

South Sugarloaf BAER

Background and update

2523.1 – Exhibit 01

Critical Values to be Considered During Burned-Area Emergency Response

| CRITICAL VALUES |
|--|
| |
| HUMAN LIFE AND SAFETY |
| Human life and safety on National Forest System (NFS) lands. |
| |
| PROPERTY |
| Buildings, water systems, utility systems, road and trail prisms, dams, wells or other significant investments on NFS lands. |
| |
| NATURAL RESOURCES |
| Water used for municipal, domestic, hydropower, or agricultural supply or waters with special Federal or State designations on NFS lands. |
| Soil productivity and hydrologic function on NFS lands. |
| Critical habitat or suitable occupied habitat for federally listed threatened or endangered terrestrial, aquatic animal, or plant species on NFS lands. |
| Native or naturalized communities on NFS lands where invasive species or noxious weeds are absent or present in only minor amounts. |
| |
| CULTURAL AND HERITAGE RESOURCES |
| Cultural resources which are listed on or potentially eligible for the National Register of Historic Places, Traditional Cultural Properties, or Indian Sacred Sites on NFS lands. |

2523.1 - Exhibit 02

BAER Risk Assessment

| Probability of Damage or Loss | Magnitude of Consequences | | |
|-------------------------------|---------------------------|--------------|----------|
| | Major | Moderate | Minor |
| | RISK | | |
| Very Likely | Very High | Very High | Low |
| Likely | Very High | High | Low |
| Possible | High | Intermediate | Low |
| Unlikely | Intermediate | Low | Very Low |

Probability of Damage or Loss: The following descriptions provide a framework to estimate the relative probability that damage or loss would occur within 1 to 3 years (depending on the resource):

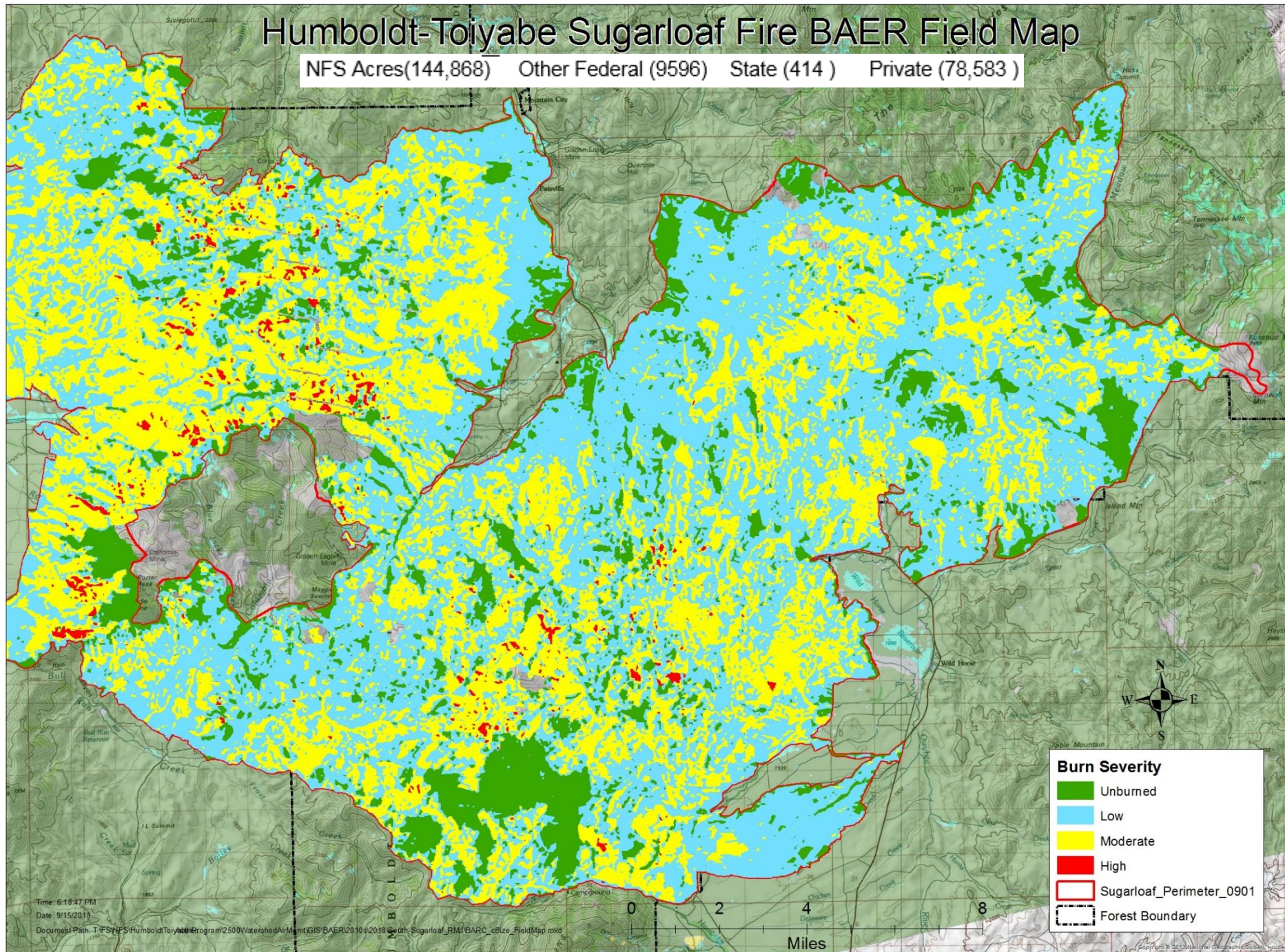
- Very likely. Nearly certain occurrence (90% - 100%)
- Likely. Likely occurrence (50% - 89%)
- Possible. Possible occurrence (10% - 49%)
- Unlikely. Unlikely occurrence (0% - 9%)

Magnitude of Consequences:

- Major. Loss of life or injury to humans; substantial property damage; irreversible damage to critical natural or cultural resources.
- Moderate. Injury or illness to humans; moderate property damage; damage to critical natural or cultural resources resulting in considerable or long term effects.
- Minor. Property damage is limited in economic value and/or to few investments; damage to critical natural or cultural resources resulting in minimal, recoverable or localized effects.

Humboldt-Toiyabe Sugarloaf Fire BAER Field Map

NFS Acres(144,868) Other Federal (9596) State (414) Private (78,583)



Burn Severity (acres): 153,286 (low) 49,844 (moderate) 2,379 (high) 27,953 (unburned)

| | | | | | |
|--|---|--------|----------|------|--|
| Invasive species displacing the Native Plant Community | R | Likely | Moderate | High | Weed populations surrounding and isolated within the fire area offer seed source to expanding populations in light of the fire caused disturbance. |
| Native vegetation community | R | Likely | Moderate | High | See allotment by allotment discussion |

| | | | | | | | | | | | |
|---|---|---|-------------|-------|-----------|---|---|---|--------|----------|------|
| A. Native plant community where invasive species or noxious weeds are absent or present in only minor amounts | Chicken Cr C&H Rifle Cr C&H Van Duzer C&H Wood Gulch C&H | R | Very Likely | Major | Very High | C. Spread of noxious weeds and invasive annuals | Mountain City C&H | R | Likely | Moderate | High |
| | | | | | | | Slaughterhouse C&H Haystack C&H Wildhorse C&H Telephone C&H Sunflower Fl. C&H | | | | |

| | | | | | | | | | | | |
|---|---|---|--------|----------|------|---|-------------|---|--------|----------|------|
| B. Native plant community where invasive species or noxious weeds are absent or present in only minor amounts | Allied C&H Badger CU Beadles S&G Beaver Cr CU Bl. Jacket S&G Clear Cr C&H Cobb Cr S&G Columbia B. S&G Deep Cr C&H E. Bl. Jacket S&G Haystack C&H Pixley Cr C&H Tennessee S&G Timber Gulch C&H W. Bruneau S&G Whiterock C&H Whiterock S&G Wildhorse C&H | R | Likely | Moderate | High | D. Spread of weeds and invasive species from adjacent private, BLM, and state owned lands | Non FS Land | R | Likely | Moderate | High |
| | | | | | | | | | | | |

Native Plant Community Emergency Treatment Requests

Requested

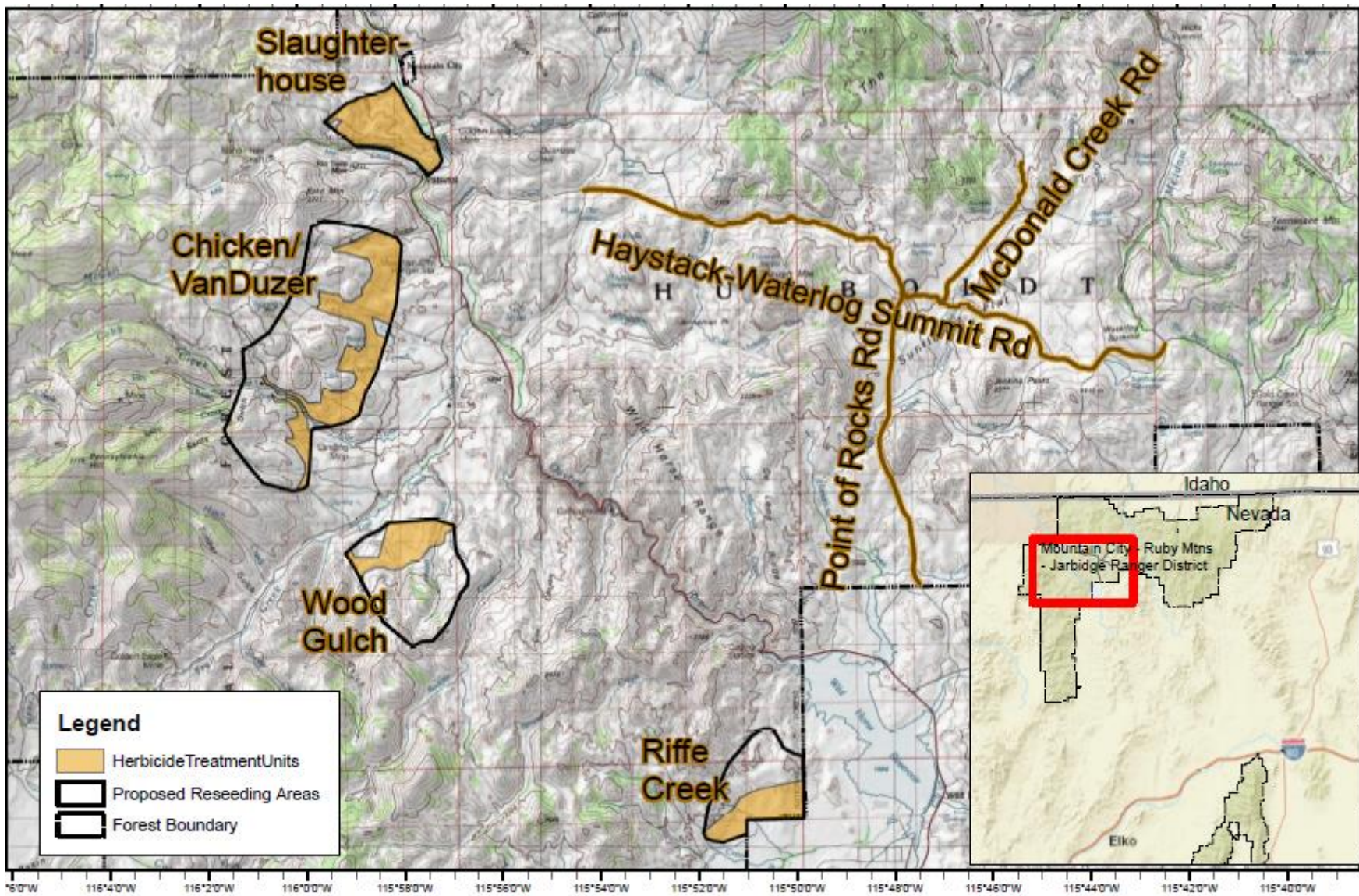
- EDRR (\$85,000)
- Seeding (\$1.9million)
- Herbicide in seeding units (283,000)

Approved

- Fully (\$85,000)
- NONE
- 150,000

Alternative funding pursued to date

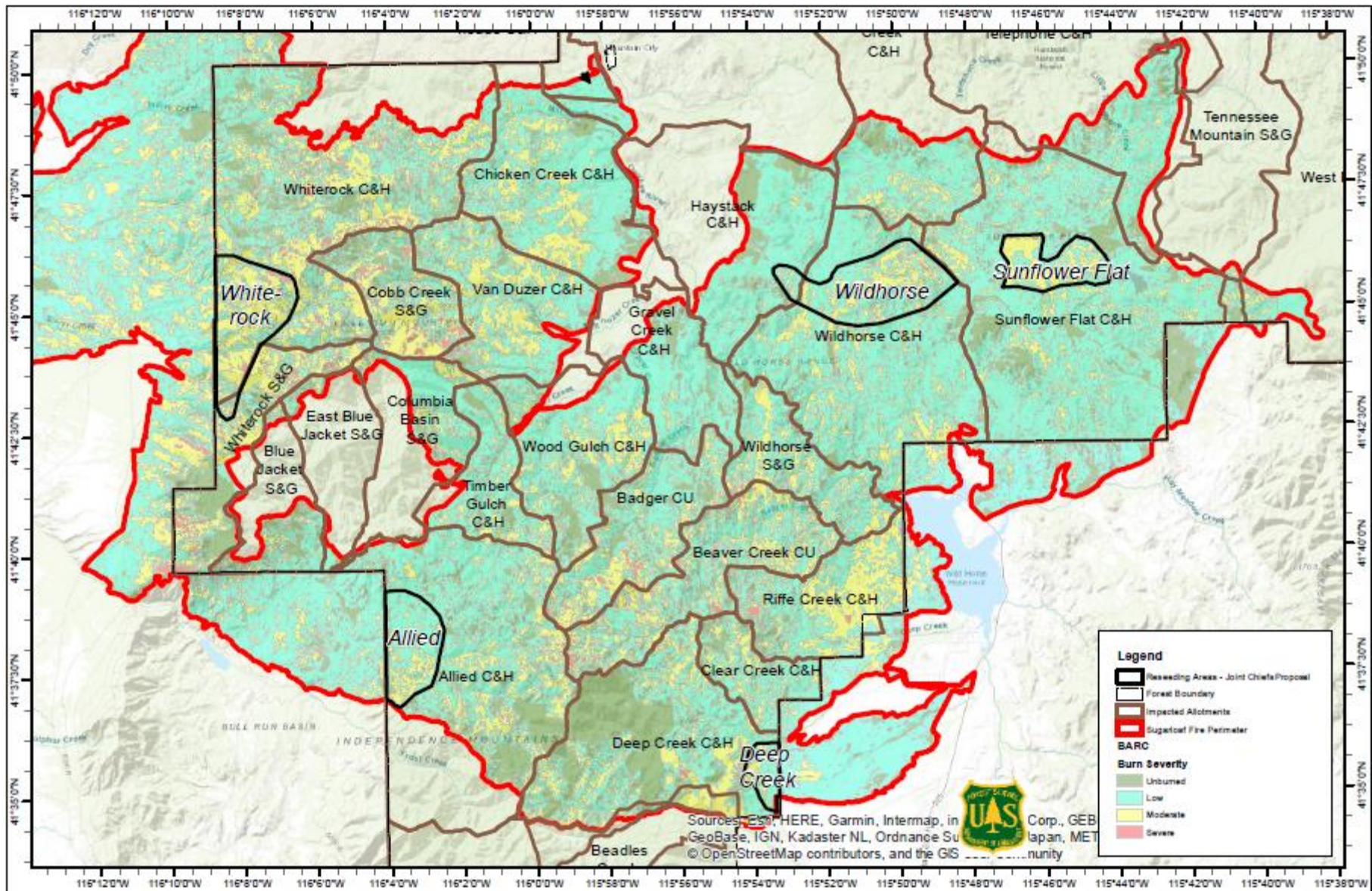
- Joint Chiefs in conjunction with NRCS- denied
- Relief funds- have submitted our requests to the Ro waiting for congress to pass the bill
- Partner funding- DNOW donated seed and application for a subset (est. 2000)



South Sugarloaf BAER: Herbicide Treatment & Reseeding Units

11/15/2018 10:13 hrs

The Forest Service uses the most current and complete data available. GIS data and product accuracy may vary. They may be: developed from sources of differing accuracy, accurate only a certain scales, based on modeling or interpretation, incomplete while being created or revised, etc. Using GIS products for purposes other than those for which they were created, may yield inaccurate or misleading results. The Forest Service reserves the right to correct, update, modify, or replace GIS products without notification.



0 0.5 1 2 3 4 Miles

0 6,000 12,000 24,000 36,000 Feet

Reseeding Units Joint Chiefs Proposal

9/26/2018 1428 hrs

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