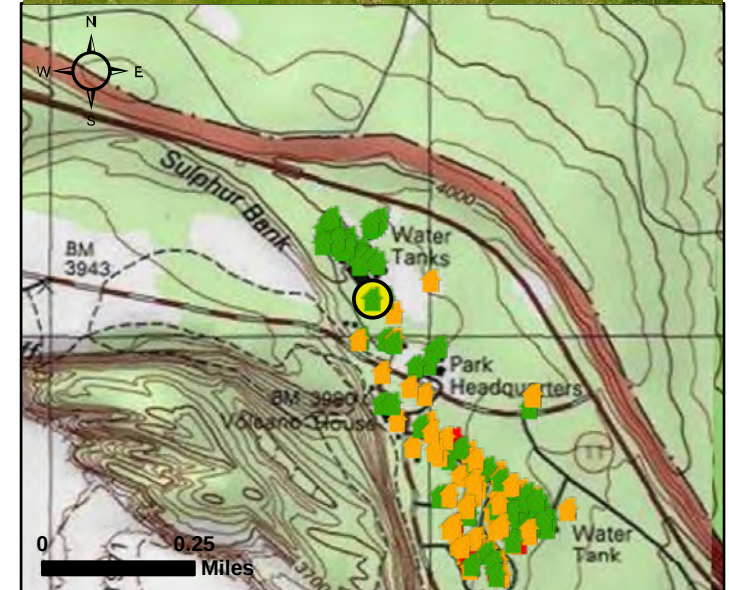
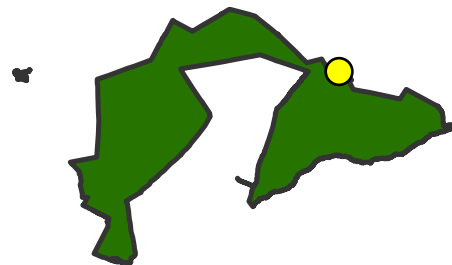
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: None

Overhead Hazards: No overhead hazards

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: B53 - RM Nursery Office

Unit - Location: HAVO - HAVO HQ

FMSS ID: 33370, **Local ID:**

Structure Type, Use: Building, Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, June 24, 2021

Coordinates (DDM): 19° 25.12582656' N 155° 14.96706342' W

Rating: Moderate

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: Yes

In Community: Yes, Maintenance/Admin Buildings

Revisit Interval: yrs

Map Label: 136

Primary Access: Road

Ingress Egress: 1 road in/out

Access Width: 1.5 lanes (Greater than 18')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: 30 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Wood or open sided

Foundation: Closed, Less than 6in masonry exposed

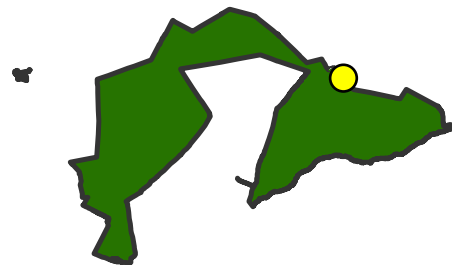
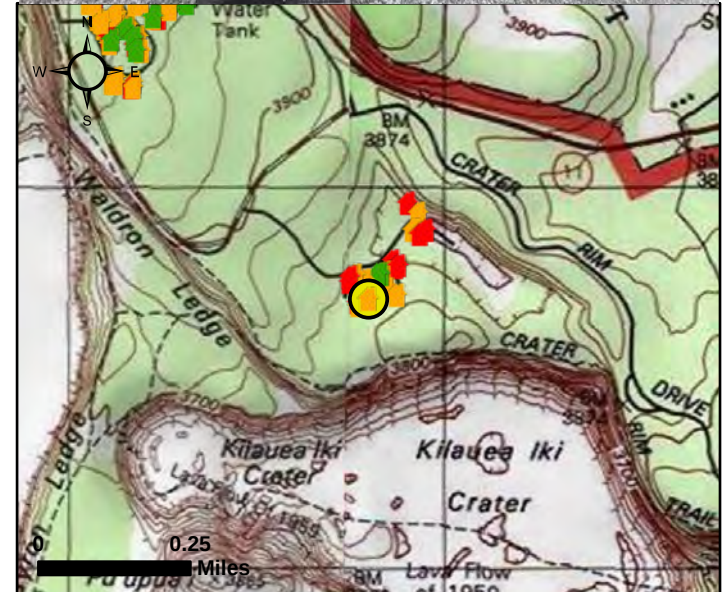
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: None

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: Autoshop Paint Shop

Unit - Location: HAVO - HAVO HQ

FMSS ID: 22836, **Local ID:**

Structure Type, Use: Building, Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, May 20, 2022

Coordinates (DDM): 19° 25.55280000' N 155° 15.27060000' W

Rating: Low

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: No

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 123

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: None or not clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: 30 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Rock, concrete, metal

Foundation: Closed, Less than 6in masonry exposed

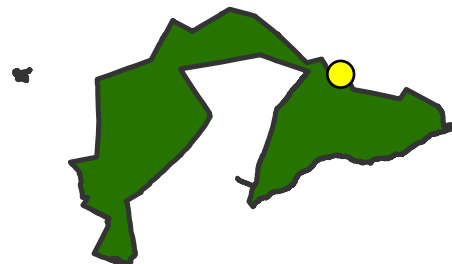
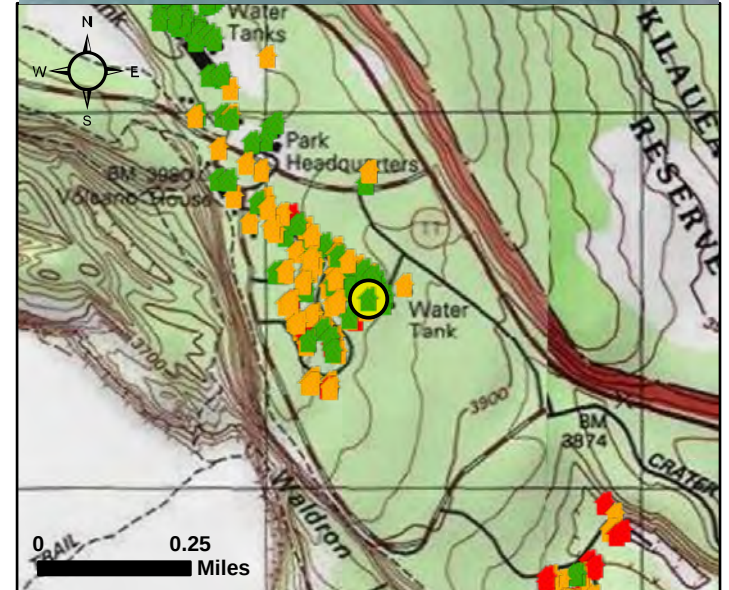
Firewood: Greater than 30 ft from facility

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: None

Overhead Hazards: Overhead hazards will limit aircraft

Comments: Spatial data comes from the FRPP section of FMSS. Each point was verified for positional accuracy.





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: Volcano House - Pump House (B79)

Unit - Location: HAVO - HAVO HQ

FMSS ID: 22508, **Local ID:**

Structure Type, Use: Building, Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, May 20, 2022

Coordinates (DDM): 19° 25.76640000' N 155° 15.49980000' W

Rating: Moderate

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: No

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 46

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: None or not clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: Less than 30 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Rock, concrete, metal

Foundation: Closed, Less than 6in masonry exposed

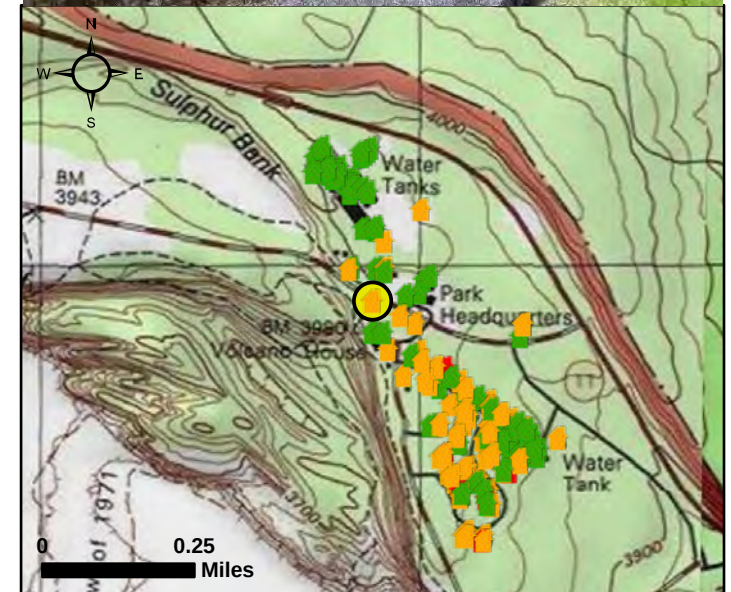
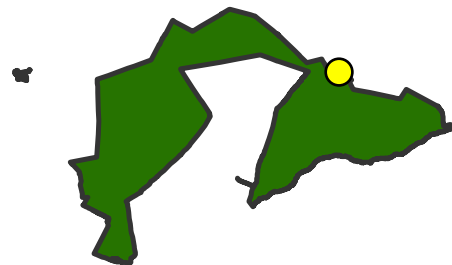
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: None

Overhead Hazards: No overhead hazards

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: B323 KVC Restrooms

Unit - Location: HAVO - HAVO HQ

FMSS ID: 22567, **Local ID:**

Structure Type, Use: Toilet, Public

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, May 20, 2022

Coordinates (DDM): 19° 25.77600000' N 155° 15.45000000' W

Rating: Low

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: No

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 160

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Moderate

Defensible Space: Greater than 100ft treated

Topography: Slope Less than 5%

Roof Material: Fire resistant- tar,rubberized

Siding Material: Wood or open sided

Foundation: Closed, 6in to 30in masonry exposed

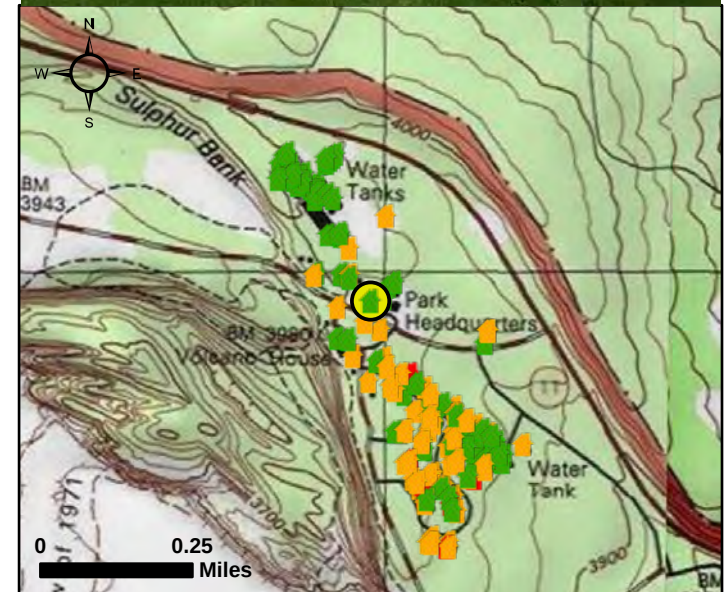
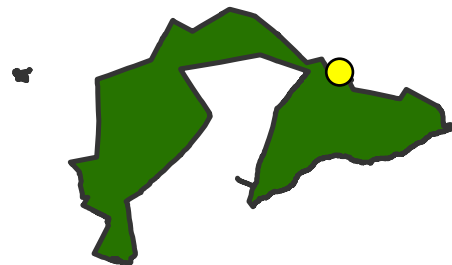
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: None

Overhead Hazards: No overhead hazards

Comments: M. Wasser for HAVO Fire





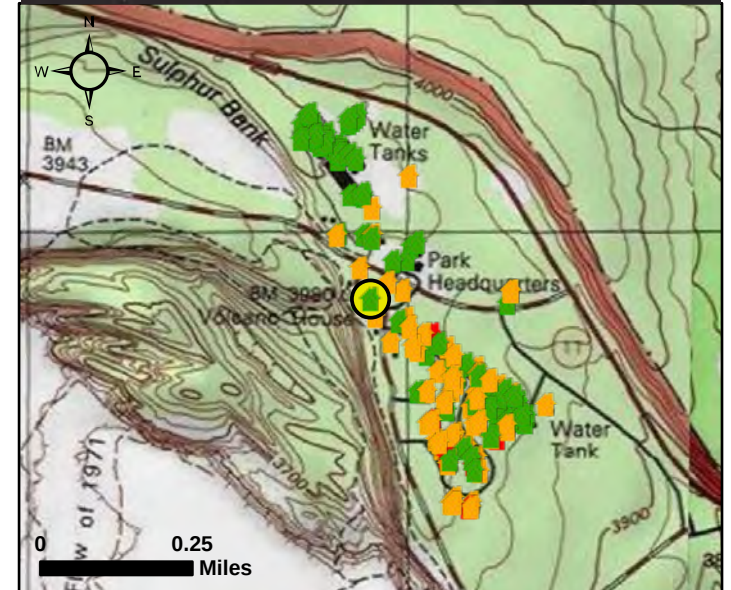
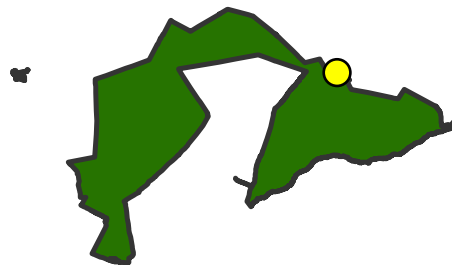
NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: Bldg 168 Volcano House - Main Building and New Addition
Unit - Location: HAVO - HAVO HQ
FMSS ID: 22484, **Local ID:**
Structure Type, Use: Building, Visitor Lodging
Owner: National Park Service
Field Crew, Visit Date: HAVO Fire, May 20, 2022
Coordinates (DDM): 19° 25.72140000' N 155° 15.48360000' W

Rating: Low
ProtectionLevel: Not Designated,
Resources of Concern: Yes
Occupied: Yes
In Community: Yes, Visitor Center/Volcano House
Revisit Interval: 5 yrs
Map Label: 50

Primary Access: Road
Ingress Egress: 2 or more roads in/out
Access Width: 2 lanes (Greater than 24')
Access Condition: Surfaced-paved, grade Less than 5%
Bridge Condition: Less than 300 ft with turnaround
Access and Turnarounds: Less than 300 ft with turnaround
Facility Number or Sign: Marked and clearly visible
Fuel Type: Shrub or timber
Fuel Load: Moderate
Defensible Space: 100 ft treated
Topography: Slope Less than 5%
Roof Material: Noncombustible or not applicable
Siding Material: Wood or open sided
Foundation: Closed, 6in to 30in masonry exposed
Firewood: None
Water Supply: Pressurized hydrant(s) or fixed sprinkler system
Propane: Present and fuels clearance
Overhead Hazards: No overhead hazards
Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: Rainshed Propane Storage

Unit - Location: HAVO - HAVO HQ

FMSS ID: 57080, **Local ID:**

Structure Type, Use: Building, Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, May 20, 2022

Coordinates (DDM): 19° 25.97104194' N 155° 15.59056698' W

Rating: Low

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: No

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 25

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: None or not clearly visible

Fuel Type: Shrub or timber

Fuel Load: Moderate

Defensible Space: 100 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Wood or open sided

Foundation: Open or deck

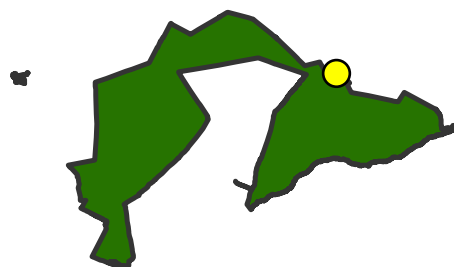
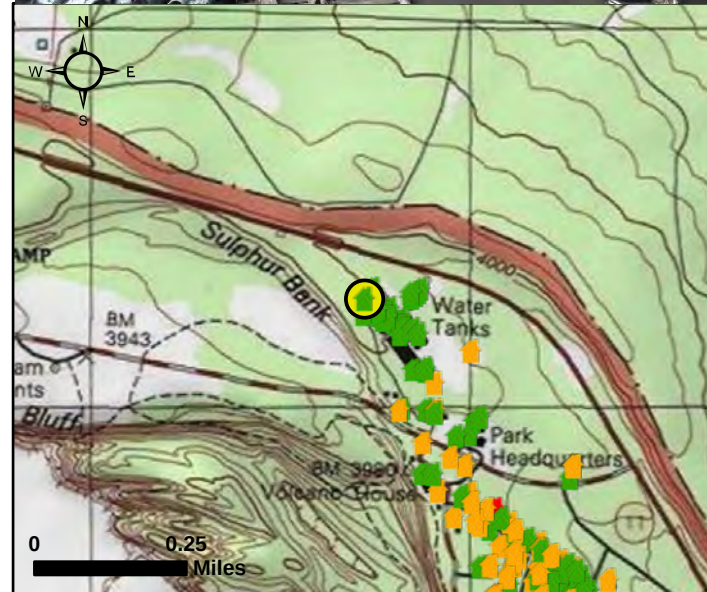
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: None

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: B310 Visitor Emergency Operations Center

Unit - Location: HAVO - HAVO HQ

FMSS ID: 22833, **Local ID:**

Structure Type, Use: Building, Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, November 17, 2021

Coordinates (DDM): 19° 25.55880000' N 155° 15.25200000' W

Rating: Low

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: Yes

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 181

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: 30 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Wood or open sided

Foundation: Closed, Greater than 30in masonry exposed or N/A

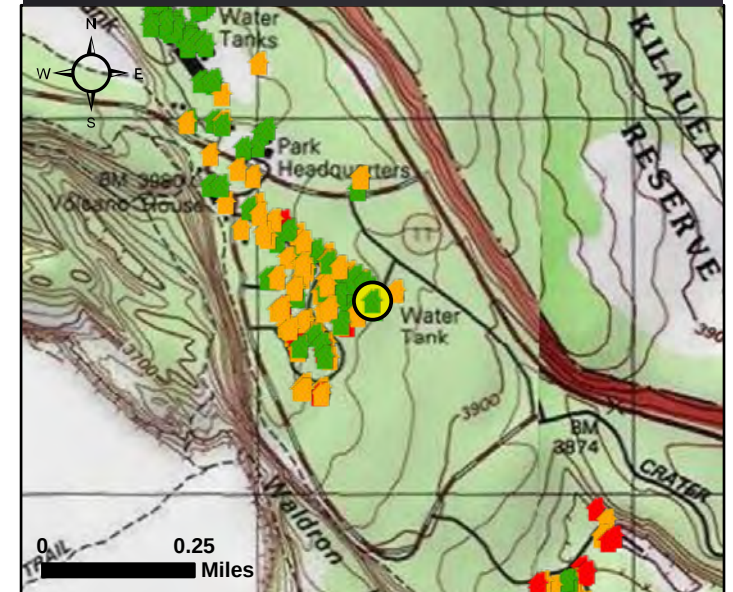
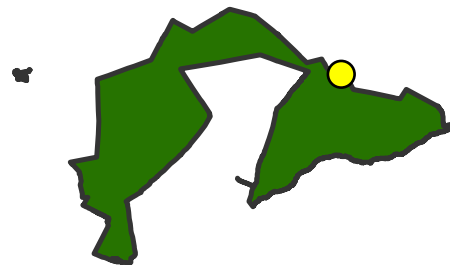
Firewood: Greater than 30 ft from facility

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: Present and fuels clearance

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: Bldg 2 Volcano House - Concession Dorm

Unit - Location: HAVO - HAVO HQ

FMSS ID: 22505, **Local ID:**

Structure Type, Use: Administrative, Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, May 20, 2022

Coordinates (DDM): 19° 25.66120536' N 155° 15.45164124' W

Rating: Moderate

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: Yes

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 55

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: No defensible space

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Wood or open sided

Foundation: Open or deck

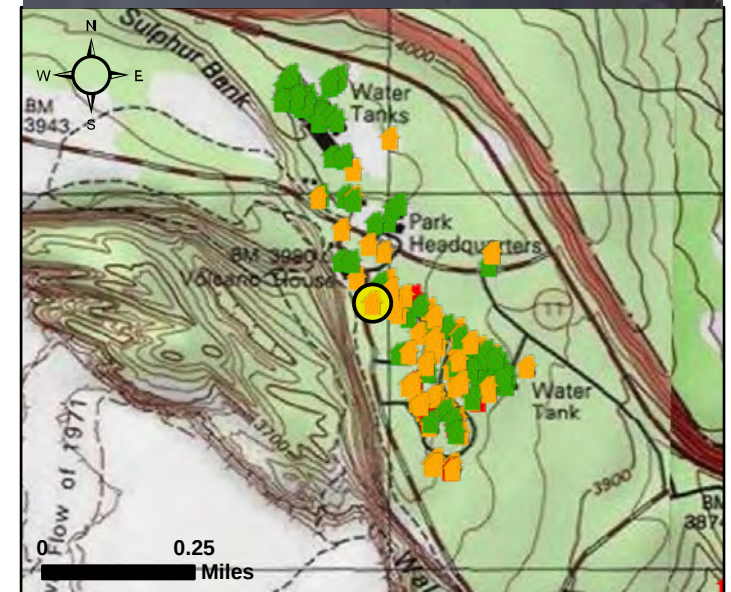
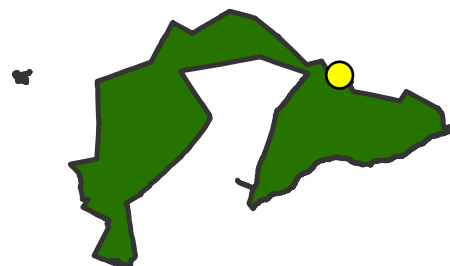
Firewood: Greater than 30 ft from facility

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: Present and little to no fuels clearance

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire. Location updated was pretty far off.





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: Ainahou Rain Collection Shed #1

Unit - Location: HAVO - HAVO HQ

FMSS ID: 88898, **Local ID:**

Structure Type, Use: Building, Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, May 20, 2022

Coordinates (DDM): 19° 25.96996248' N 155° 15.57221940' W

Rating: Low

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: No

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 152

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: None or not clearly visible

Fuel Type: Shrub or timber

Fuel Load: Moderate

Defensible Space: 100 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Wood or open sided

Foundation: Open or deck

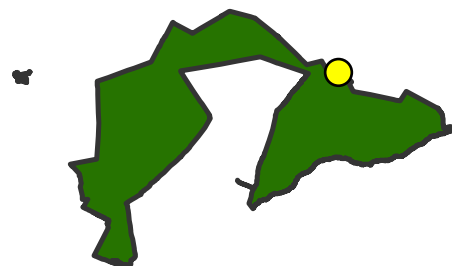
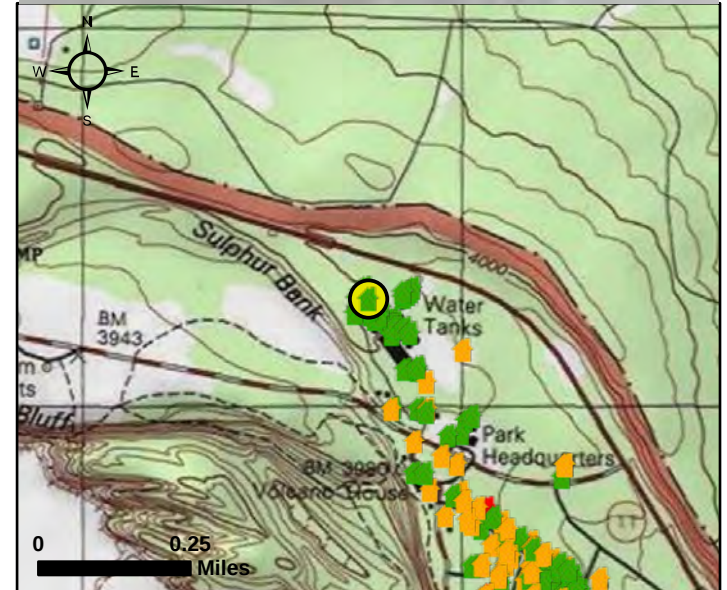
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: None

Overhead Hazards: No overhead hazards

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: Rainshed unknown building

Unit - Location: HAVO - HAVO HQ

FMSS ID: 64572, **Local ID:**

Structure Type, Use: Building, Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, May 20, 2022

Coordinates (DDM): 19° 25.98642108' N 155° 15.57866874' W

Rating: Low

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: No

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 28

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: None or not clearly visible

Fuel Type: Shrub or timber

Fuel Load: Moderate

Defensible Space: 100 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Wood or open sided

Foundation: Open or deck

Firewood: None

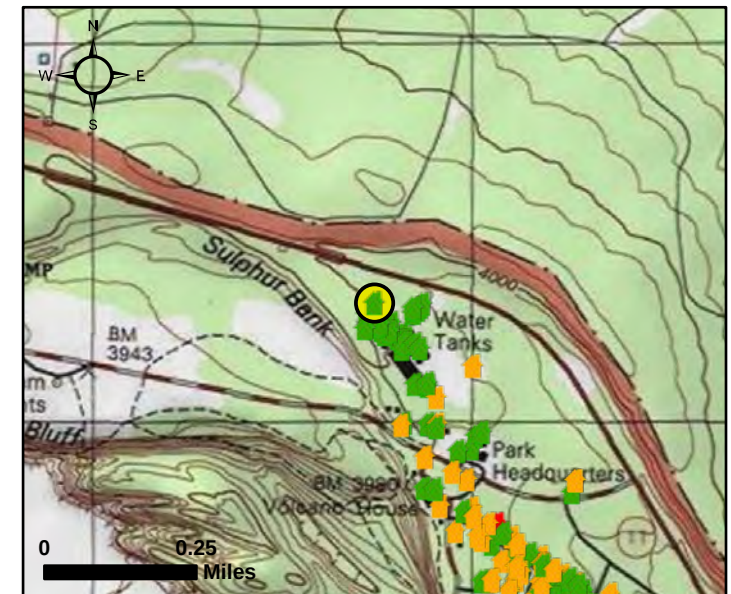
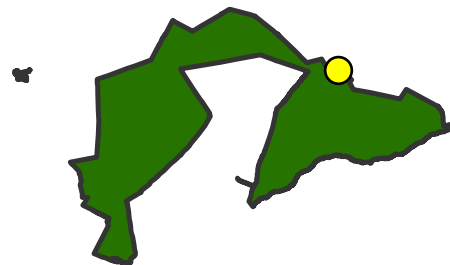
Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: None

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire

NO PHOTO AVAILABLE





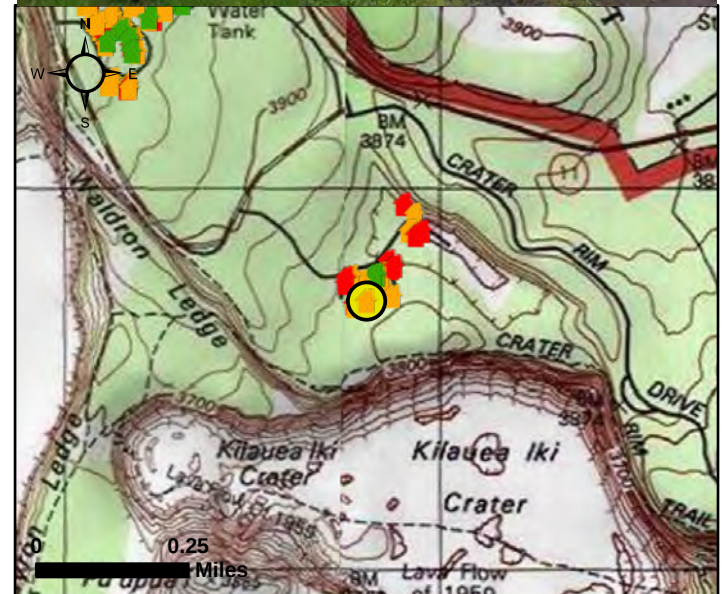
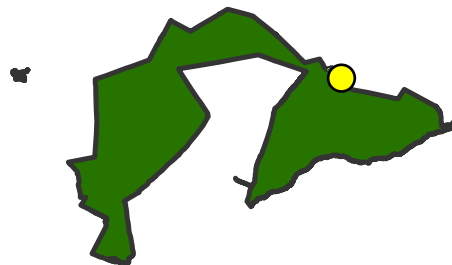
NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: RM Nursery Glasshouse Storage and Processing
Unit - Location: HAVO - HAVO HQ
FMSS ID: 24216, **Local ID:**
Structure Type, Use: Building, Administrative
Owner: National Park Service
Field Crew, Visit Date: HAVO Fire, June 24, 2021
Coordinates (DDM): 19° 25.12440000' N 155° 14.96400000' W

Rating: Moderate
ProtectionLevel: Not Designated,
Resources of Concern: Unknown
Occupied: Yes
In Community: Yes, Maintenance/Admin Buildings
Revisit Interval: yrs
Map Label: 138

Primary Access: Road
Ingress Egress: 1 road in/out
Access Width: 1.5 lanes (Greater than 18')
Access Condition: Surfaced-paved, gradeLess than 5%
Bridge Condition: Less than 300 ft with turnaround
Access and Turnarounds: Less than 300 ft with turnaround
Facility Number or Sign: Marked and clearly visible
Fuel Type: Shrub or timber
Fuel Load: Heavy
Defensible Space: Less than 30 ft treated
Topography: Slope Less than 5%
Roof Material: Noncombustible or not applicable
Siding Material: Wood or open sided
Foundation: Closed, Greater than 30in masonry exposed or N/A
Firewood: None
Water Supply: Pressurized hydrant(s) or fixed sprinkler system
Propane: None
Overhead Hazards: Overhead hazards will limit aircraft
Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: Paint Shop

Unit - Location: HAVO - HAVO HQ

FMSS ID: 22847, **Local ID:**

Structure Type, Use: Building, Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, May 11, 2021

Coordinates (DDM): 19° 25.56780000' N 155° 15.30240000' W

Rating: Low

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: Yes

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 177

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Moderate

Defensible Space: 30 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Rock, concrete, metal

Foundation: Closed, Less than 6in masonry exposed

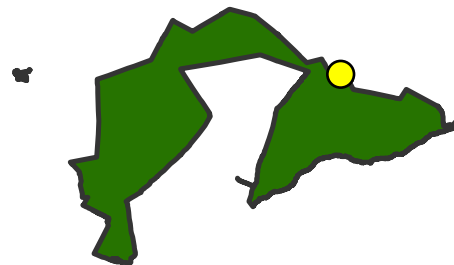
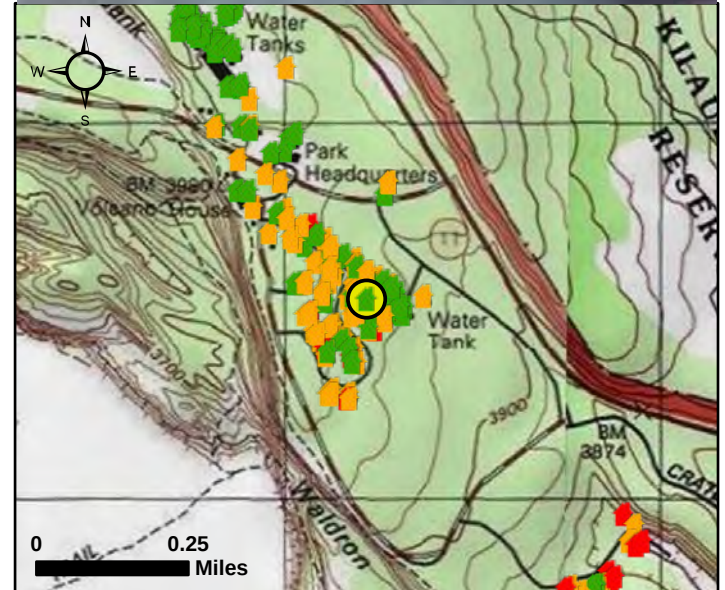
Firewood: Greater than 30 ft from facility

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: None

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: Entrance Station

Unit - Location: HAVO - HAVO HQ

FMSS ID: 22209, **Local ID:**

Structure Type, Use: Building, Public

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, December 1, 2021

Coordinates (DDM): 19° 25.71840000' N 155° 15.27660000' W

Rating: Low

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: Yes

In Community: No,

Revisit Interval: 5 yrs

Map Label: 119

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Light or no wildland fuels

Defensible Space: 100 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Wood or open sided

Foundation: Closed, Greater than 30in masonry exposed or N/A

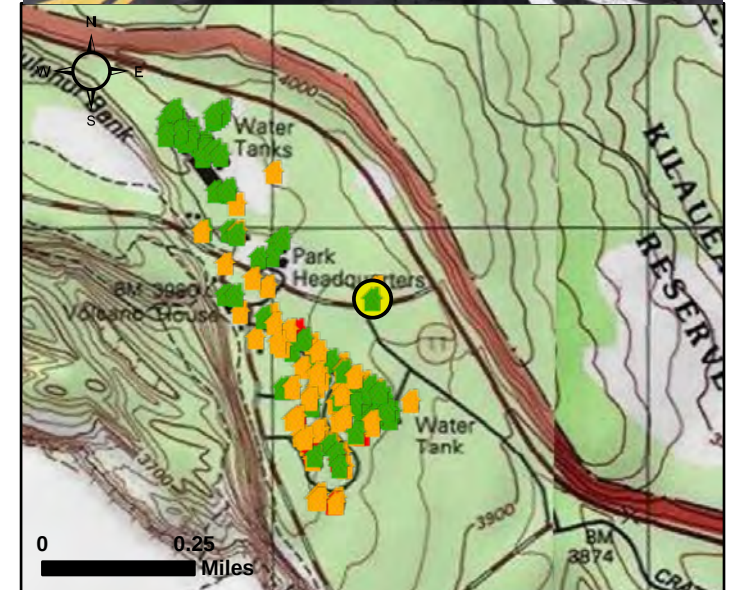
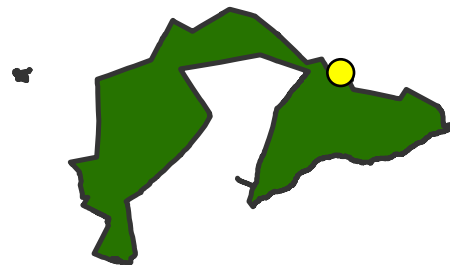
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: None

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: Rainshed Resource Management Office

Unit - Location: HAVO - HAVO HQ

FMSS ID: 57083, **Local ID:**

Structure Type, Use: Administrative, Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, May 20, 2022

Coordinates (DDM): 19° 25.95238422' N 155° 15.58081434' W

Rating: Low

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: No

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 189

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: None or not clearly visible

Fuel Type: Shrub or timber

Fuel Load: Moderate

Defensible Space: 100 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Wood or open sided

Foundation: Open or deck

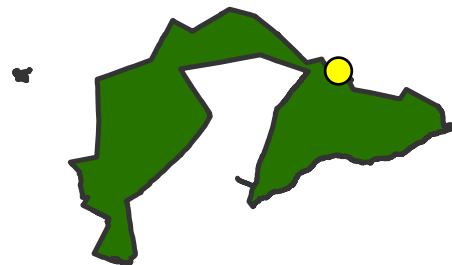
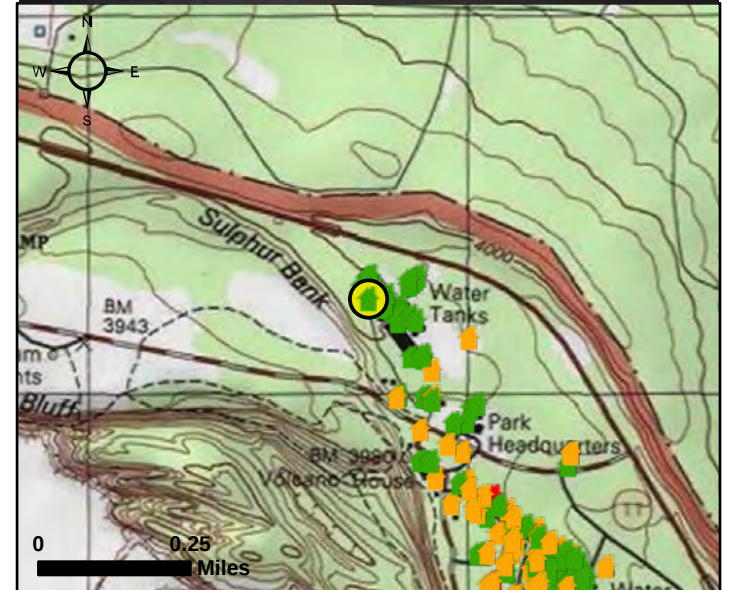
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: None

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: Reservoir Pump House (B242)

Unit - Location: HAVO - HAVO HQ

FMSS ID: 22592, **Local ID:**

Structure Type, Use: Utility Site, Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, May 20, 2022

Coordinates (DDM): 19° 25.89840000' N 155° 15.42840000' W

Rating: Moderate

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: No

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 162

Primary Access: Road

Ingress Egress: 1 road in/out

Access Width: 1 lane (Less than 18')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: 30 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Wood or open sided

Foundation: Closed, Less than 6in masonry exposed

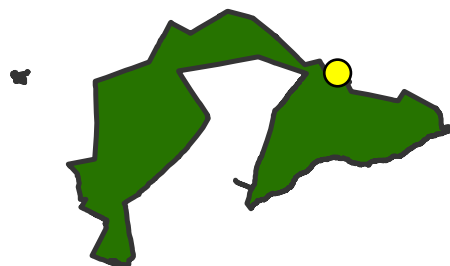
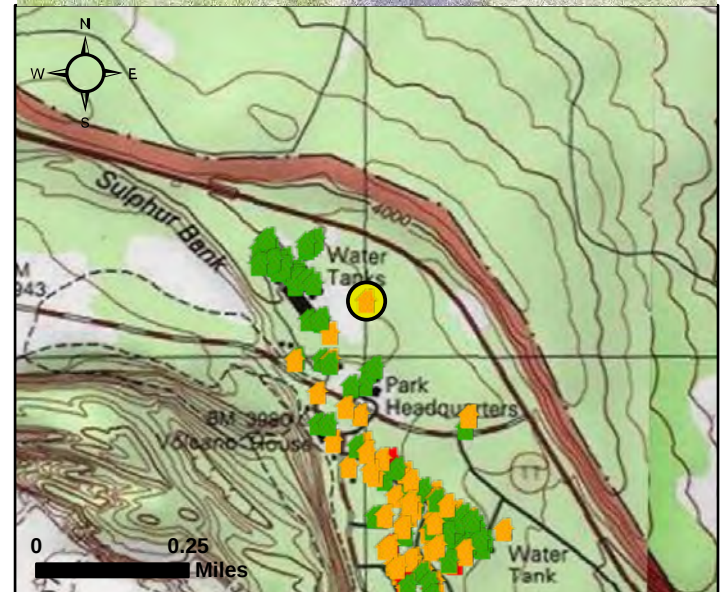
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: None

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: B331 Heavy Equipment Shop

Unit - Location: HAVO - HAVO HQ

FMSS ID: 22837, **Local ID:**

Structure Type, Use: Building, Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, November 17, 2021

Coordinates (DDM): 19° 25.54320000' N 155° 15.27480000' W

Rating: Moderate

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: Yes

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 120

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: Less than 30 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Wood or open sided

Foundation: Closed, Less than 6in masonry exposed

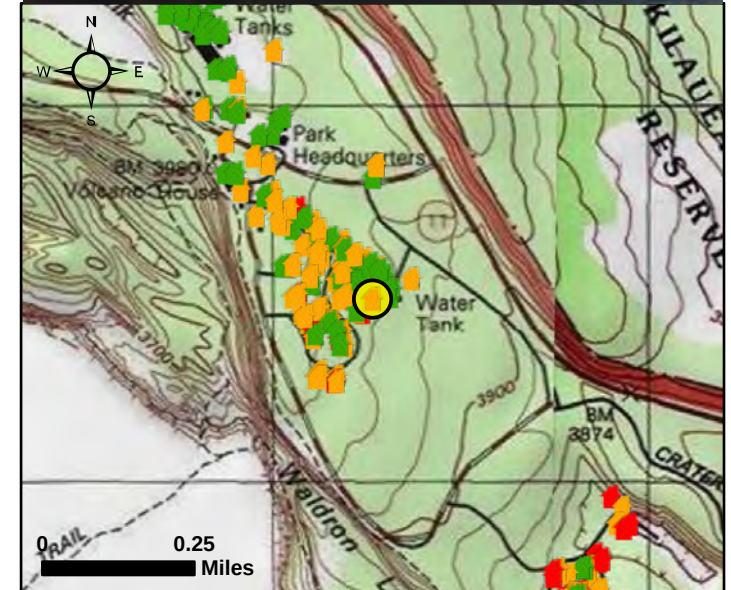
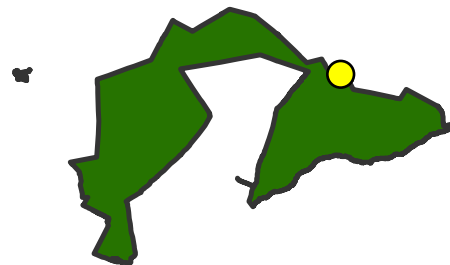
Firewood: Greater than 30 ft from facility

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: None

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: Art Gallery Restrooms

Unit - Location: HAVO - HAVO HQ

FMSS ID: 22581, **Local ID:**

Structure Type, Use: Toilet, Public

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, May 20, 2022

Coordinates (DDM): 19° 25.80900000' N 155° 15.48240000' W

Rating: Low

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: No

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 159

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Moderate

Defensible Space: 30 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Wood or open sided

Foundation: Open or deck

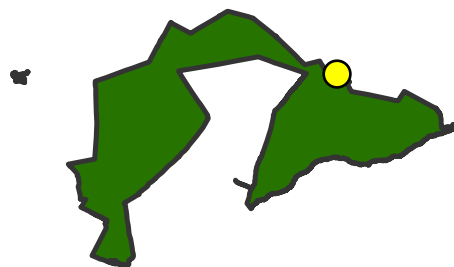
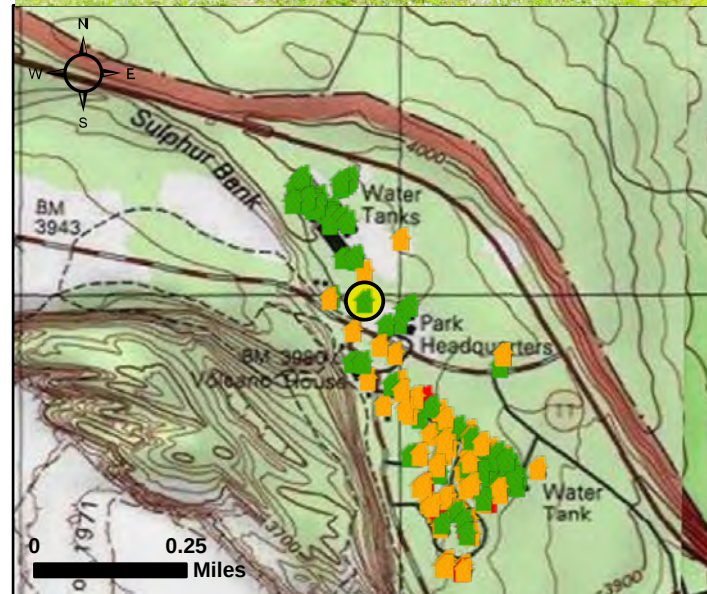
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: None

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: B338-Bughouse

Unit - Location: HAVO - HAVO HQ

FMSS ID: 33364, **Local ID:**

Structure Type, Use: Building, Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, June 24, 2021

Coordinates (DDM): 19° 25.12231494' N 155° 14.95674624' W

Rating: Low

ProtectionLevel: Not Designated,

Resources of Concern: Yes

Occupied: Yes

In Community: Yes, Maintenance/Admin Buildings

Revisit Interval: yrs

Map Label: 140

Primary Access: Road

Ingress Egress: 1 road in/out

Access Width: 1.5 lanes (Greater than 18')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: 100 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Wood or open sided

Foundation: Closed, 6in to 30in masonry exposed

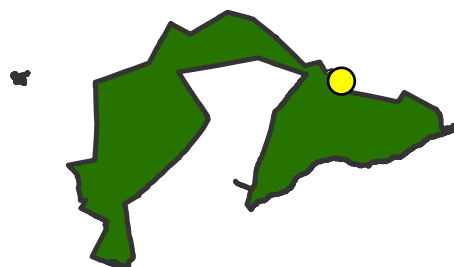
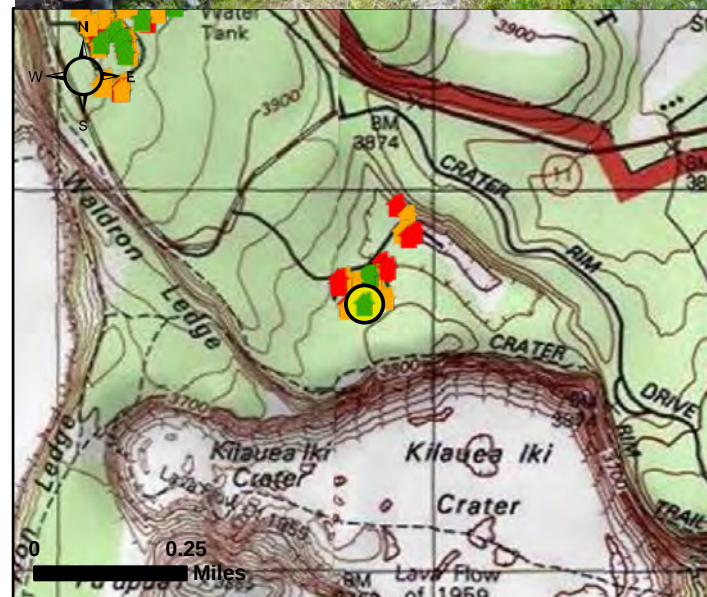
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: Present and fuels clearance

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: Bldg 11 Ohia Wing - Volcano House

Unit - Location: HAVO - HAVO HQ

FMSS ID: 22485, **Local ID:**

Structure Type, Use: Building, Public

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, May 20, 2022

Coordinates (DDM): 19° 25.74600000' N 155° 15.45780000' W

Rating: Moderate

ProtectionLevel: Not Designated,

Resources of Concern: Yes

Occupied: Yes

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 54

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: Less than 30 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Wood or open sided

Foundation: Closed, Greater than 30in masonry exposed or N/A

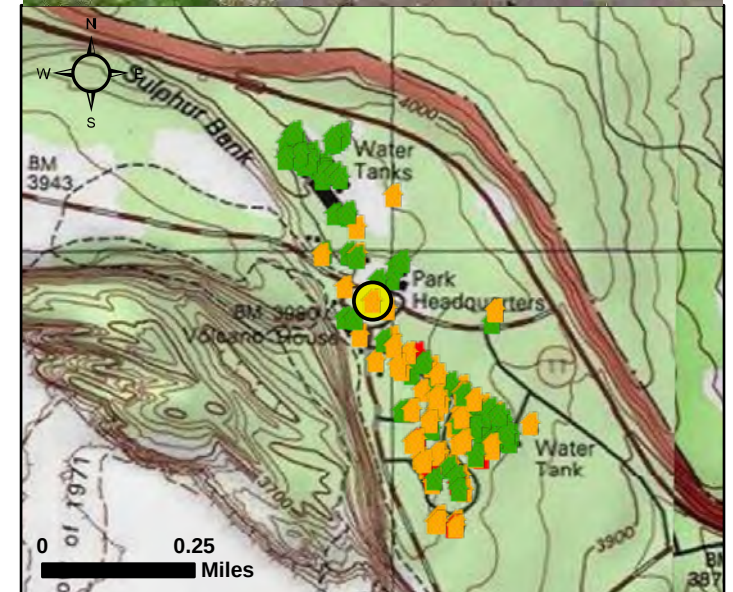
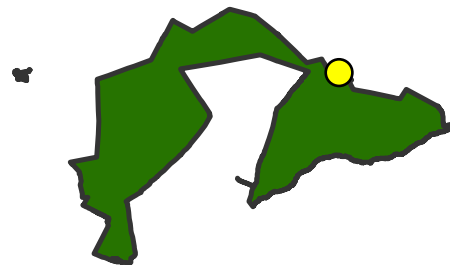
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: None

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: G172-Garage for Q3

Unit - Location: HAVO - HAVO HQ

FMSS ID: 22293, **Local ID:**

Structure Type, Use: Building, Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, February 26, 2021

Coordinates (DDM): 19° 25.64897124' N 155° 15.41154612' W

Rating: Moderate

ProtectionLevel: Not Designated,

Resources of Concern: No

Occupied: Yes

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 62

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: None or not clearly visible

Fuel Type: Shrub or timber

Fuel Load: Moderate

Defensible Space: No defensible space

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Wood or open sided

Foundation: Closed, 6in to 30in masonry exposed

Firewood: None

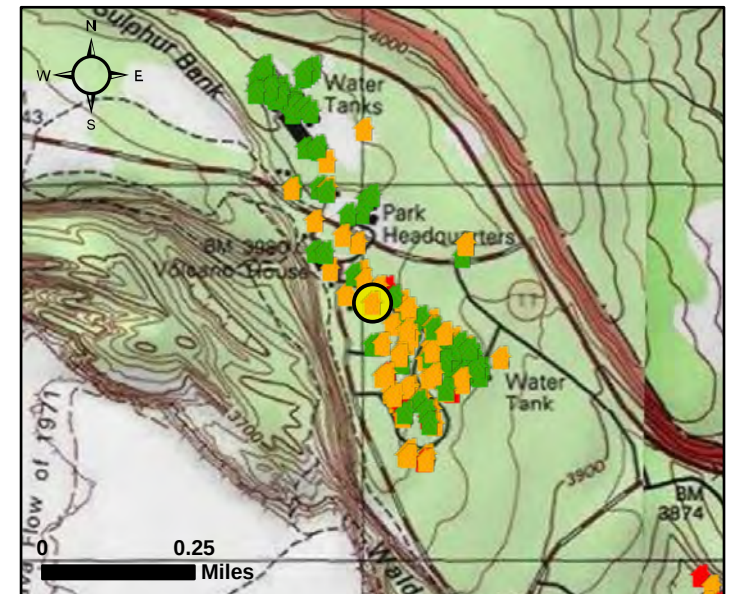
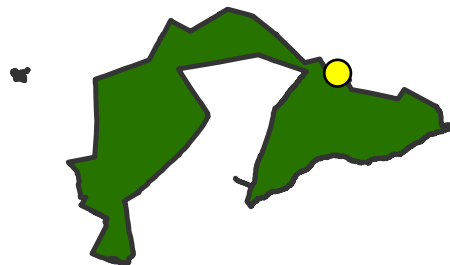
Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: Adjacent to facility and no fuels clearance

Overhead Hazards: Overhead hazards will limit aircraft

Comments: Created by RISD

NO PHOTO AVAILABLE





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: G46 Garage for Q5, Q15

Unit - Location: HAVO - HAVO HQ

FMSS ID: 22326, **Local ID:**

Structure Type, Use: Building, Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, February 26, 2021

Coordinates (DDM): 19° 25.69533654' N 155° 15.42781176' W

Rating: Moderate

ProtectionLevel: Not Designated,

Resources of Concern: No

Occupied: Yes

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 58

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: None or not clearly visible

Fuel Type: Shrub or timber

Fuel Load: Moderate

Defensible Space: No defensible space

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Wood or open sided

Foundation: Closed, Less than 6in masonry exposed

Firewood: None

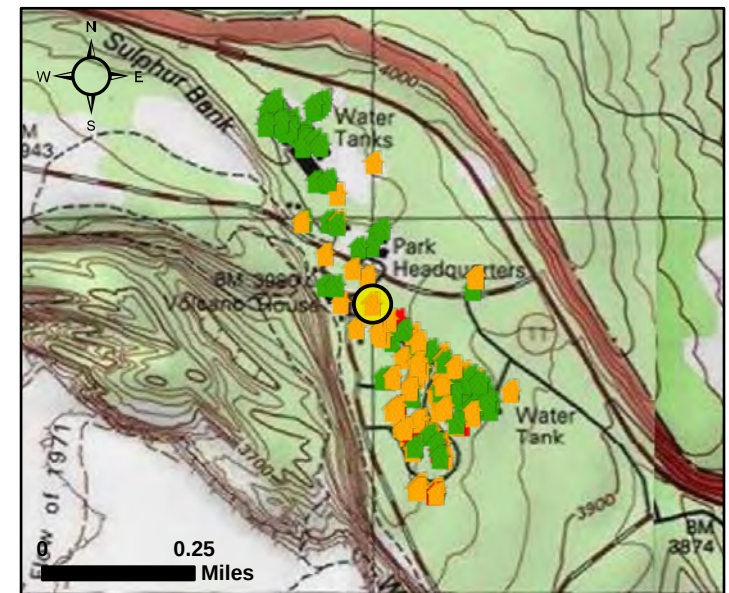
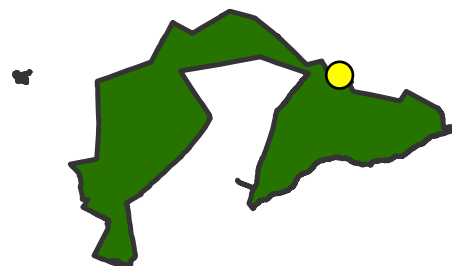
Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: Adjacent to facility and no fuels clearance

Overhead Hazards: Overhead hazards will limit aircraft

Comments: Created by RISD

NO PHOTO AVAILABLE





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: B15-HNHA office

Unit - Location: HAVO - HAVO HQ

FMSS ID: 22284, **Local ID:**

Structure Type, Use: Building, Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, February 26, 2021

Coordinates (DDM): 19° 25.69018056' N 155° 15.43996212' W

Rating: Low

ProtectionLevel: Not Designated,

Resources of Concern: No

Occupied: Yes

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 161

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: None or not clearly visible

Fuel Type: Shrub or timber

Fuel Load: Moderate

Defensible Space: 30 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Wood or open sided

Foundation: Closed, Greater than 30in masonry exposed or N/A

Firewood: None

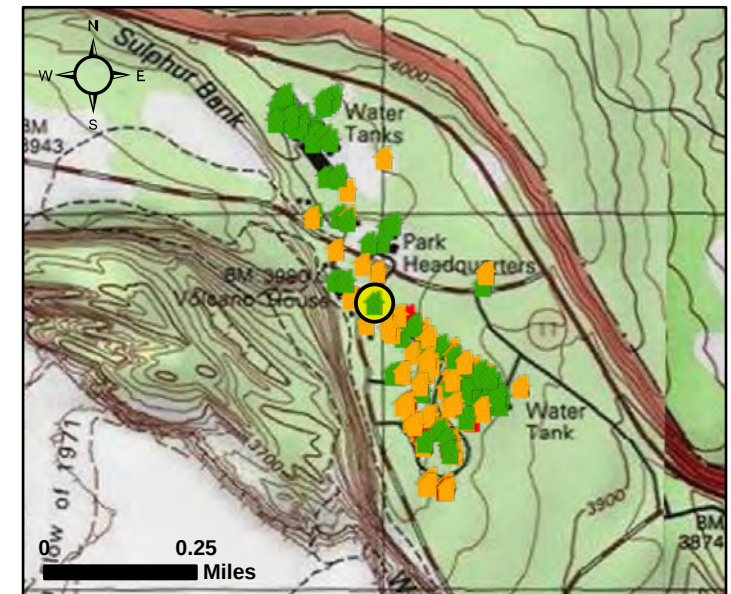
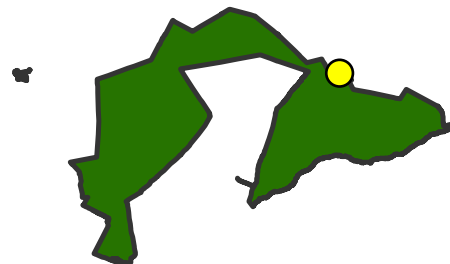
Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: None

Overhead Hazards: Overhead hazards will limit aircraft

Comments: Created by RISD

NO PHOTO AVAILABLE





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: B22 Office

Unit - Location: HAVO - HAVO HQ

FMSS ID: 22317, **Local ID:**

Structure Type, Use: Building, Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, February 26, 2021

Coordinates (DDM): 19° 25.67272260' N 155° 15.40241424' W

Rating: Moderate

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: Yes

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 164

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: Less than 30 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Wood or open sided

Foundation: Closed, Greater than 30in masonry exposed or N/A

Firewood: None

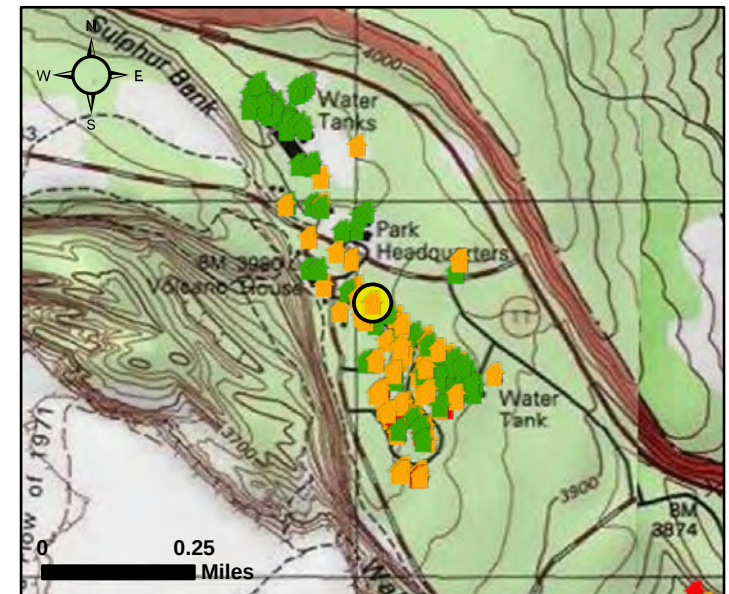
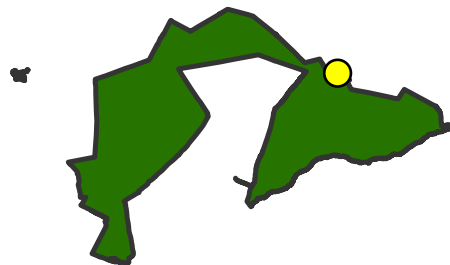
Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: Adjacent to facility and no fuels clearance

Overhead Hazards: Overhead hazards will limit aircraft

Comments: Created by RISD

NO PHOTO AVAILABLE





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: B3 landM Offices

Unit - Location: HAVO - HAVO HQ

FMSS ID: 22324, **Local ID:**

Structure Type, Use: Building, Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, February 26, 2021

Coordinates (DDM): 19° 25.65469134' N 155° 15.41834562' W

Rating: Moderate

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: Yes

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 61

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: None or not clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: Less than 30 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Wood or open sided

Foundation: Closed, 6in to 30in masonry exposed

Firewood: None

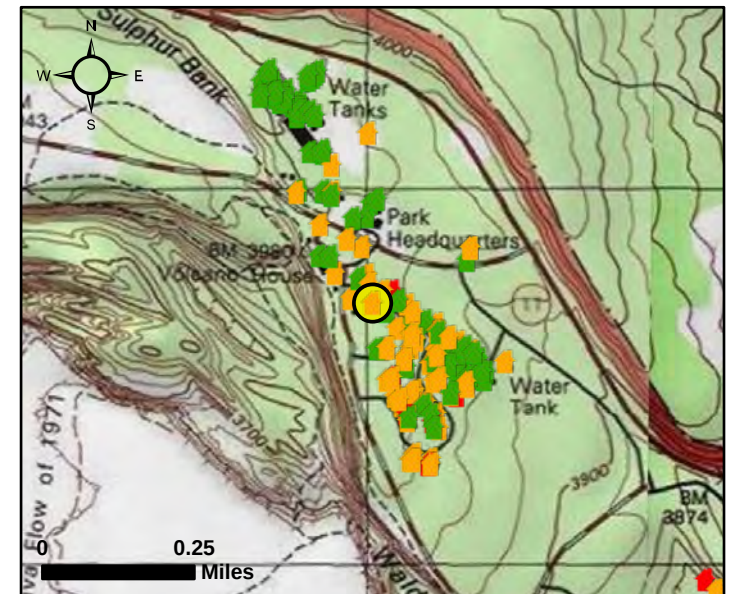
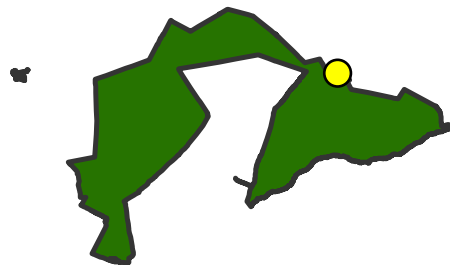
Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: Adjacent to facility and no fuels clearance

Overhead Hazards: Overhead hazards will limit aircraft

Comments: Created by RISD

NO PHOTO AVAILABLE





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: B5 Fee Office

Unit - Location: HAVO - HAVO HQ

FMSS ID: 22336, **Local ID:**

Structure Type, Use: Building, Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, February 26, 2021

Coordinates (DDM): 19° 25.68160164' N 155° 15.42436008' W

Rating: Moderate

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: Yes

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 59

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Moderate

Defensible Space: Less than 30 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Wood or open sided

Foundation: Closed, 6in to 30in masonry exposed

Firewood: None

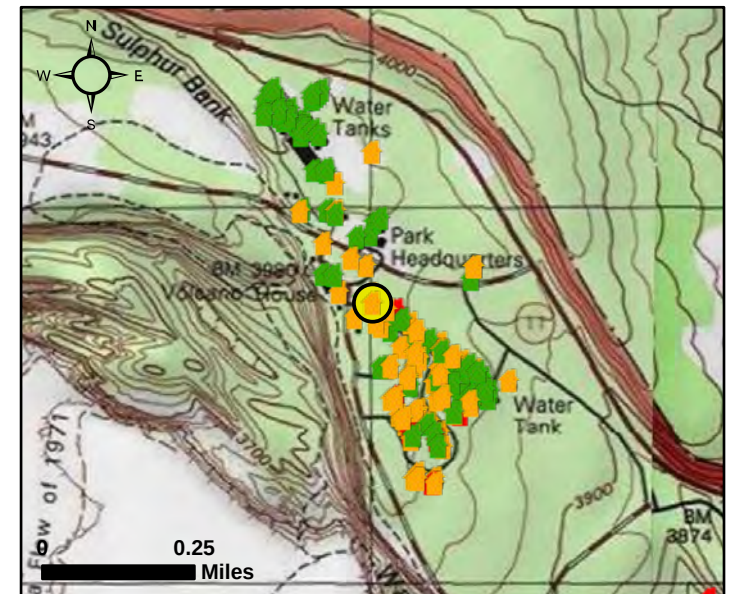
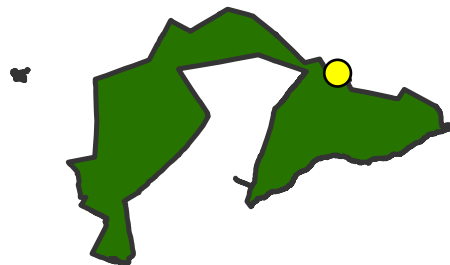
Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: Adjacent to facility and no fuels clearance

Overhead Hazards: Overhead hazards will limit aircraft

Comments: Created by RISD

NO PHOTO AVAILABLE





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: Propane Tank

Unit - Location: HAVO - HAVO HQ

FMSS ID: , **Local ID:**

Structure Type, Use: Propane Tank, Not a building

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, April 14, 2021

Coordinates (DDM): 19° 25.61152662' N 155° 15.35834388' W

Rating: Moderate

ProtectionLevel: Undesignated,

Resources of Concern: Unknown

Occupied: No

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 80

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: No defensible space

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Rock, concrete, metal

Foundation: Open or deck

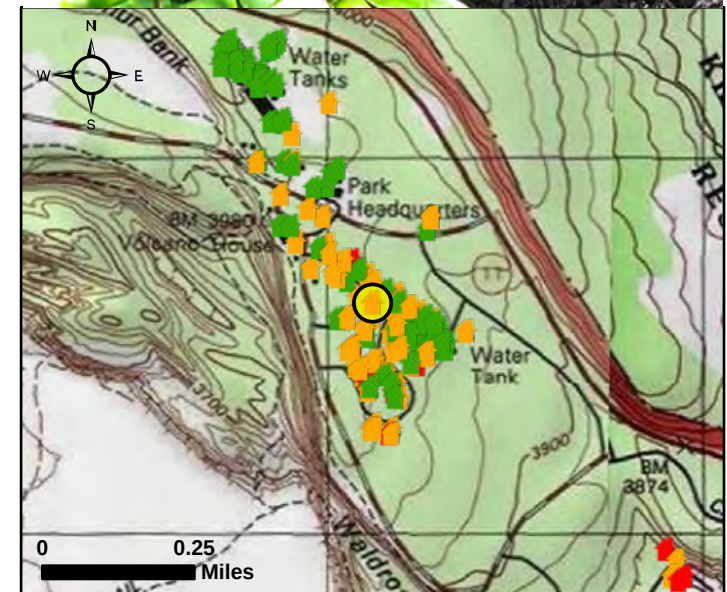
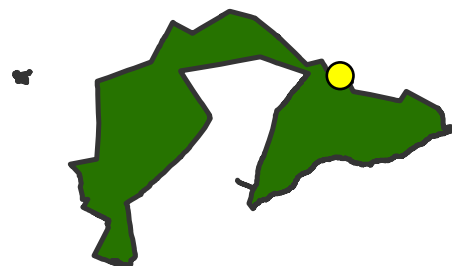
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: Present and little to no fuels clearance

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: Propane Tank

Unit - Location: HAVO - HAVO HQ

FMSS ID: Unknown, **Local ID:**

Structure Type, Use: Propane Tank, Not a building

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, April 14, 2021

Coordinates (DDM): 19° 25.57442532' N 155° 15.36915864' W

Rating: Moderate

ProtectionLevel: Undesignated,

Resources of Concern: Unknown

Occupied: No

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 72

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: No defensible space

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Rock, concrete, metal

Foundation: Closed, Greater than 30in masonry exposed or N/A

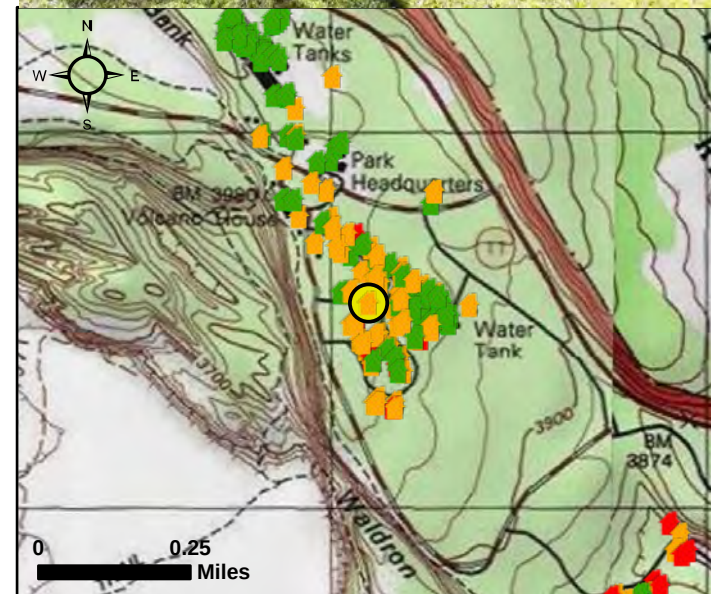
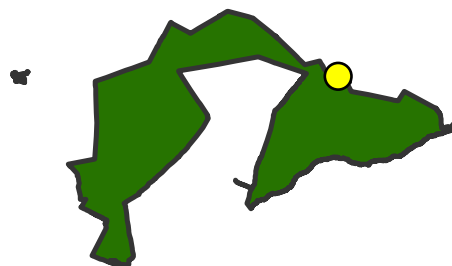
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: Present and little to no fuels clearance

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: Propane Tank

Unit - Location: HAVO - HAVO HQ

FMSS ID: Unknown, **Local ID:**

Structure Type, Use: Propane Tank, Not a building

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, April 14, 2021

Coordinates (DDM): 19° 25.57358268' N 155° 15.32310354' W

Rating: Low

ProtectionLevel: Undesignated,

Resources of Concern: Unknown

Occupied: No

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 98

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: 30 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Rock, concrete, metal

Foundation: Closed, Greater than 30in masonry exposed or N/A

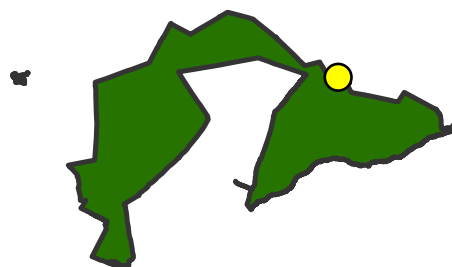
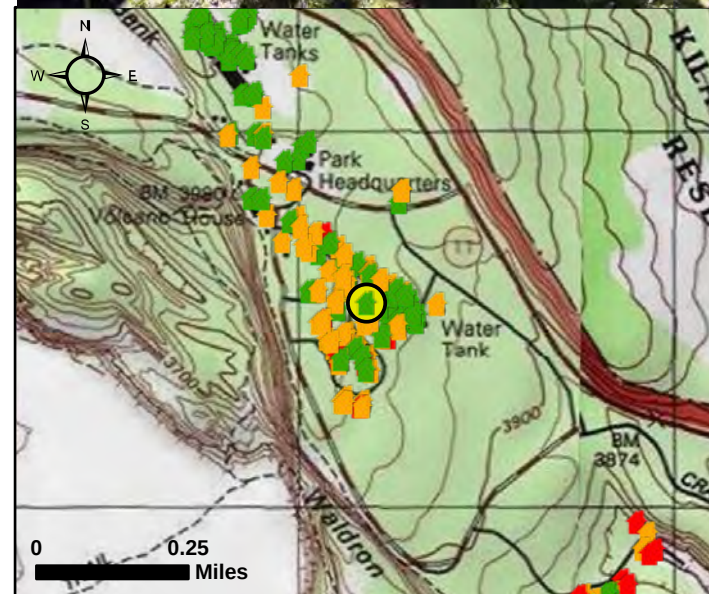
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: Present and little to no fuels clearance

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: Propane Tank

Unit - Location: HAVO - HAVO HQ

FMSS ID: Unknown, **Local ID:**

Structure Type, Use: Building, Not a building

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, April 14, 2021

Coordinates (DDM): 19° 25.58111304' N 155° 15.32025000' W

Rating: Moderate

ProtectionLevel: Undesignated,

Resources of Concern: Unknown

Occupied: No

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 100

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: No defensible space

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Rock, concrete, metal

Foundation: Closed, Greater than 30in masonry exposed or N/A

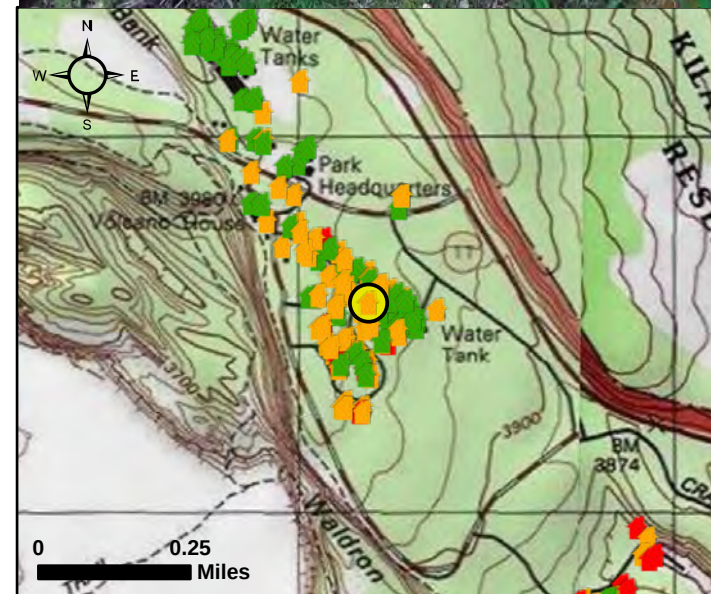
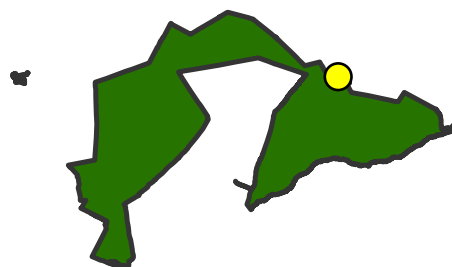
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: Present and little to no fuels clearance

Overhead Hazards: Overhead hazards will limit aircraft

Comments:





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: Propane Tank

Unit - Location: HAVO - HAVO HQ

FMSS ID: Unknown, **Local ID:**

Structure Type, Use: Building, Not a building

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, April 14, 2021

Coordinates (DDM): 19° 25.61444730' N 155° 15.31817418' W

Rating: Low

ProtectionLevel: Undesignated,

Resources of Concern: Unknown

Occupied: No

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 101

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: Less than 30 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Not applicable

Foundation: Closed, Greater than 30in masonry exposed or N/A

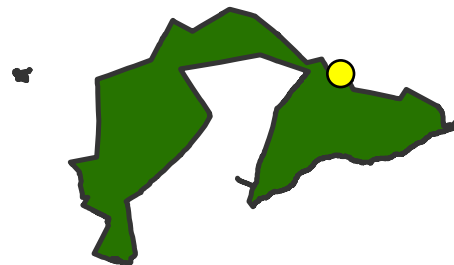
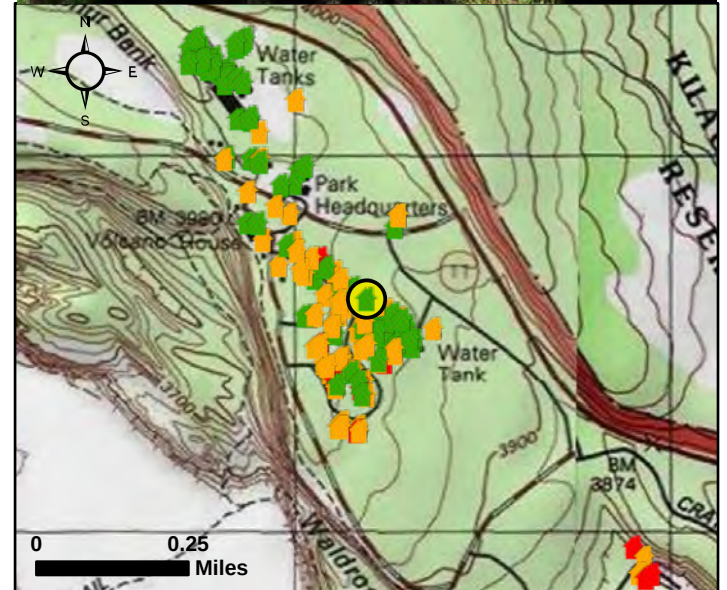
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: Present and fuels clearance

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: Propane Tank

Unit - Location: HAVO - HAVO HQ

FMSS ID: Unknown, **Local ID:**

Structure Type, Use: Propane Tank, Not a building

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, April 14, 2021

Coordinates (DDM): 19° 25.52838300' N 155° 15.35755500' W

Rating: Moderate

ProtectionLevel: Undesignated,

Resources of Concern: Unknown

Occupied: No

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 81

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: No defensible space

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Rock, concrete, metal

Foundation: Closed, Greater than 30in masonry exposed or N/A

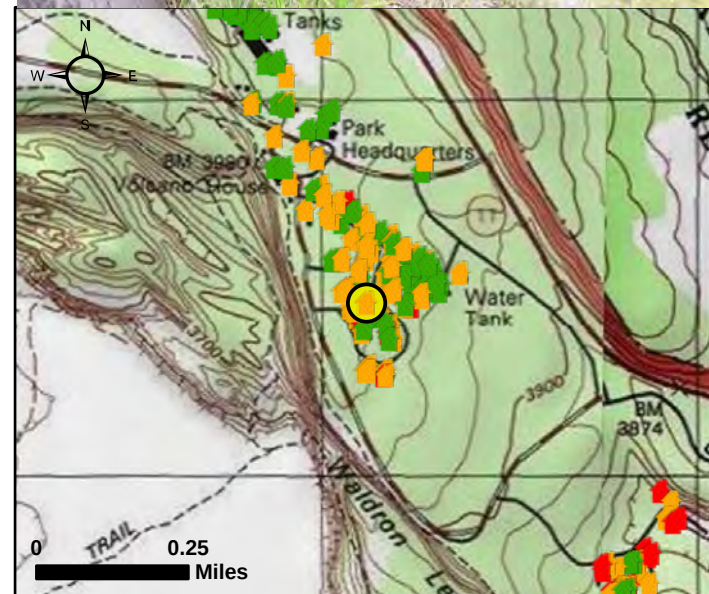
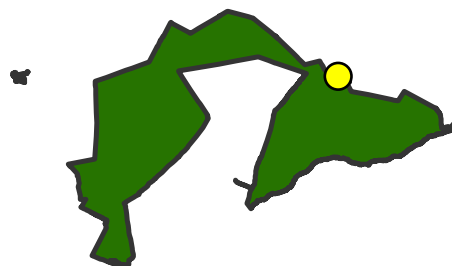
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: Present and little to no fuels clearance

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: Propane Tank

Unit - Location: HAVO - HAVO HQ

FMSS ID: Unknown, **Local ID:**

Structure Type, Use: Propane Tank, Not a building

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, April 14, 2021

Coordinates (DDM): 19° 25.50921702' N 155° 15.33853398' W

Rating: Low

ProtectionLevel: Undesignated,

Resources of Concern: Unknown

Occupied: No

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 90

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: 30 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Rock, concrete, metal

Foundation: Closed, Greater than 30in masonry exposed or N/A

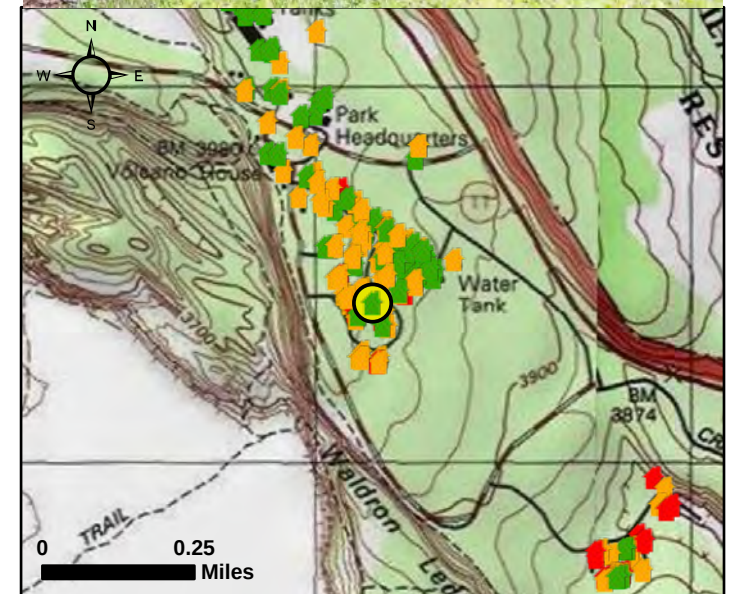
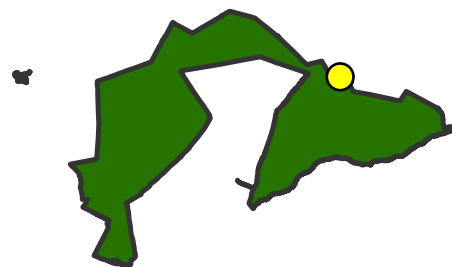
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: Present and little to no fuels clearance

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: Propane Tank

Unit - Location: HAVO - HAVO HQ

FMSS ID: Unknown, **Local ID:**

Structure Type, Use: Propane Tank, Not a building

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, April 14, 2021

Coordinates (DDM): 19° 25.52701500' N 155° 15.29884500' W

Rating: Low

ProtectionLevel: Undesignated,

Resources of Concern: Unknown

Occupied: No

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 108

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: 30 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Rock, concrete, metal

Foundation: Closed, Greater than 30in masonry exposed or N/A

Firewood: None

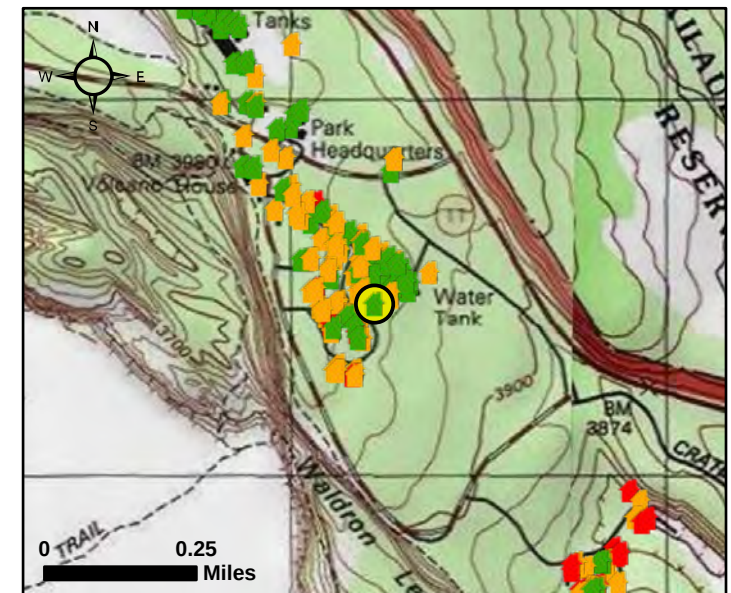
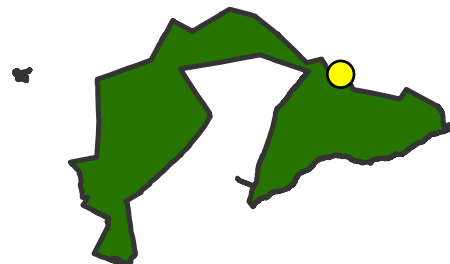
Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: Present and little to no fuels clearance

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire

NO PHOTO AVAILABLE





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: Propane Tank

Unit - Location: HAVO - HAVO HQ

FMSS ID: Unknown, **Local ID:**

Structure Type, Use: Propane Tank, Not a building

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, April 14, 2021

Coordinates (DDM): 19° 25.54931232' N 155° 15.31650204' W

Rating: Moderate

ProtectionLevel: Undesignated,

Resources of Concern: Unknown

Occupied: No

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 103

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: No defensible space

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Rock, concrete, metal

Foundation: Closed, Greater than 30in masonry exposed or N/A

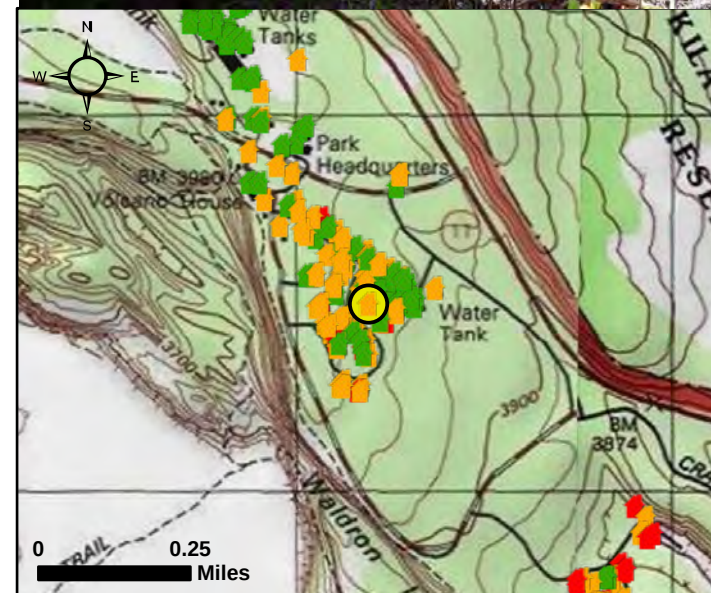
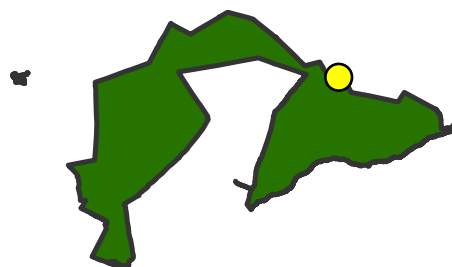
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: Present and little to no fuels clearance

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: Propane Tank

Unit - Location: HAVO - HAVO HQ

FMSS ID: Unknown, **Local ID:**

Structure Type, Use: Propane Tank, Not a building

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, April 14, 2021

Coordinates (DDM): 19° 25.49589018' N 155° 15.32707830' W

Rating: Low

ProtectionLevel: Undesignated,

Resources of Concern: Unknown

Occupied: No

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 171

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: 30 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Rock, concrete, metal

Foundation: Closed, Greater than 30in masonry exposed or N/A

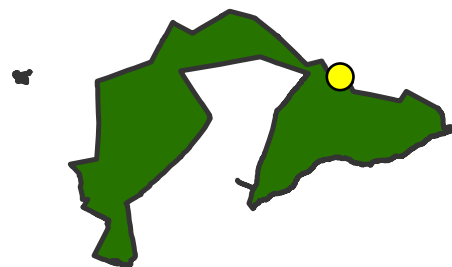
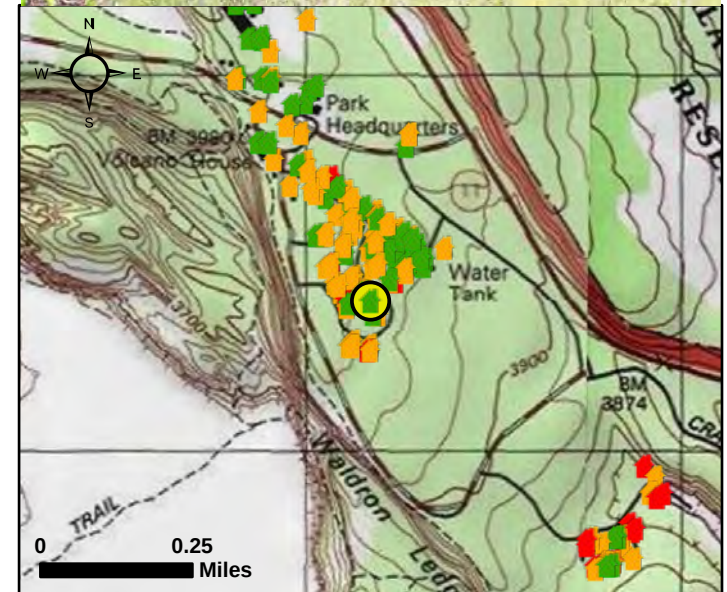
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: Present and little to no fuels clearance

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: Propane Tank

Unit - Location: HAVO - HAVO HQ

FMSS ID: Unknown, **Local ID:**

Structure Type, Use: Propane Tank, Not a building

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, April 14, 2021

Coordinates (DDM): 19° 25.47768042' N 155° 15.32311074' W

Rating: Low

ProtectionLevel: Undesignated,

Resources of Concern: Unknown

Occupied: No

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 173

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: 30 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Rock, concrete, metal

Foundation: Closed, Greater than 30in masonry exposed or N/A

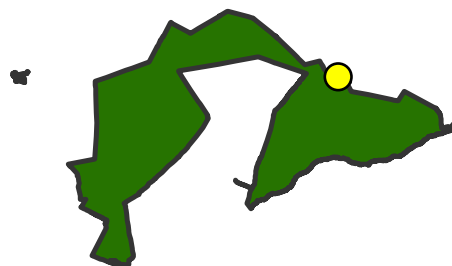
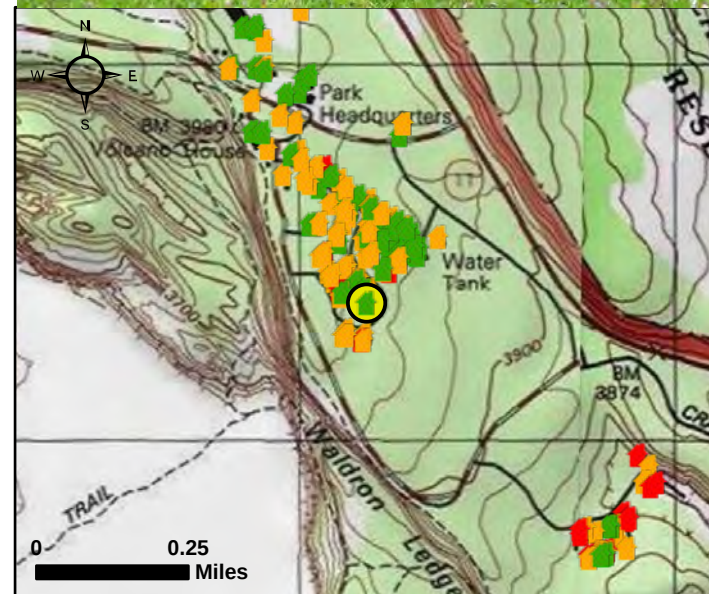
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: Present and little to no fuels clearance

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: Propane Tank

Unit - Location: HAVO - HAVO HQ

FMSS ID: Unknown, **Local ID:**

Structure Type, Use: Propane Tank, Not a building

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, April 14, 2021

Coordinates (DDM): 19° 25.42502604' N 155° 15.32749200' W

Rating: Moderate

ProtectionLevel: Undesignated,

Resources of Concern: Unknown

Occupied: No

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 170

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: No defensible space

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Rock, concrete, metal

Foundation: Open or deck

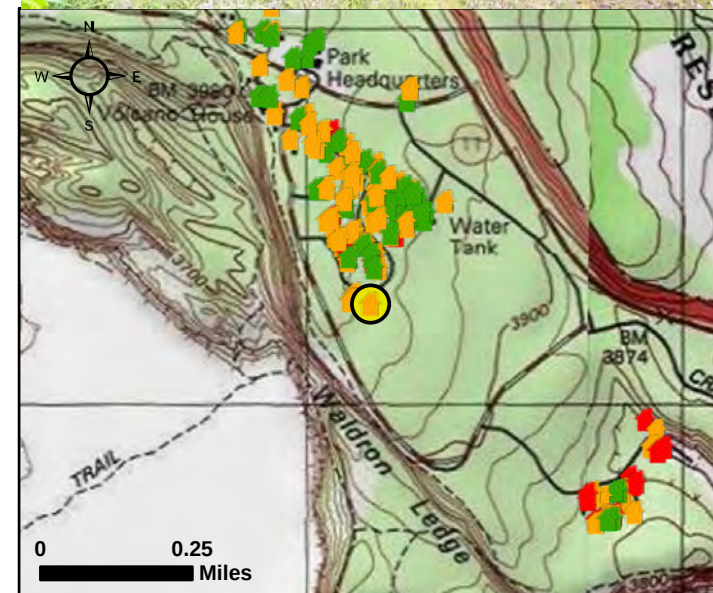
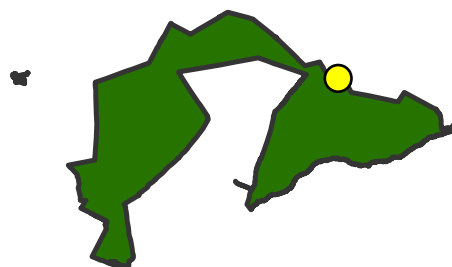
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: Present and little to no fuels clearance

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: Propane Tank

Unit - Location: HAVO - HAVO HQ

FMSS ID: Unknown, **Local ID:**

Structure Type, Use: Propane Tank, Not a building

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, April 14, 2021

Coordinates (DDM): 19° 25.43068998' N 155° 15.35400600' W

Rating: Moderate

ProtectionLevel: Undesignated,

Resources of Concern: Unknown

Occupied: No

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 83

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: No defensible space

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Rock, concrete, metal

Foundation: Closed, Greater than 30in masonry exposed or N/A

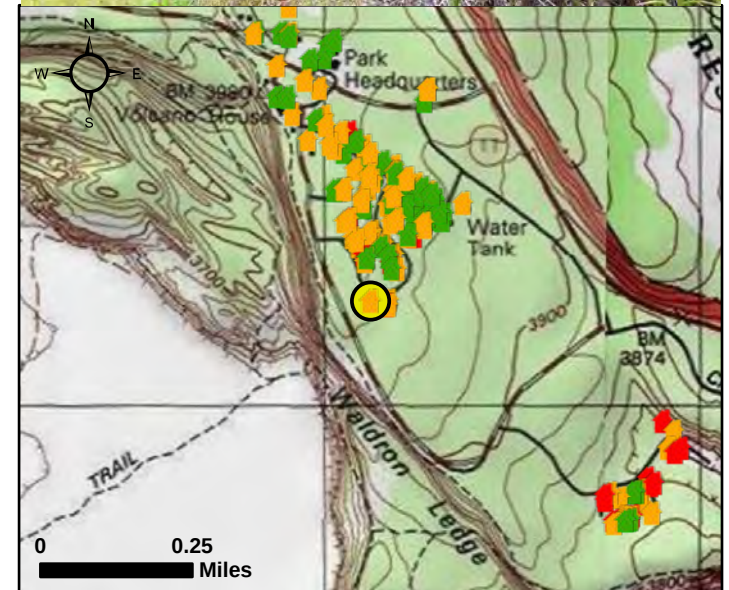
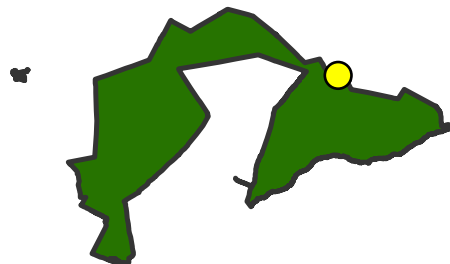
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: Present and little to no fuels clearance

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: Q193-BRD Dorm

Unit - Location: HAVO - HAVO HQ

FMSS ID: Unknown, **Local ID:**

Structure Type, Use: Propane Tank, Not a building

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, May 4, 2021

Coordinates (DDM): 19° 25.49297418' N 155° 15.36058332' W

Rating: Low

ProtectionLevel: Undesignated,

Resources of Concern: Unknown

Occupied: No

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 78

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: 30 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Rock, concrete, metal

Foundation: Closed, Greater than 30in masonry exposed or N/A

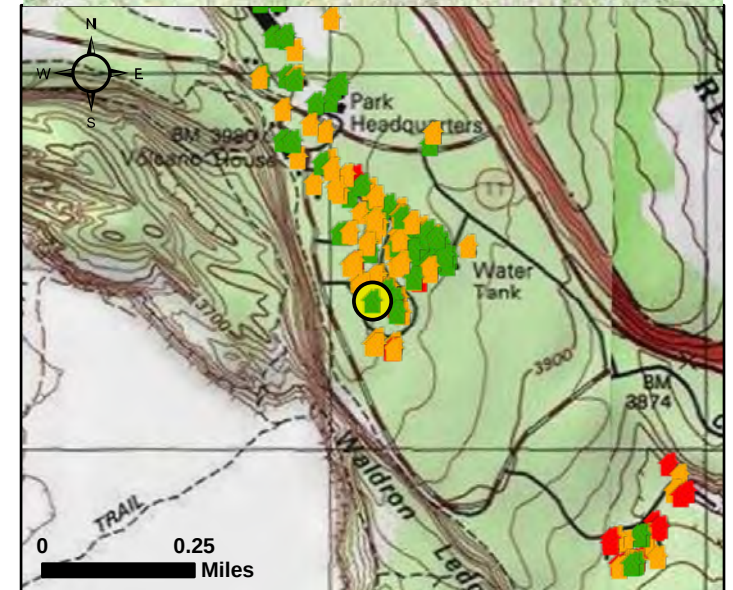
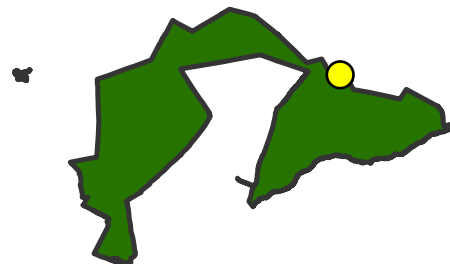
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: Present and little to no fuels clearance

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: Propane tank

Unit - Location: HAVO - HAVO HQ

FMSS ID: Unknown, **Local ID:**

Structure Type, Use: Building, Not a building

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, May 4, 2021

Coordinates (DDM): 19° 25.51770792' N 155° 15.37644840' W

Rating: Moderate

ProtectionLevel: Undesignated,

Resources of Concern: Unknown

Occupied: No

In Community: Yes,

Revisit Interval: 5 yrs

Map Label: 70

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: No defensible space

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Rock, concrete, metal

Foundation: Closed, Greater than 30in masonry exposed or N/A

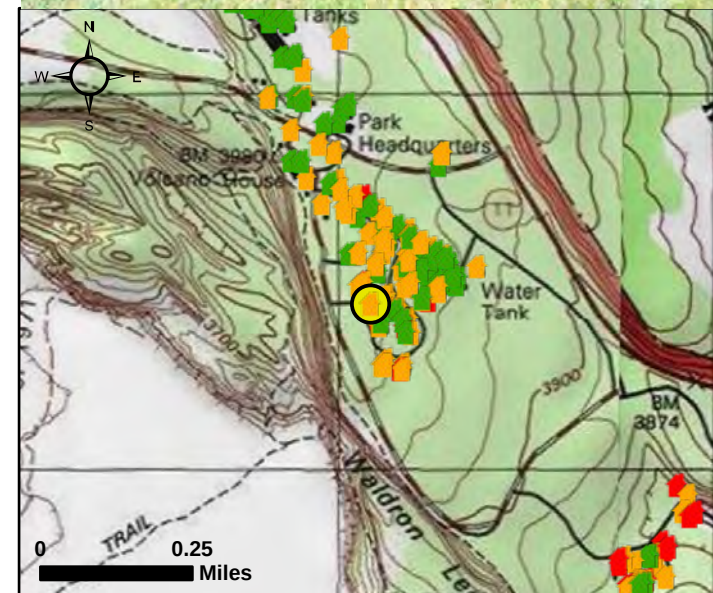
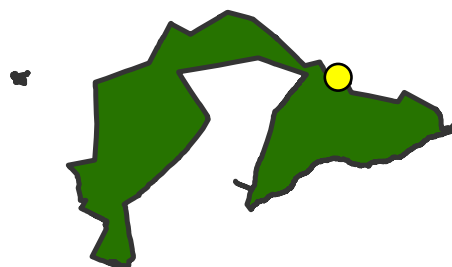
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: Present and little to no fuels clearance

Overhead Hazards: No overhead hazards

Comments:





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: Propane tank

Unit - Location: HAVO - HAVO HQ

FMSS ID: Unknown, **Local ID:**

Structure Type, Use: Building, Not a building

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, May 4, 2021

Coordinates (DDM): 19° 25.54829034' N 155° 15.38803782' W

Rating: Moderate

ProtectionLevel: Undesignated,

Resources of Concern: Unknown

Occupied: No

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 167

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: None or not clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: No defensible space

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Rock, concrete, metal

Foundation: Closed, Greater than 30in masonry exposed or N/A

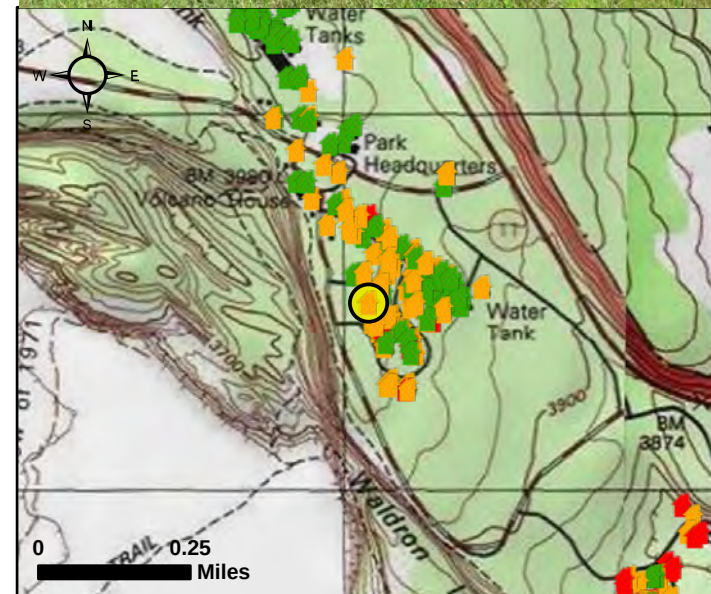
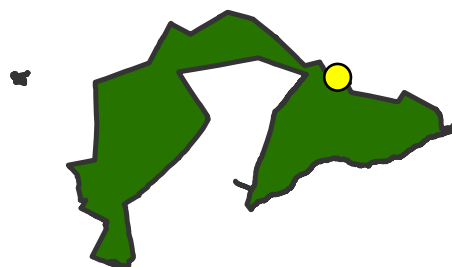
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: Present and fuels clearance

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: Propane tank

Unit - Location: HAVO - HAVO HQ

FMSS ID: Unknown, **Local ID:**

Structure Type, Use: Building, Not a building

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, May 4, 2021

Coordinates (DDM): 19° 25.59126132' N 155° 15.39593478' W

Rating: Moderate

ProtectionLevel: Undesignated,

Resources of Concern: Unknown

Occupied: No

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 165

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Greater than 300 ft with turnaround

Access and Turnarounds: Greater than 300 ft with turnaround

Facility Number or Sign: None or not clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: No defensible space

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Rock, concrete, metal

Foundation: Closed, Greater than 30in masonry exposed or N/A

Firewood: None

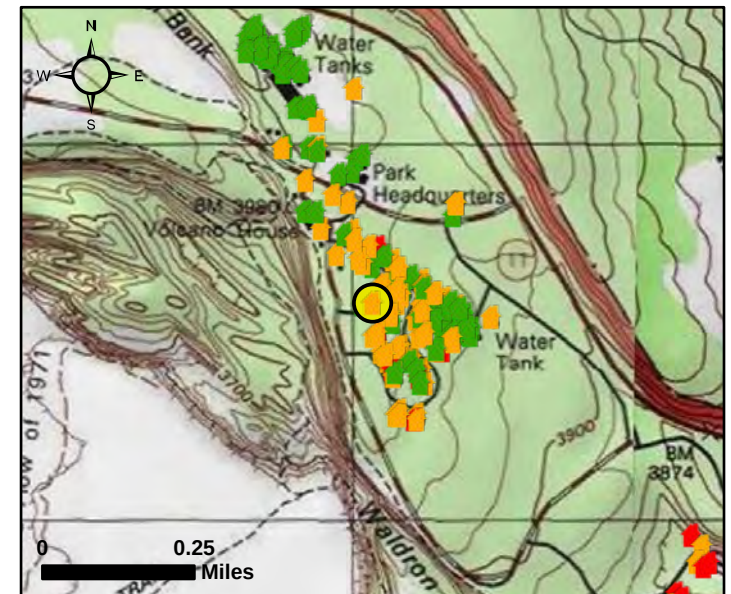
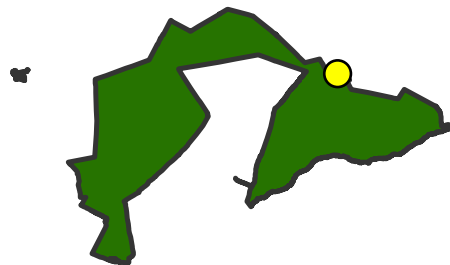
Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: Present and little to no fuels clearance

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire

NO PHOTO AVAILABLE





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: Flammables Shed for B34

Unit - Location: HAVO - HAVO HQ

FMSS ID: , **Local ID:**

Structure Type, Use: Building, Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, May 6, 2021

Coordinates (DDM): 19° 25.16009004' N 155° 14.98854102' W

Rating: Moderate

ProtectionLevel: Undesignated,

Resources of Concern: Unknown

Occupied: No

In Community: Yes,

Revisit Interval: yrs

Map Label: 132

Primary Access: Road

Ingress Egress: 1 road in/out

Access Width: 1.5 lanes (Greater than 18')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: No defensible space

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Rock, concrete, metal

Foundation: Closed, Greater than 30in masonry exposed or N/A

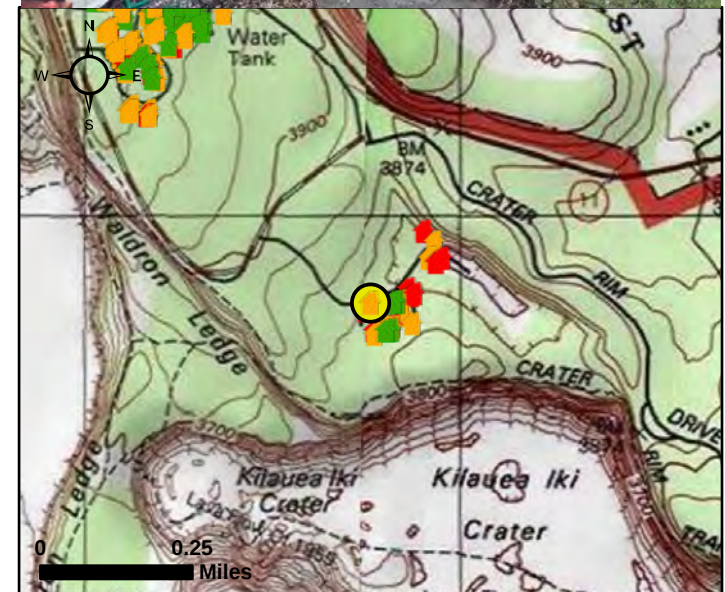
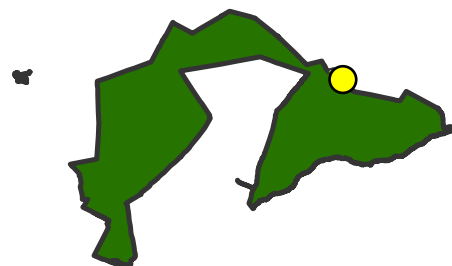
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: None

Overhead Hazards: Overhead hazards will limit aircraft

Comments:





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: Shed for B34

Unit - Location: HAVO - HAVO HQ

FMSS ID: , **Local ID:**

Structure Type, Use: Building, Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, May 6, 2021

Coordinates (DDM): 19° 25.15725132' N 155° 14.99572818' W

Rating: High

ProtectionLevel: Undesignated,

Resources of Concern: Unknown

Occupied: Yes

In Community: Yes,

Revisit Interval: yrs

Map Label: 130

Primary Access: Road

Ingress Egress: 1 road in/out

Access Width: 1.5 lanes (Greater than 18')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: None or not clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: No defensible space

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Wood or open sided

Foundation: Closed, Less than 6in masonry exposed

Firewood: None

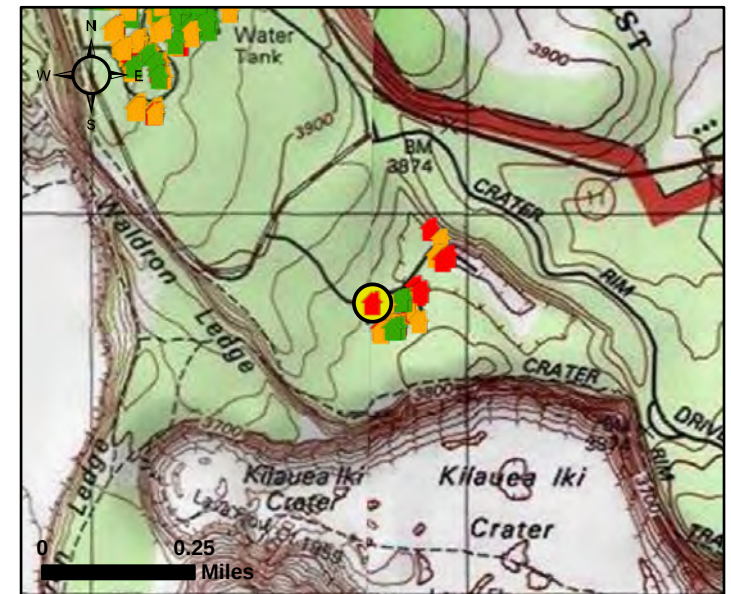
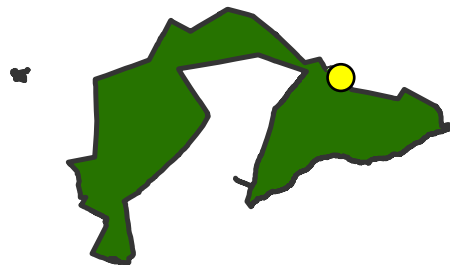
Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: None

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire

NO PHOTO AVAILABLE





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: Propane tank

Unit - Location: HAVO - HAVO HQ

FMSS ID: , **Local ID:**

Structure Type, Use: Building, Not a building

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, May 6, 2021

Coordinates (DDM): 19° 25.17471030' N 155° 14.92232526' W

Rating: High

ProtectionLevel: Undesignated,

Resources of Concern: Unknown

Occupied: No

In Community: Yes,

Revisit Interval: yrs

Map Label: 148

Primary Access: Road

Ingress Egress: 1 road in/out

Access Width: 1.5 lanes (Greater than 18')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: None or not clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: No defensible space

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Not applicable

Foundation: Open or deck

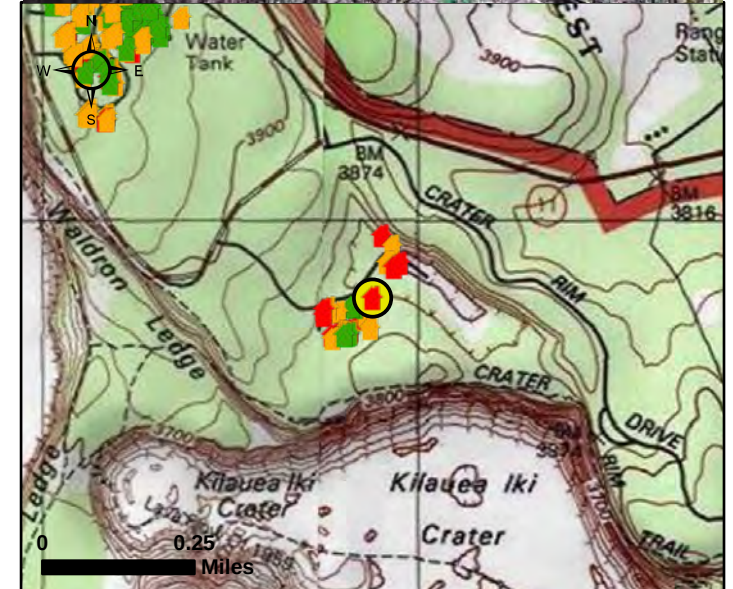
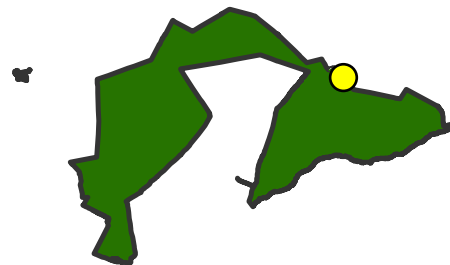
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: Present and little to no fuels clearance

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: RM Greenhouse Mauna Loa House

Unit - Location: HAVO - HAVO HQ

FMSS ID: , **Local ID:**

Structure Type, Use: Other, Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, June 24, 2021

Coordinates (DDM): 19° 25.11619476' N 155° 14.98220004' W

Rating: Moderate

ProtectionLevel: Undesignated,

Resources of Concern: Unknown

Occupied: Yes

In Community: Yes, Maintenance/Admin Buildings

Revisit Interval: yrs

Map Label: 134

Primary Access: Road

Ingress Egress: 1 road in/out

Access Width: 1.5 lanes (Greater than 18')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: None or not clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: Less than 30 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Rock, concrete, metal

Foundation: Open or deck

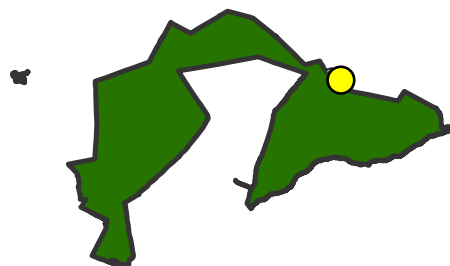
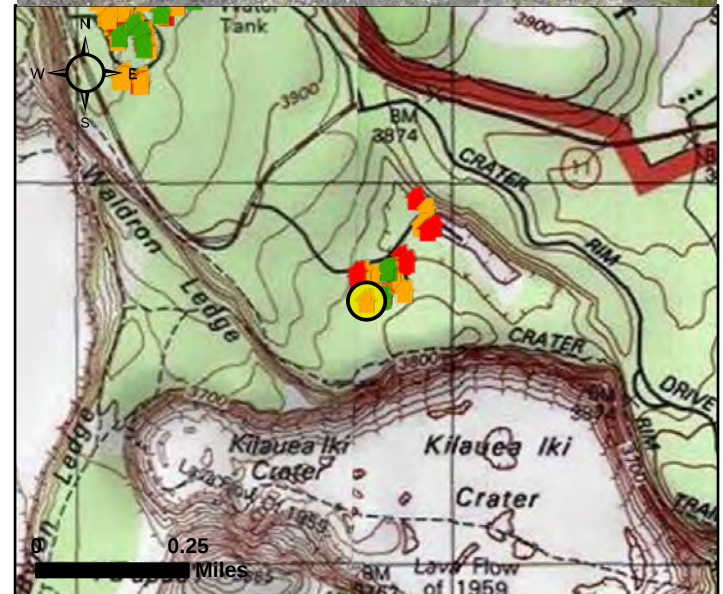
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: None

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: RM Greenhouse Main House

Unit - Location: HAVO - HAVO HQ

FMSS ID: , **Local ID:**

Structure Type, Use: Building, Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, June 24, 2021

Coordinates (DDM): 19° 25.12107468' N 155° 14.96428890' W

Rating: Low

ProtectionLevel: Undesignated,

Resources of Concern: Unknown

Occupied: Yes

In Community: Yes, Maintenance/Admin Buildings

Revisit Interval: yrs

Map Label: 137

Primary Access: Road

Ingress Egress: 1 road in/out

Access Width: 1.5 lanes (Greater than 18')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: None or not clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: 100 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Rock, concrete, metal

Foundation: Open or deck

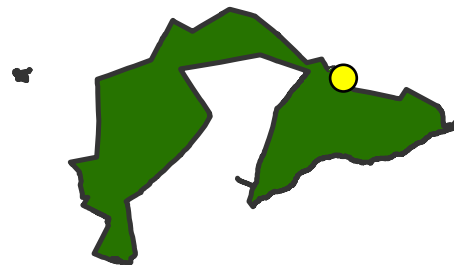
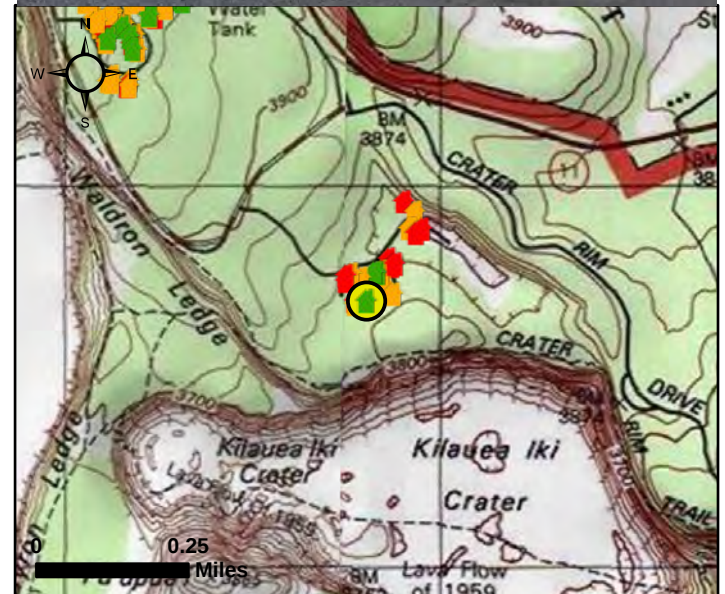
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: None

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: RM Greenhouse Dry House North

Unit - Location: HAVO - HAVO HQ

FMSS ID: , **Local ID:**

Structure Type, Use: Building, Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire , June 24, 2021

Coordinates (DDM): 19° 25.24967682' N 155° 14.89313052' W

Rating: Moderate

ProtectionLevel: Undesignated,

Resources of Concern: Unknown

Occupied: Yes

In Community: Yes, Maintenance/Admin Buildings

Revisit Interval: yrs

Map Label: 186

Primary Access: Road

Ingress Egress: 1 road in/out

Access Width: 1.5 lanes (Greater than 18')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Greater than 300 ft with turnaround

Access and Turnarounds: Greater than 300 ft with turnaround

Facility Number or Sign: None or not clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: Less than 30 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Rock, concrete, metal

Foundation: Open or deck

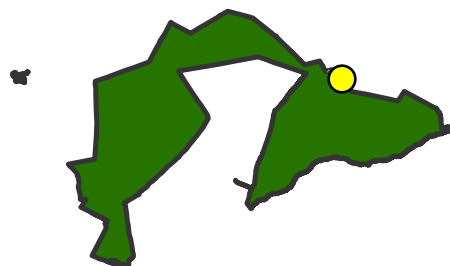
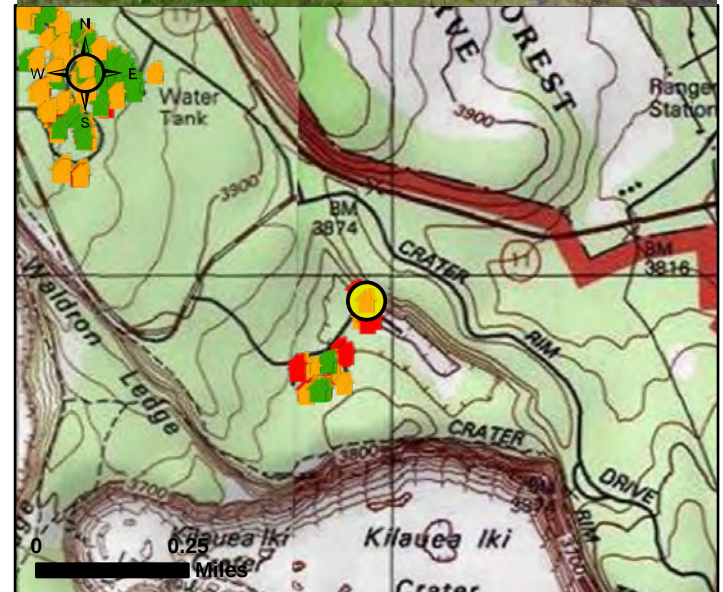
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: None

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: RM Greenhouse Dry House South

Unit - Location: HAVO - HAVO HQ

FMSS ID: , **Local ID:**

Structure Type, Use: Building, Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire , June 28, 2021

Coordinates (DDM): 19° 25.22599098' N 155° 14.90129898' W

Rating: Moderate

ProtectionLevel: Undesignated,

Resources of Concern: Unknown

Occupied: Yes

In Community: Yes, Maintenance/Admin Buildings

Revisit Interval: yrs

Map Label: 149

Primary Access: Road

Ingress Egress: 1 road in/out

Access Width: 1 lane (Less than 18')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Greater than 300 ft with turnaround

Access and Turnarounds: Greater than 300 ft with turnaround

Facility Number or Sign: None or not clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: Less than 30 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Rock, concrete, metal

Foundation: Open or deck

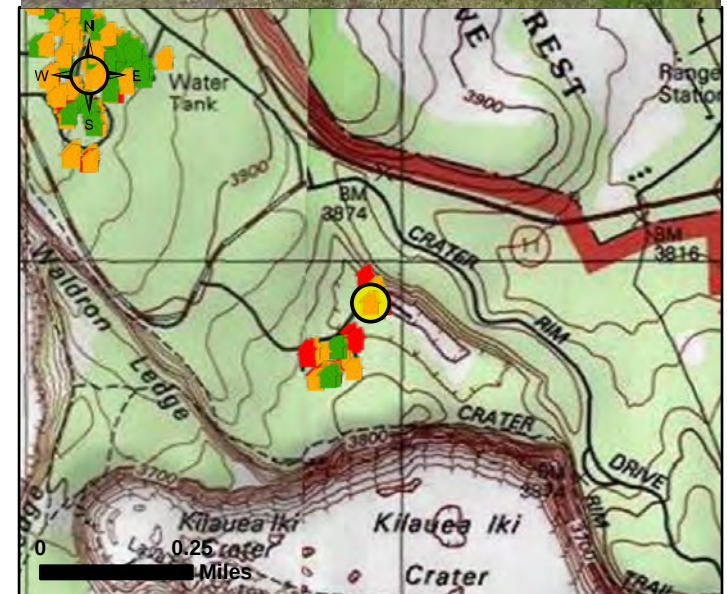
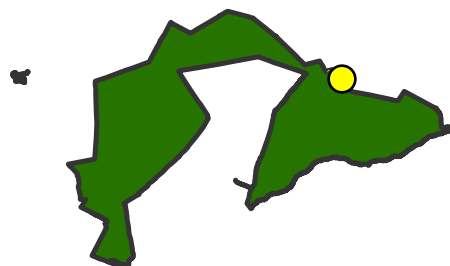
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: None

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: RM Greenhouse Dry House Storage House

Unit - Location: HAVO - HAVO HQ

FMSS ID: , **Local ID:**

Structure Type, Use: Building, Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire , June 28, 2021

Coordinates (DDM): 19° 25.21985298' N 155° 14.89057296' W

Rating: High

Protection Level: Undesignated,

Resources of Concern: Unknown

Occupied: No

In Community: Yes, Maintenance/Admin Buildings

Revisit Interval: yrs

Map Label: 187

Primary Access: Road

Ingress Egress: 1 road in/out

Access Width: 1 lane (Less than 18')

Access Condition: Surfaced-paved, grade Less than 5%

Bridge Condition: Greater than 300 ft with turnaround

Access and Turnarounds: Greater than 300 ft with turnaround

Facility Number or Sign: None or not clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: No defensible space

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Rock, concrete, metal

Foundation: Open or deck

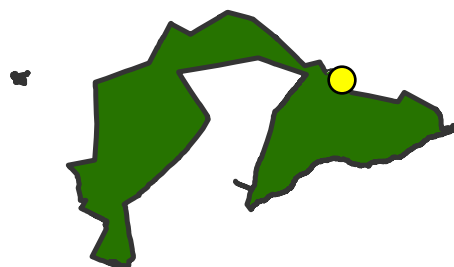
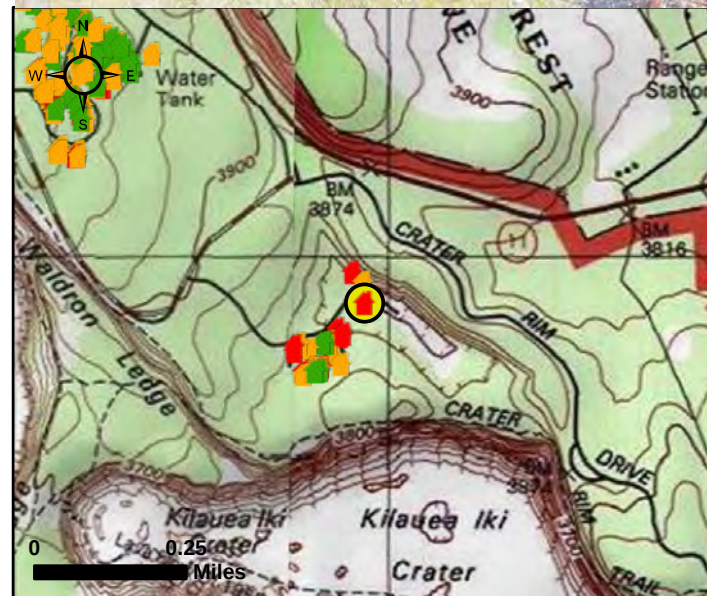
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: None

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: RM Greenhouse Dry House Shed

Unit - Location: HAVO - HAVO HQ

FMSS ID: Unknown, **Local ID:**

Structure Type, Use: Building, Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire , June 28, 2021

Coordinates (DDM): 19° 25.22569596' N 155° 14.88174108' W

Rating: High

ProtectionLevel: Undesignated,

Resources of Concern: Unknown

Occupied: No

In Community: Yes, Maintenance/Admin Buildings

Revisit Interval: 5 yrs

Map Label: 150

Primary Access: Road

Ingress Egress: 1 road in/out

Access Width: 1 lane (Less than 18')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Greater than 300 ft with turnaround

Access and Turnarounds: Greater than 300 ft with turnaround

Facility Number or Sign: None or not clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: No defensible space

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Wood or open sided

Foundation: Open or deck

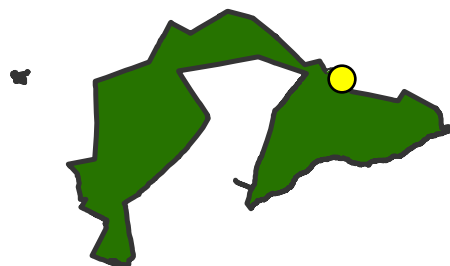
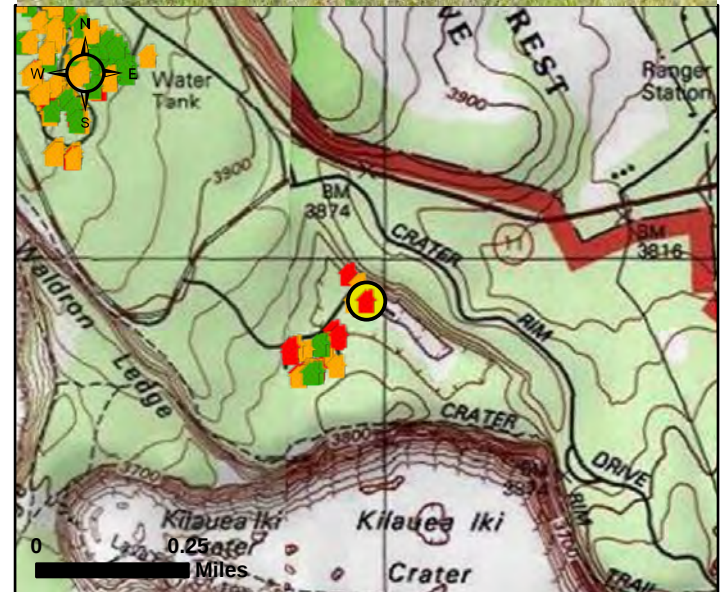
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: None

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: Propane Tank

Unit - Location: HAVO - HAVO HQ

FMSS ID: Unknown, **Local ID:**

Structure Type, Use: Propane Tank, Not a building

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, November 17, 2021

Coordinates (DDM): 19° 25.60740852' N 155° 15.30186762' W

Rating: Moderate

ProtectionLevel: Undesignated,

Resources of Concern: Unknown

Occupied: Yes

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 107

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: No defensible space

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Rock, concrete, metal

Foundation: Closed, Greater than 30in masonry exposed or N/A

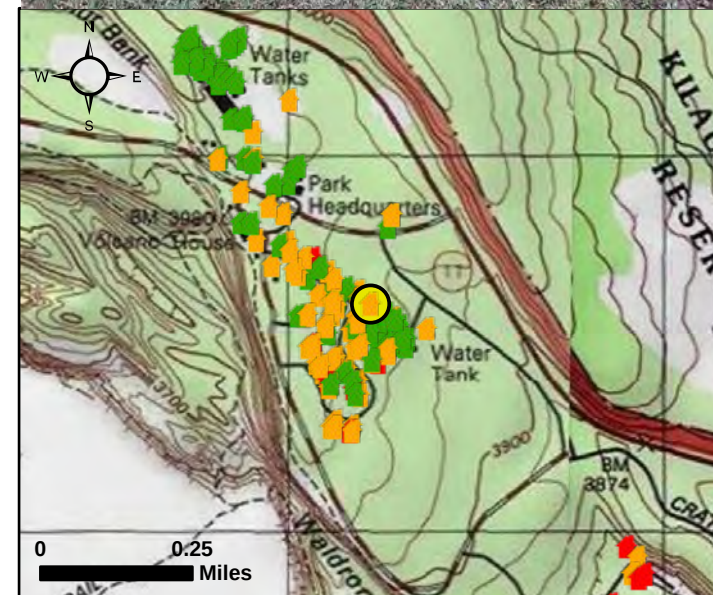
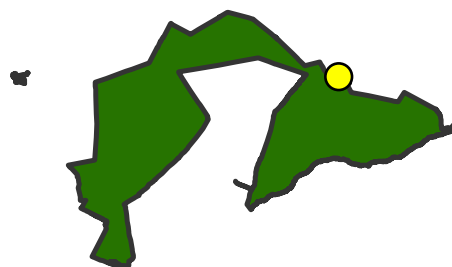
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: Present and little to no fuels clearance

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: Propane tank

Unit - Location: HAVO - HAVO HQ

FMSS ID: Unknown, **Local ID:**

Structure Type, Use: Building, Not a building

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, November 17, 2021

Coordinates (DDM): 19° 25.58570196' N 155° 15.26378604' W

Rating: Low

ProtectionLevel: Undesignated,

Resources of Concern: Unknown

Occupied: No

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 125

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: 100 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Rock, concrete, metal

Foundation: Closed, Greater than 30in masonry exposed or N/A

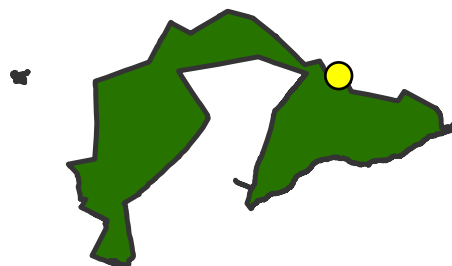
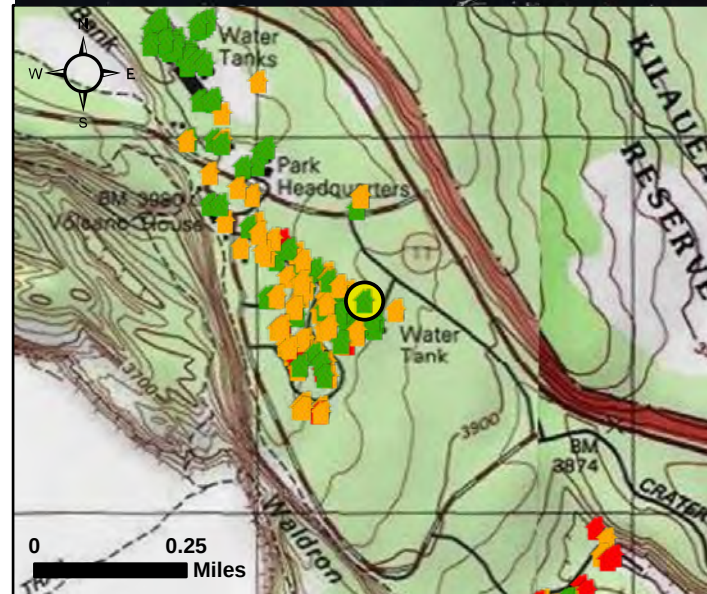
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: Present and fuels clearance

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: Entrance Station Generator Shed

Unit - Location: HAVO - HAVO HQ

FMSS ID: Unknown, **Local ID:**

Structure Type, Use: Utility Site (Water, Gas, Elec), Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, December 1, 2021

Coordinates (DDM): 19° 25.73575098' N 155° 15.27173598' W

Rating: Moderate

Protection Level: Undesignated,

Resources of Concern: Unknown

Occupied: No

In Community: No,

Revisit Interval: 5 yrs

Map Label: 122

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, grade Less than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Grass and shrub, hardwood litter

Fuel Load: Heavy

Defensible Space: No defensible space

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Wood or open sided

Foundation: Closed, Greater than 30in masonry exposed or N/A

Firewood: None

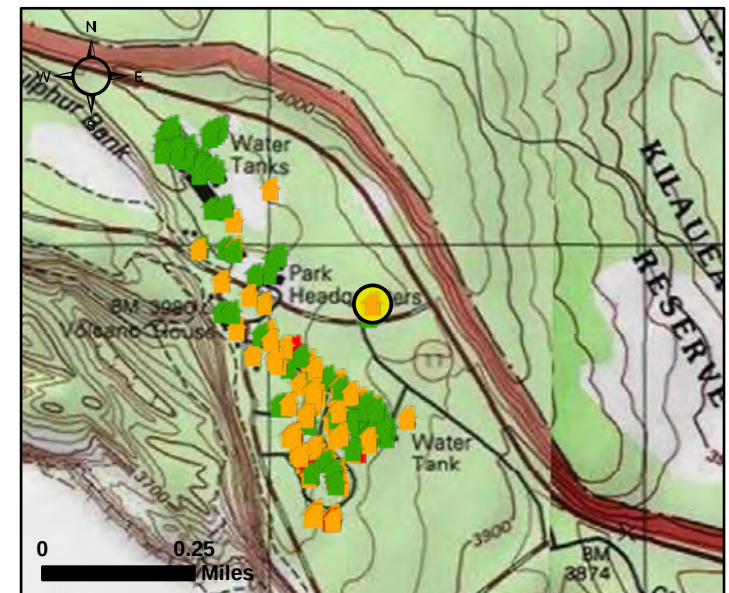
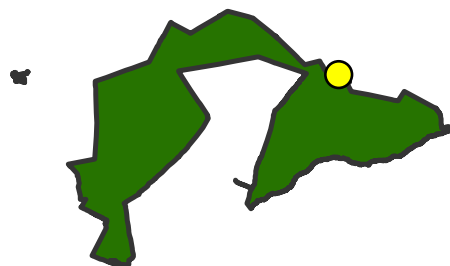
Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: Present and little to no fuels clearance

Overhead Hazards: Overhead hazards will limit aircraft

Comments:

NO PHOTO AVAILABLE





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: Entrance Station Propane tank

Unit - Location: HAVO - HAVO HQ

FMSS ID: Unknown, **Local ID:**

Structure Type, Use: Propane Tank, Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, December 1, 2021

Coordinates (DDM): 19° 25.73596002' N 155° 15.27167496' W

Rating: Moderate

ProtectionLevel: Undesignated,

Resources of Concern: Unknown

Occupied: No

In Community: No,

Revisit Interval: 5 yrs

Map Label: 179

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Grass and shrub, hardwood litter

Fuel Load: Heavy

Defensible Space: No defensible space

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Rock, concrete, metal

Foundation: Closed, Greater than 30in masonry exposed or N/A

Firewood: None

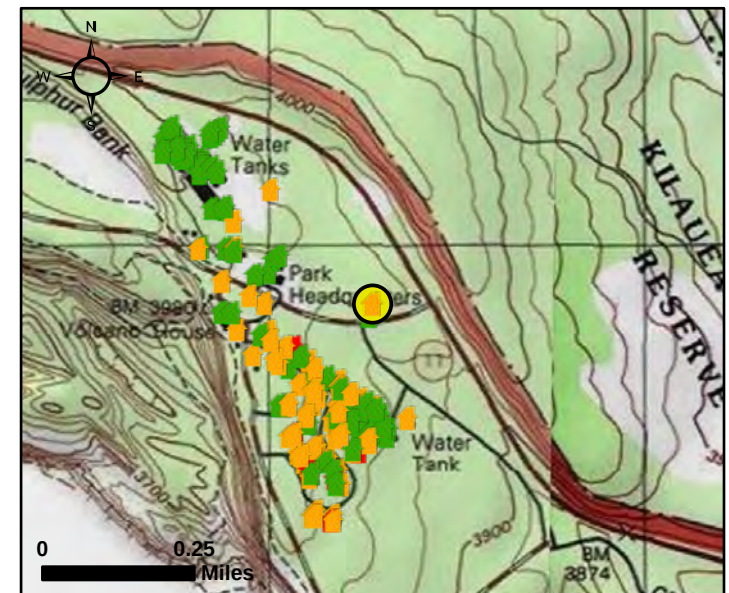
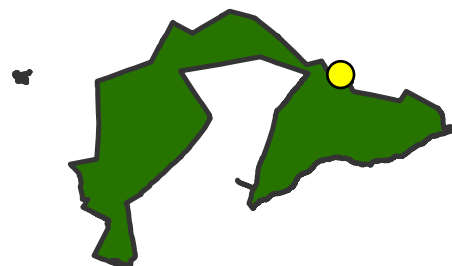
Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: Present and little to no fuels clearance

Overhead Hazards: Overhead hazards will limit aircraft

Comments:

NO PHOTO AVAILABLE





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: Headquarters Utility Power Building

Unit - Location: HAVO - HAVO HQ

FMSS ID: unknown, **Local ID:**

Structure Type, Use: Utility Site (Water, Gas, Elec), Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, May 20, 2022

Coordinates (DDM): 19° 25.80404766' N 155° 15.41411904' W

Rating: Low

Protection Level: Not Designated,

Resources of Concern: Unknown

Occupied: Yes

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 163

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, grade Less than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Moderate

Defensible Space: 30 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Wood or open sided

Foundation: Closed, 6in to 30in masonry exposed

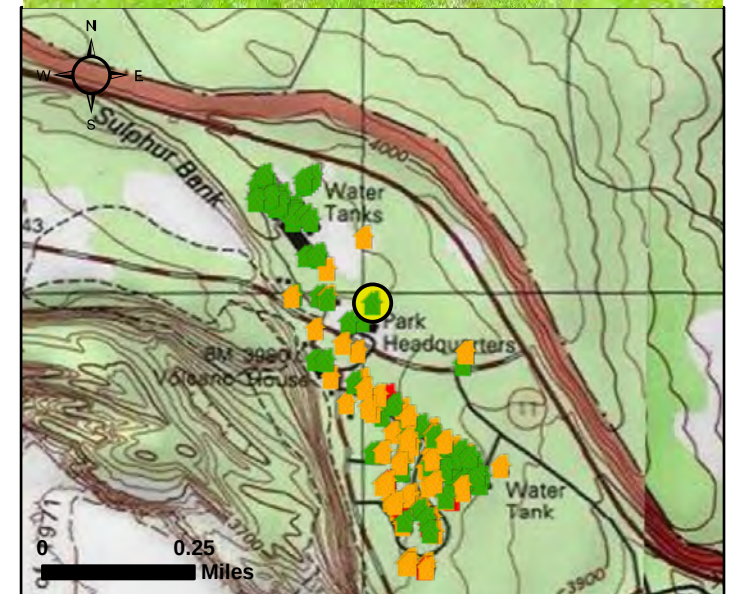
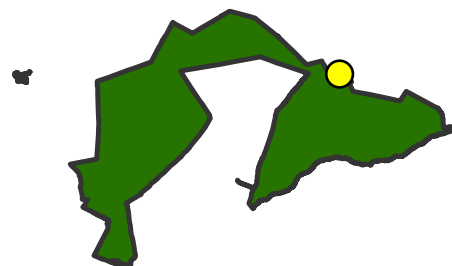
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: None

Overhead Hazards: No overhead hazards

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: Restored Hale

Unit - Location: HAVO - HAVO HQ

FMSS ID: unknown, **Local ID:**

Structure Type, Use: Building, Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, May 20, 2022

Coordinates (DDM): 19° 25.81236258' N 155° 15.53563536' W

Rating: Moderate

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: No

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 36

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Moderate

Defensible Space: 100 ft treated

Topography: Slope Less than 5%

Roof Material: Combustible or no roof

Siding Material: Wood or open sided

Foundation: Closed, 6in to 30in masonry exposed

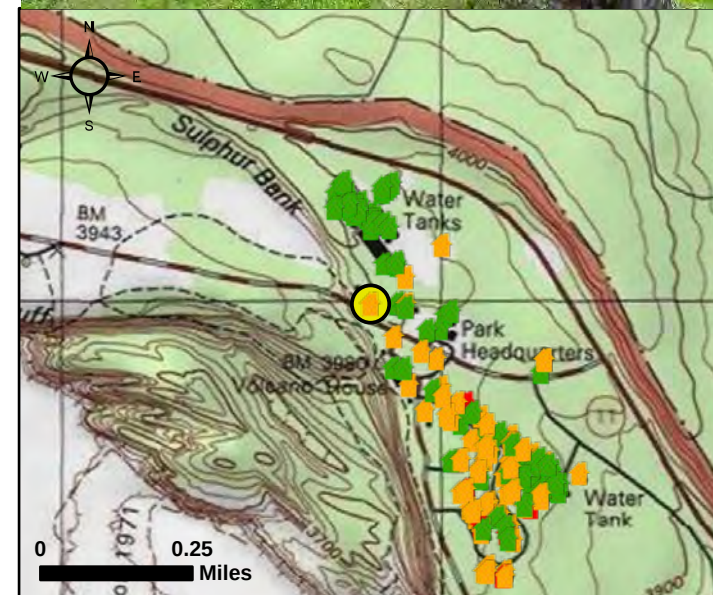
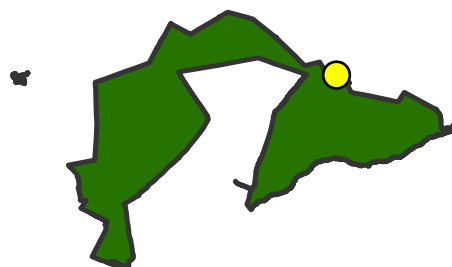
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: None

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: Air Quality Monitoring Shed

Unit - Location: HAVO - HAVO HQ

FMSS ID: unknown , **Local ID:**

Structure Type, Use: Building, Unknown

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, May 20, 2022

Coordinates (DDM): 19° 25.85209890' N 155° 15.48325416' W

Rating: Moderate

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: No

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 51

Primary Access: Road

Ingress Egress: 1 road in/out

Access Width: 1.5 lanes (Greater than 18')

Access Condition: Non-surfaced- gravel,dirt,gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: None or not clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: 100 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Wood or open sided

Foundation: Open or deck

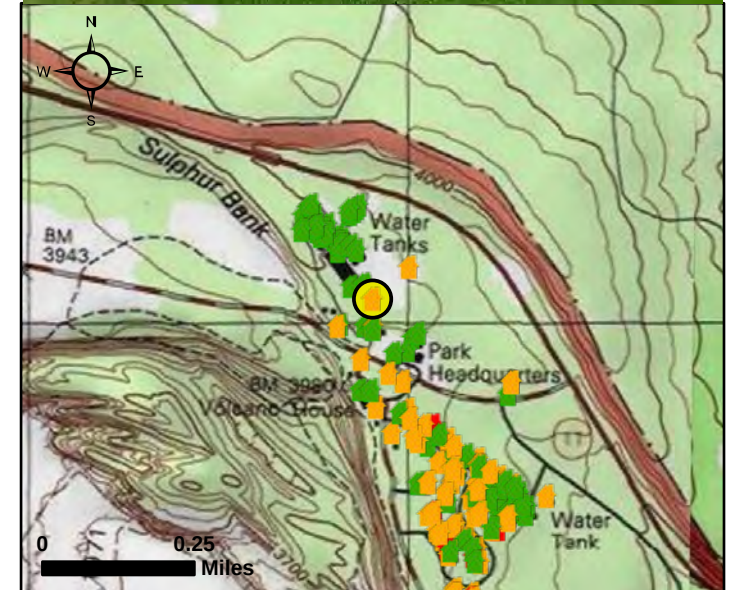
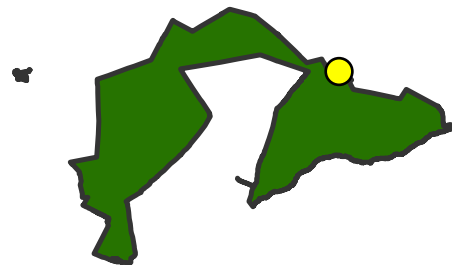
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: None

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: USGS Hazmat Storage Shed

Unit - Location: HAVO - HAVO HQ

FMSS ID: unknown, **Local ID:**

Structure Type, Use: Building, Unknown

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, May 20, 2022

Coordinates (DDM): 19° 25.87326450' N 155° 15.49710024' W

Rating: Low

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: No

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 47

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Moderate

Defensible Space: Less than 30 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Rock, concrete, metal

Foundation: Closed, Less than 6in masonry exposed

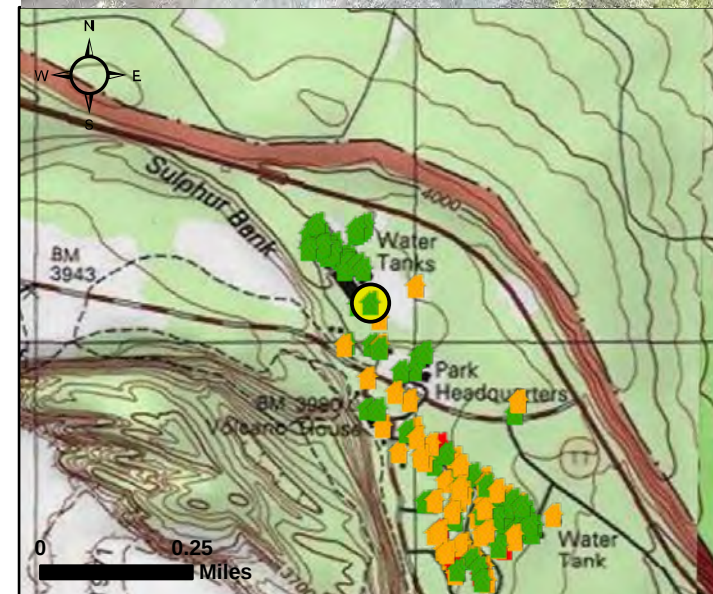
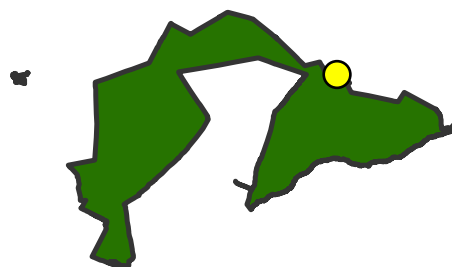
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: None

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: Wooden Water Tank #7

Unit - Location: HAVO - HAVO HQ

FMSS ID: unknown, **Local ID:**

Structure Type, Use: Utility Site (Water, Gas, Elec), Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, May 20, 2022

Coordinates (DDM): 19° 25.93687914' N 155° 15.54224250' W

Rating: Low

Protection Level: Not Designated,

Resources of Concern: Unknown

Occupied: No

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 33

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, grade Less than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Moderate

Defensible Space: 100 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Wood or open sided

Foundation: Open or deck

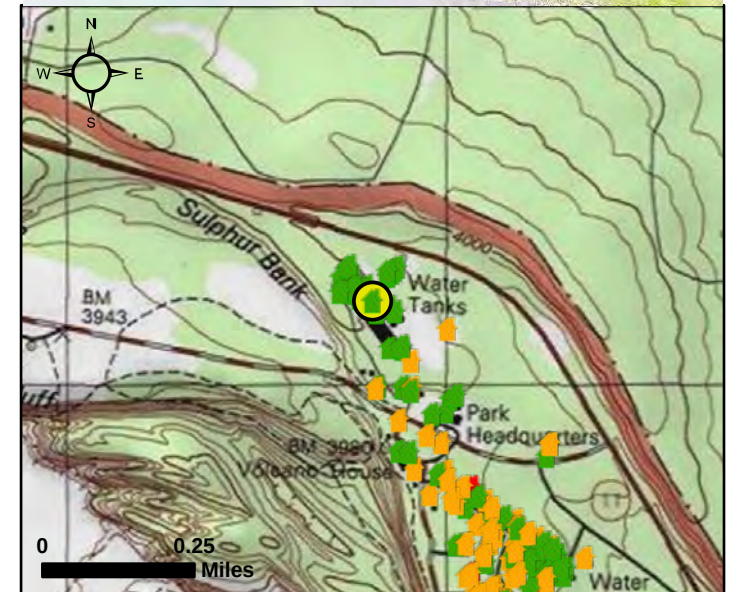
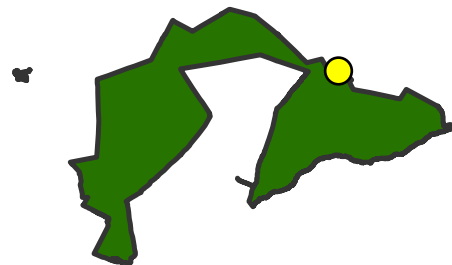
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: None

Overhead Hazards: No overhead hazards

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: Wooden Water Tank #8

Unit - Location: HAVO - HAVO HQ

FMSS ID: unknown, **Local ID:**

Structure Type, Use: Utility Site (Water, Gas, Elec), Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, May 20, 2022

Coordinates (DDM): 19° 25.94250744' N 155° 15.53663514' W

Rating: Low

Protection Level: Not Designated,

Resources of Concern: Unknown

Occupied: No

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 35

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, grade Less than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Moderate

Defensible Space: 100 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Wood or open sided

Foundation: Open or deck

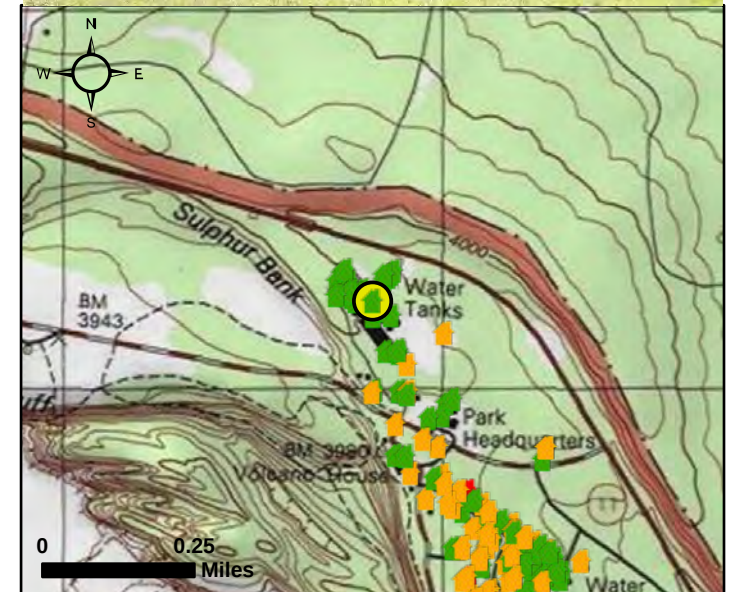
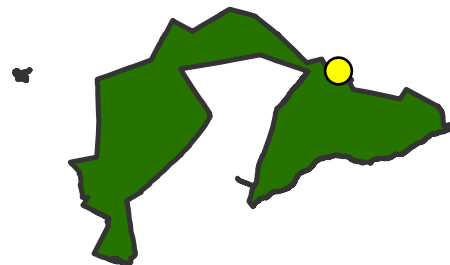
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: None

Overhead Hazards: No overhead hazards

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: Wooden Water Tank #10

Unit - Location: HAVO - HAVO HQ

FMSS ID: unknown, **Local ID:**

Structure Type, Use: Utility Site (Water, Gas, Elec), Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, May 20, 2022

Coordinates (DDM): 19° 25.93787244' N 155° 15.53097744' W

Rating: Low

Protection Level: Not Designated,

Resources of Concern: Unknown

Occupied: No

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 157

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, grade Less than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Moderate

Defensible Space: 100 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Wood or open sided

Foundation: Open or deck

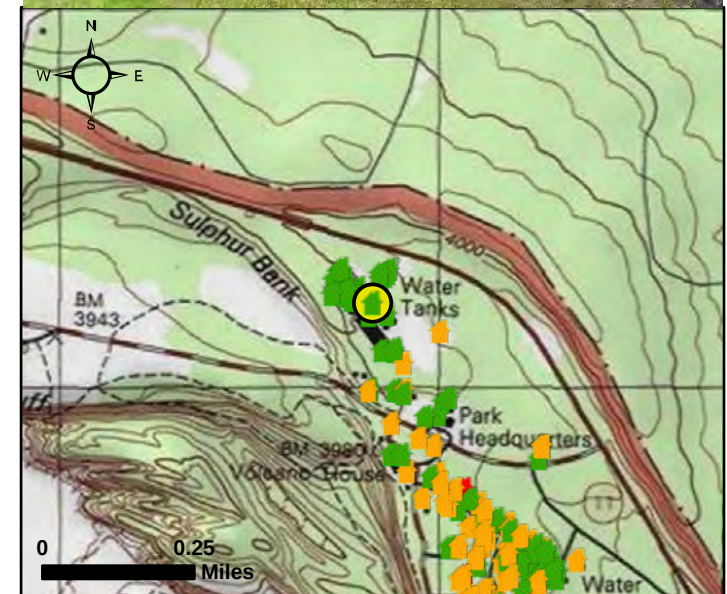
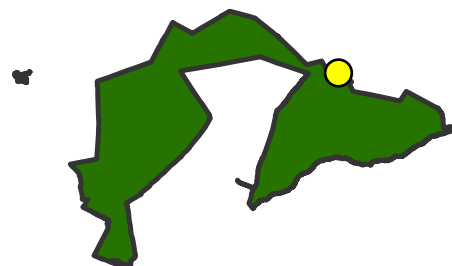
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: None

Overhead Hazards: No overhead hazards

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: Wooden Water Tank #9

Unit - Location: HAVO - HAVO HQ

FMSS ID: unknown, **Local ID:**

Structure Type, Use: Utility Site (Water, Gas, Elec), Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, May 20, 2022

Coordinates (DDM): 19° 25.93321788' N 155° 15.53734278' W

Rating: Low

Protection Level: Not Designated,

Resources of Concern: Unknown

Occupied: No

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 34

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, grade Less than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Moderate

Defensible Space: 100 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Wood or open sided

Foundation: Open or deck

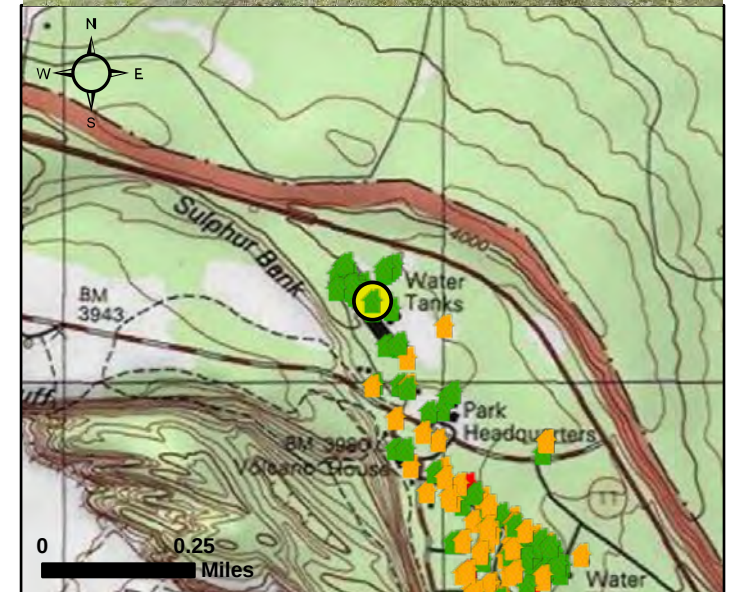
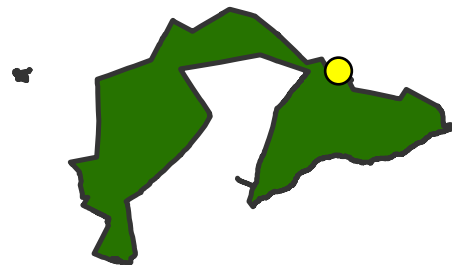
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: None

Overhead Hazards: No overhead hazards

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: Wooden Water Tank #11

Unit - Location: HAVO - HAVO HQ

FMSS ID: unknown, **Local ID:**

Structure Type, Use: Utility Site (Water, Gas, Elec), Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, May 20, 2022

Coordinates (DDM): 19° 25.92958632' N 155° 15.53180154' W

Rating: Low

Protection Level: Not Designated,

Resources of Concern: Unknown

Occupied: No

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 156

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, grade Less than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Moderate

Defensible Space: 100 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Wood or open sided

Foundation: Open or deck

Firewood: None

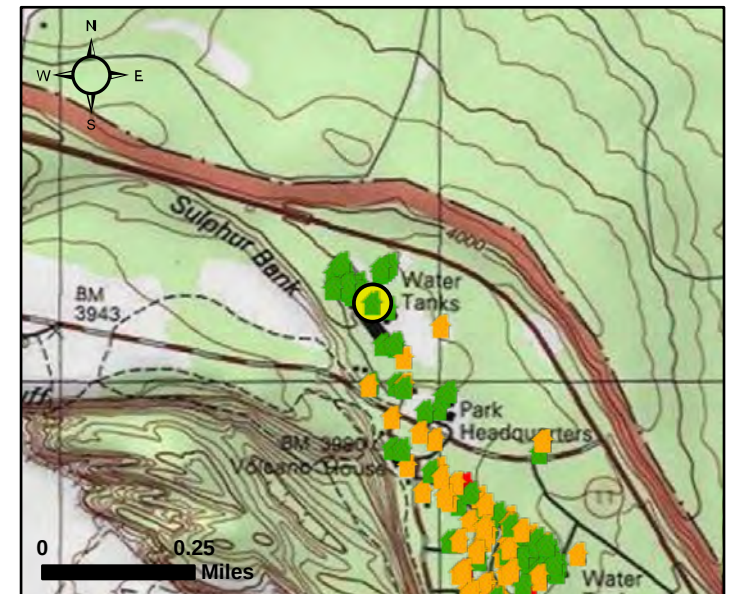
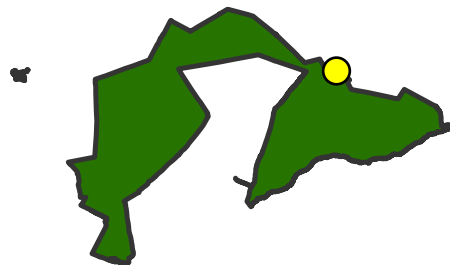
Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: None

Overhead Hazards: No overhead hazards

Comments: M. Wasser for HAVO Fire

NO PHOTO AVAILABLE





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: Main Water Tank #T-18

Unit - Location: HAVO - HAVO HQ

FMSS ID: unknown, **Local ID:**

Structure Type, Use: Utility Site (Water, Gas, Elec), Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, May 20, 2022

Coordinates (DDM): 19° 25.92908694' N 155° 15.51727038' W

Rating: Low

Protection Level: Not Designated,

Resources of Concern: Unknown

Occupied: No

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 40

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, grade Less than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Moderate

Defensible Space: 100 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Rock, concrete, metal

Foundation: Closed, 6in to 30in masonry exposed

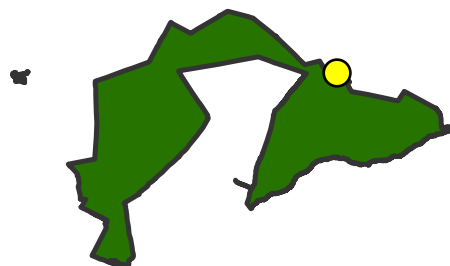
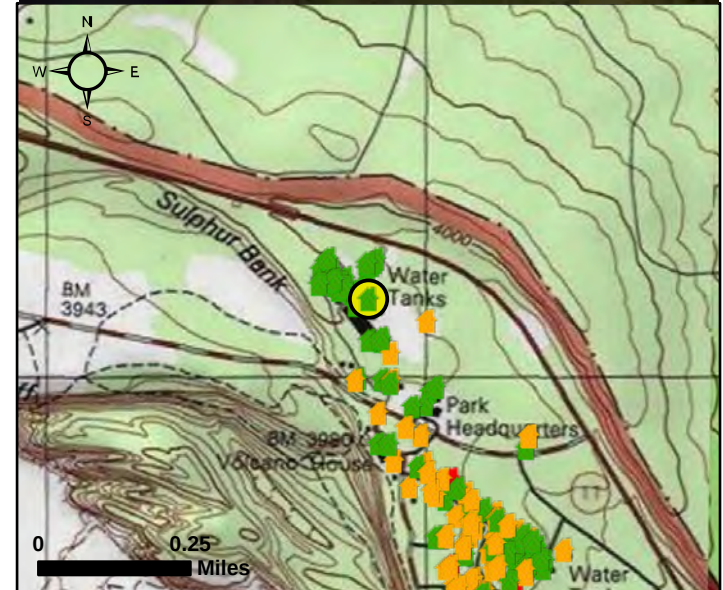
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: None

Overhead Hazards: No overhead hazards

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: Main Water Tank #T-19

Unit - Location: HAVO - HAVO HQ

FMSS ID: unknown, **Local ID:**

Structure Type, Use: Utility Site (Water, Gas, Elec), Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, May 20, 2022

Coordinates (DDM): 19° 25.92236754' N 155° 15.50865372' W

Rating: Low

Protection Level: Not Designated,

Resources of Concern: Unknown

Occupied: No

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 43

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, grade Less than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Moderate

Defensible Space: 100 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Rock, concrete, metal

Foundation: Closed, 6in to 30in masonry exposed

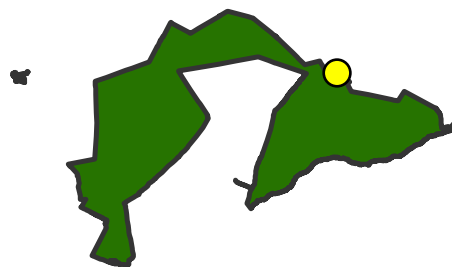
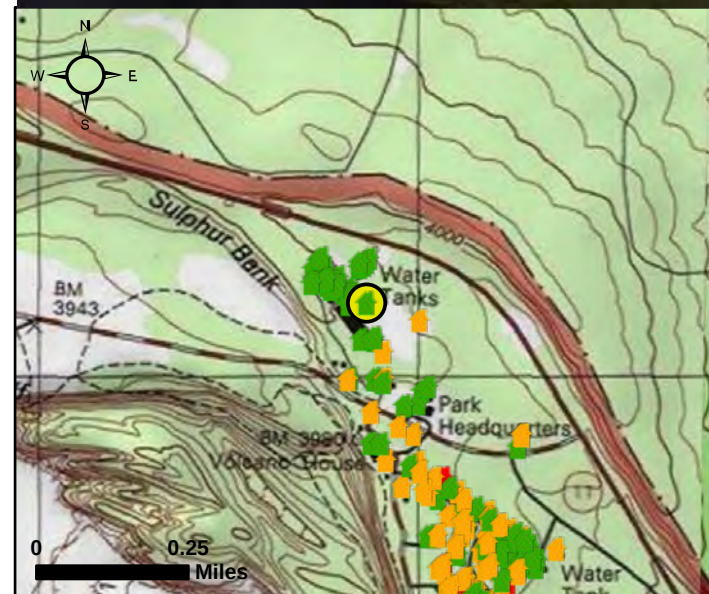
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: None

Overhead Hazards: No overhead hazards

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: Main Water Tank #T-5

Unit - Location: HAVO - HAVO HQ

FMSS ID: unknown, **Local ID:**

Structure Type, Use: Utility Site (Water, Gas, Elec), Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, May 20, 2022

Coordinates (DDM): 19° 25.95876318' N 155° 15.55266432' W

Rating: Low

Protection Level: Not Designated,

Resources of Concern: Unknown

Occupied: No

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 32

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, grade Less than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Moderate

Defensible Space: 100 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Rock, concrete, metal

Foundation: Closed, 6in to 30in masonry exposed

Firewood: None

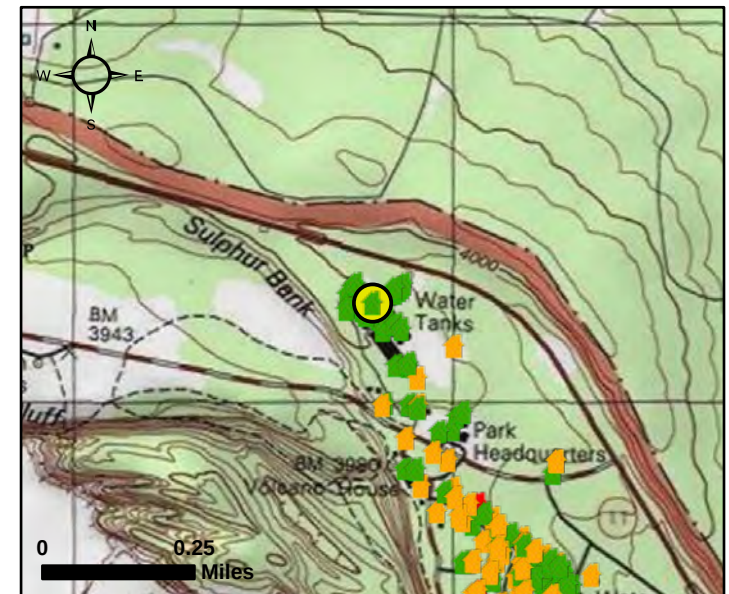
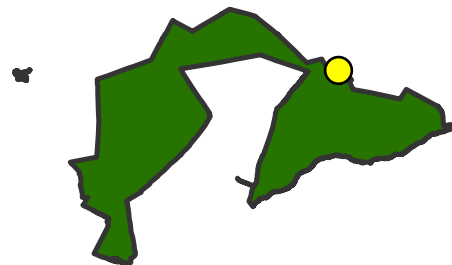
Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: None

Overhead Hazards: No overhead hazards

Comments: M. Wasser for HAVO Fire

NO PHOTO AVAILABLE





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: Main Water Tank unnamed

Unit - Location: HAVO - HAVO HQ

FMSS ID: unknown, **Local ID:**

Structure Type, Use: Utility Site (Water, Gas, Elec), Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, May 20, 2022

Coordinates (DDM): 19° 25.94776326' N 155° 15.56792262' W

Rating: Low

Protection Level: Not Designated,

Resources of Concern: Unknown

Occupied: No

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 29

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, grade Less than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Moderate

Defensible Space: 100 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Rock, concrete, metal

Foundation: Closed, 6in to 30in masonry exposed

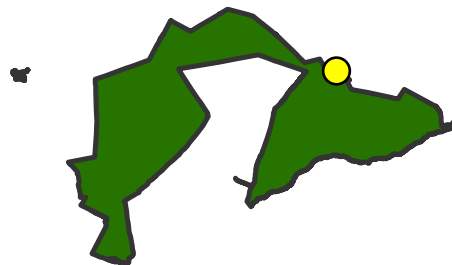
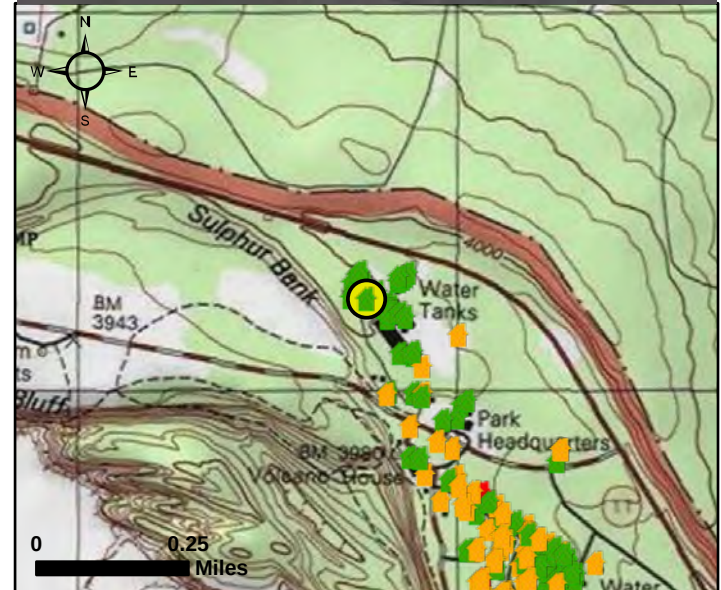
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: None

Overhead Hazards: No overhead hazards

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: Main Water Tank unnamed

Unit - Location: HAVO - HAVO HQ

FMSS ID: unknown, **Local ID:**

Structure Type, Use: Utility Site (Water, Gas, Elec), Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, May 20, 2022

Coordinates (DDM): 19° 25.95231420' N 155° 15.56058420' W

Rating: Low

Protection Level: Not Designated,

Resources of Concern: Unknown

Occupied: No

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 31

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, grade Less than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Moderate

Defensible Space: 100 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Rock, concrete, metal

Foundation: Closed, 6in to 30in masonry exposed

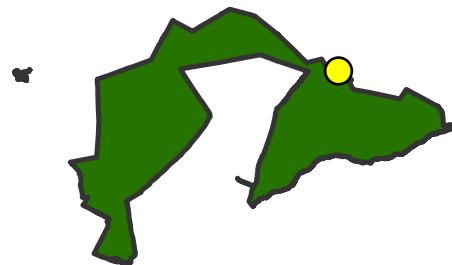
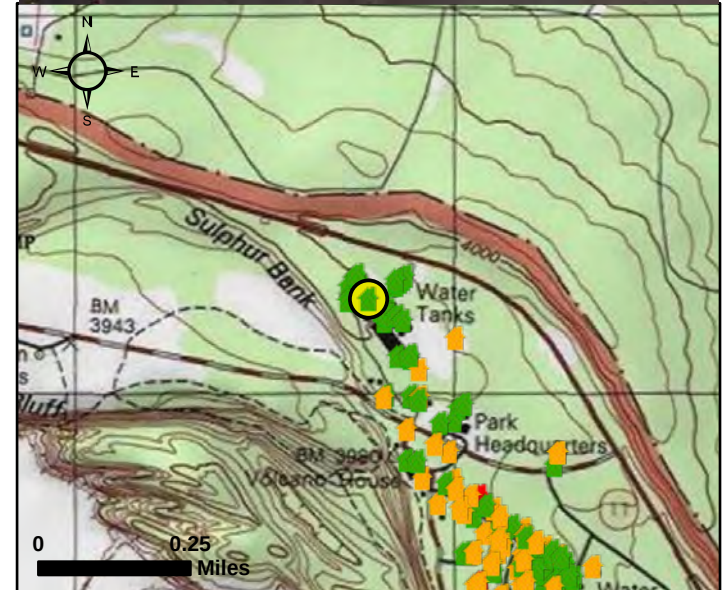
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: None

Overhead Hazards: No overhead hazards

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: Main Water Tank unnamed

Unit - Location: HAVO - HAVO HQ

FMSS ID: unknown, **Local ID:**

Structure Type, Use: Utility Site (Water, Gas, Elec), Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, May 20, 2022

Coordinates (DDM): 19° 25.94143854' N 155° 15.56230788' W

Rating: Low

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: No

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 30

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, grade Less than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Moderate

Defensible Space: 100 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Rock, concrete, metal

Foundation: Closed, 6in to 30in masonry exposed

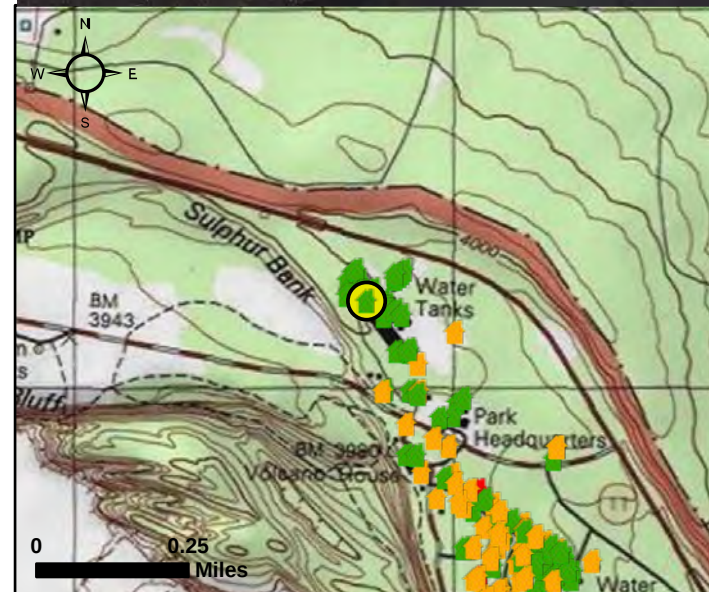
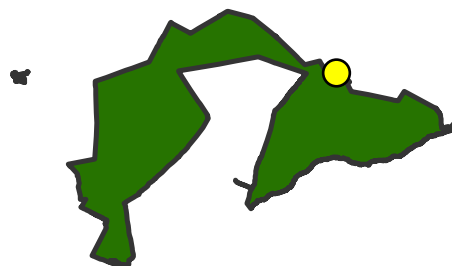
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: None

Overhead Hazards: No overhead hazards

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: Main Water Tank unnamed

Unit - Location: HAVO - HAVO HQ

FMSS ID: unknown, **Local ID:**

Structure Type, Use: Utility Site (Water, Gas, Elec), Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, May 20, 2022

Coordinates (DDM): 19° 25.94607648' N 155° 15.55568286' W

Rating: Low

Protection Level: Not Designated,

Resources of Concern: Unknown

Occupied: No

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 154

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, grade Less than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Moderate

Defensible Space: 100 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Rock, concrete, metal

Foundation: Closed, 6in to 30in masonry exposed

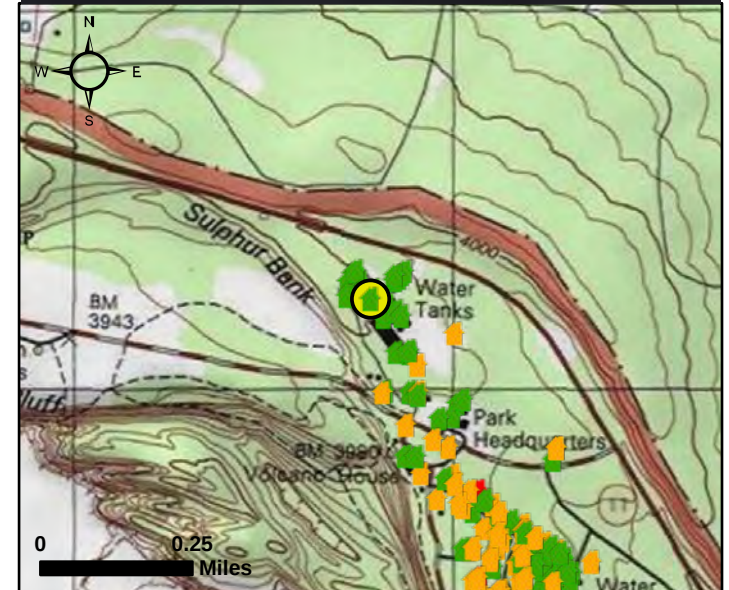
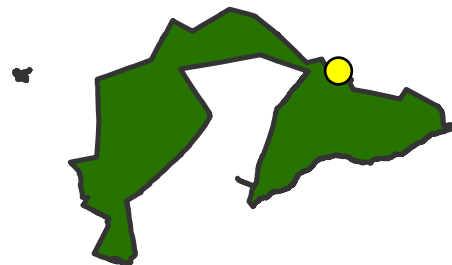
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: None

Overhead Hazards: No overhead hazards

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: Water Treatment Shed

Unit - Location: HAVO - HAVO HQ

FMSS ID: unknown, **Local ID:**

Structure Type, Use: Utility Site, Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, May 20, 2022

Coordinates (DDM): 19° 25.97332080' N 155° 15.52044018' W

Rating: Low

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: No

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 38

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 1.5 lanes (Greater than 18')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Heavy

Defensible Space: 30 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Wood or open sided

Foundation: Closed, Less than 6in masonry exposed

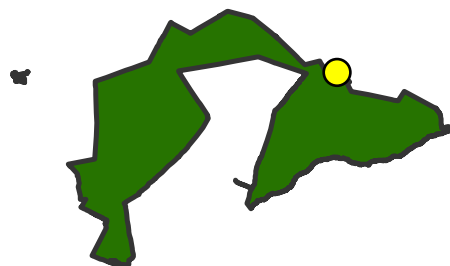
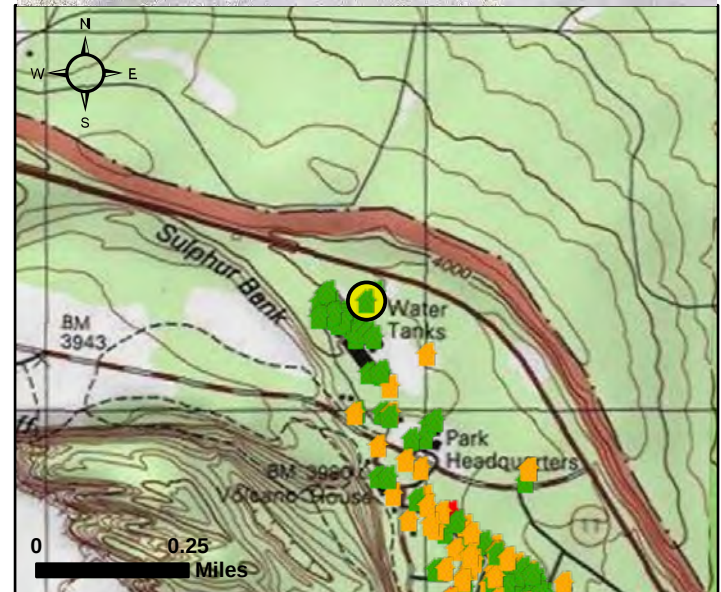
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: None

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: Water Tank SS1

Unit - Location: HAVO - HAVO HQ

FMSS ID: unknown, **Local ID:**

Structure Type, Use: Utility Site (Water, Gas, Elec), Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, May 20, 2022

Coordinates (DDM): 19° 25.97711814' N 155° 15.51476976' W

Rating: Low

Protection Level: Not Designated,

Resources of Concern: Unknown

Occupied: No

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 42

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 1.5 lanes (Greater than 18')

Access Condition: Surfaced-paved, grade Less than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Moderate

Defensible Space: 100 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Rock, concrete, metal

Foundation: Closed, 6in to 30in masonry exposed

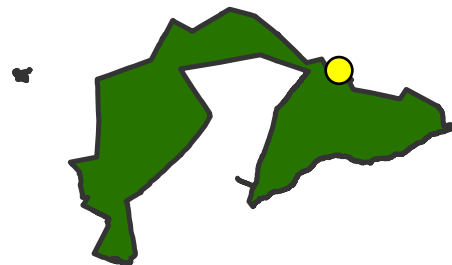
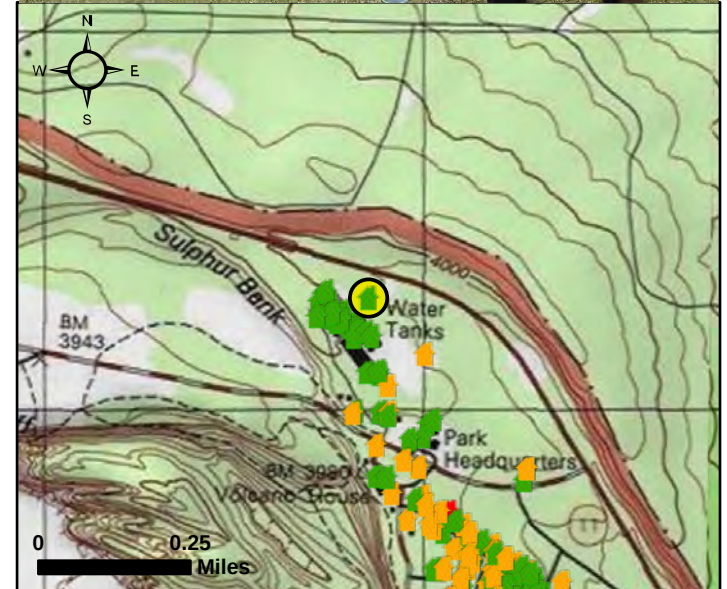
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: None

Overhead Hazards: No overhead hazards

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: Water Tank SS2

Unit - Location: HAVO - HAVO HQ

FMSS ID: unknown, **Local ID:**

Structure Type, Use: Utility Site (Water, Gas, Elec), Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, May 20, 2022

Coordinates (DDM): 19° 25.98162834' N 155° 15.51026358' W

Rating: Low

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: No

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 158

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 1.5 lanes (Greater than 18')

Access Condition: Surfaced-paved, grade Less than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Moderate

Defensible Space: 100 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Rock, concrete, metal

Foundation: Closed, 6in to 30in masonry exposed

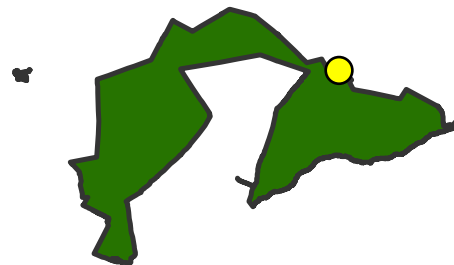
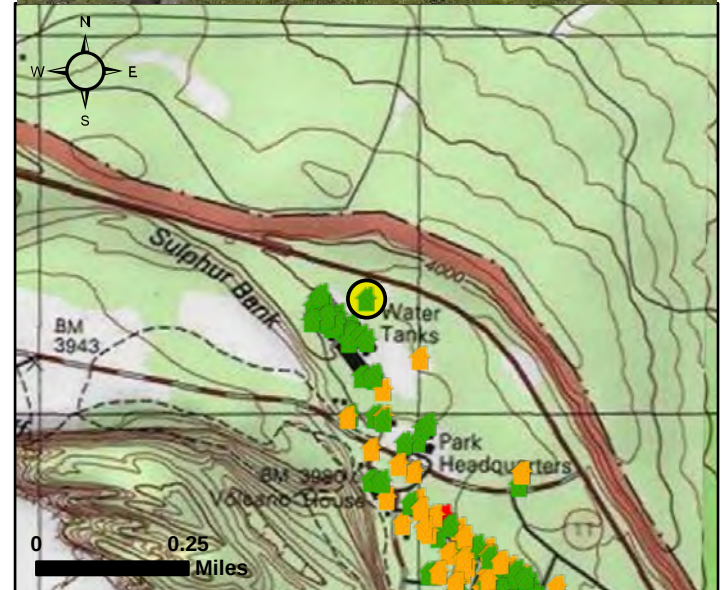
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: None

Overhead Hazards: No overhead hazards

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: Water Tank unnamed

Unit - Location: HAVO - HAVO HQ

FMSS ID: unknown, **Local ID:**

Structure Type, Use: Utility Site (Water, Gas, Elec), Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, May 20, 2022

Coordinates (DDM): 19° 25.98624168' N 155° 15.50616426' W

Rating: Low

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: No

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 44

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 1.5 lanes (Greater than 18')

Access Condition: Surfaced-paved, grade Less than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Moderate

Defensible Space: 100 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Rock, concrete, metal

Foundation: Closed, 6in to 30in masonry exposed

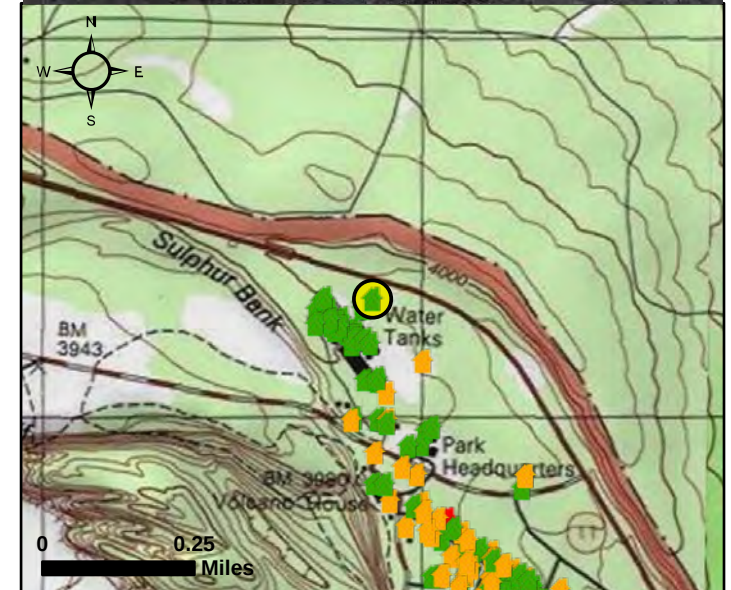
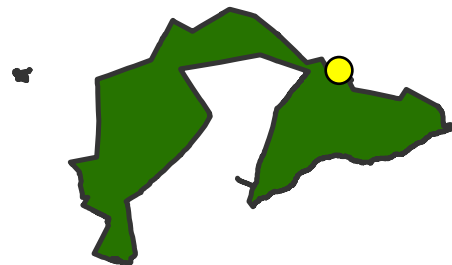
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: None

Overhead Hazards: No overhead hazards

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: Water Tank unnamed

Unit - Location: HAVO - HAVO HQ

FMSS ID: unknown, **Local ID:**

Structure Type, Use: Utility Site (Water, Gas, Elec), Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, May 20, 2022

Coordinates (DDM): 19° 25.98052248' N 155° 15.52012818' W

Rating: Low

Protection Level: Not Designated,

Resources of Concern: Unknown

Occupied: No

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 39

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 1.5 lanes (Greater than 18')

Access Condition: Surfaced-paved, grade Less than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Shrub or timber

Fuel Load: Moderate

Defensible Space: 100 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Rock, concrete, metal

Foundation: Closed, 6in to 30in masonry exposed

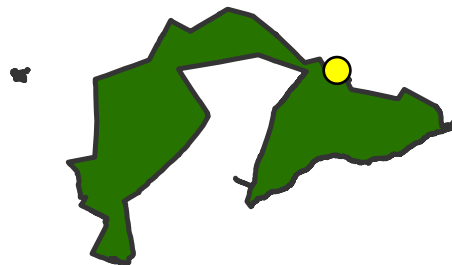
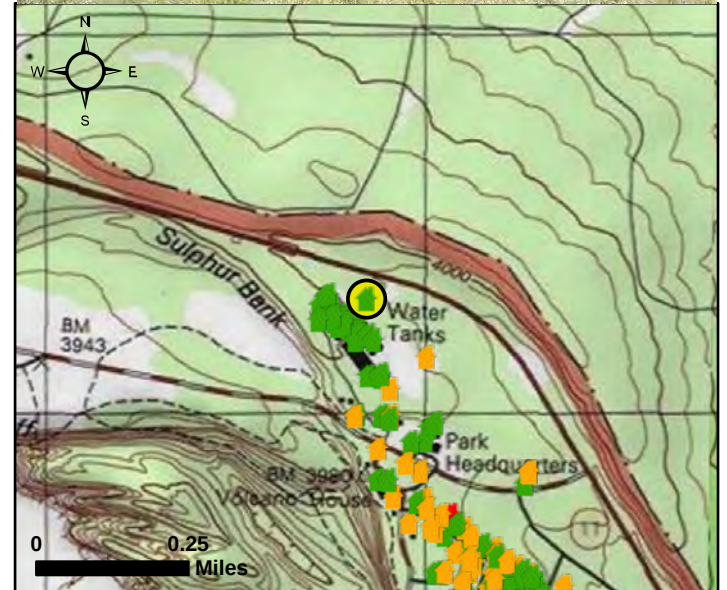
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: None

Overhead Hazards: No overhead hazards

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: Rainshed unknown utility building

Unit - Location: HAVO - HAVO HQ

FMSS ID: unknown , **Local ID:**

Structure Type, Use: Administrative, Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, May 20, 2022

Coordinates (DDM): 19° 25.95389514' N 155° 15.57329130' W

Rating: Low

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: No

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 151

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: None or not clearly visible

Fuel Type: Shrub or timber

Fuel Load: Moderate

Defensible Space: 100 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Rock, concrete, metal

Foundation: Closed, Less than 6in masonry exposed

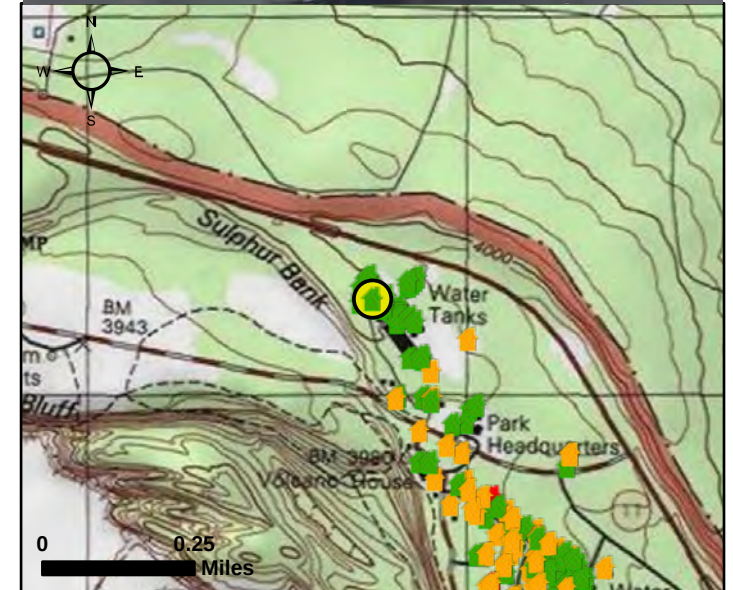
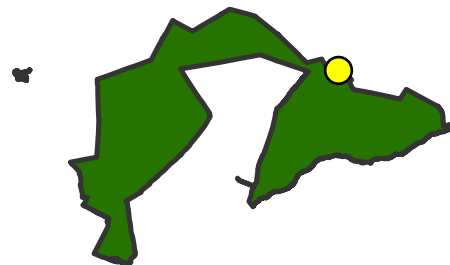
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: None

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: Rainshed unknown utility building

Unit - Location: HAVO - HAVO HQ

FMSS ID: unknown , **Local ID:**

Structure Type, Use: Administrative, Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, May 20, 2022

Coordinates (DDM): 19° 25.95633198' N 155° 15.57023670' W

Rating: Low

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: No

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 153

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: None or not clearly visible

Fuel Type: Shrub or timber

Fuel Load: Moderate

Defensible Space: 100 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Rock, concrete, metal

Foundation: Closed, Less than 6in masonry exposed

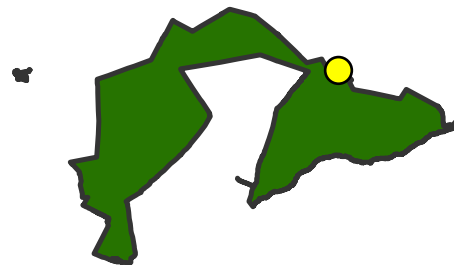
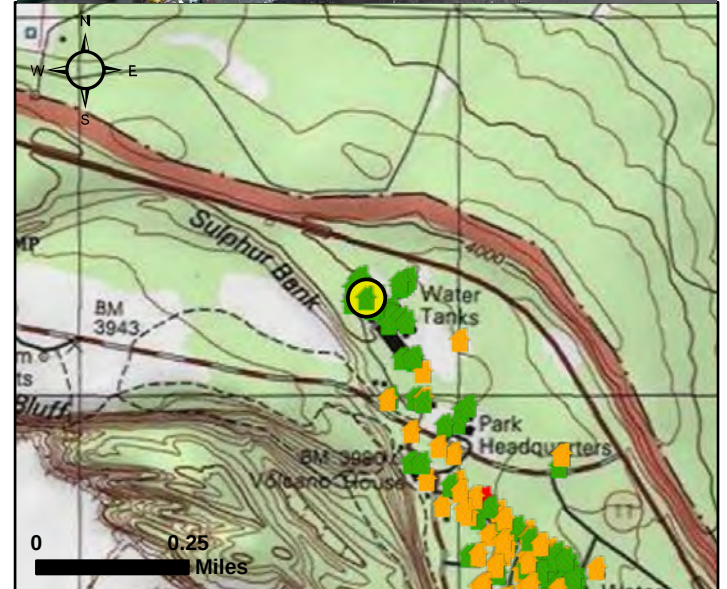
Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: None

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: Rainshed Communications Tower Complex

Unit - Location: HAVO - HAVO HQ

FMSS ID: unknown , **Local ID:**

Structure Type, Use: Administrative, Administrative

Owner: National Park Service

Field Crew, Visit Date: HAVO Fire, May 20, 2022

Coordinates (DDM): 19° 25.94970702' N 155° 15.59216610' W

Rating: Low

ProtectionLevel: Not Designated,

Resources of Concern: Unknown

Occupied: No

In Community: Yes, Visitor Center/Volcano House

Revisit Interval: 5 yrs

Map Label: 188

Primary Access: Road

Ingress Egress: 2 or more roads in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: None or not clearly visible

Fuel Type: Shrub or timber

Fuel Load: Moderate

Defensible Space: 100 ft treated

Topography: Slope Less than 5%

Roof Material: Noncombustible or not applicable

Siding Material: Rock, concrete, metal

Foundation: Closed, Less than 6in masonry exposed

Firewood: None

Water Supply: Pressurized hydrant(s) or fixed sprinkler system

Propane: Present and fuels clearance

Overhead Hazards: Overhead hazards will limit aircraft

Comments: M. Wasser for HAVO Fire

