



Woodbury Incident Decision

Published
06/09/19 15:56

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1. Decision

1.1. Decision Summary

Decision Information

NAME	VALUE
Published	06/09/2019 15:56 CDT
Estimated Cost	\$500,000
Incident Owner (s)	Mary Lata, Dave Ramirez, Richard Remington
Editor(s)	andrew mandell, Mark Sando, Rocky Gilbert
Reviewer(s)	Aaron Kendall, andrew mandell, Cassandra Begay, Richard Remington, Debbie Cress, Frank Williams, Kelly Jardine, Mary Lata, Neil Bosworth, Rocky Gilbert, Tessa Nicolet
Approver(s)	Mark Sando
Natl Preparedness Level	1

Decision History

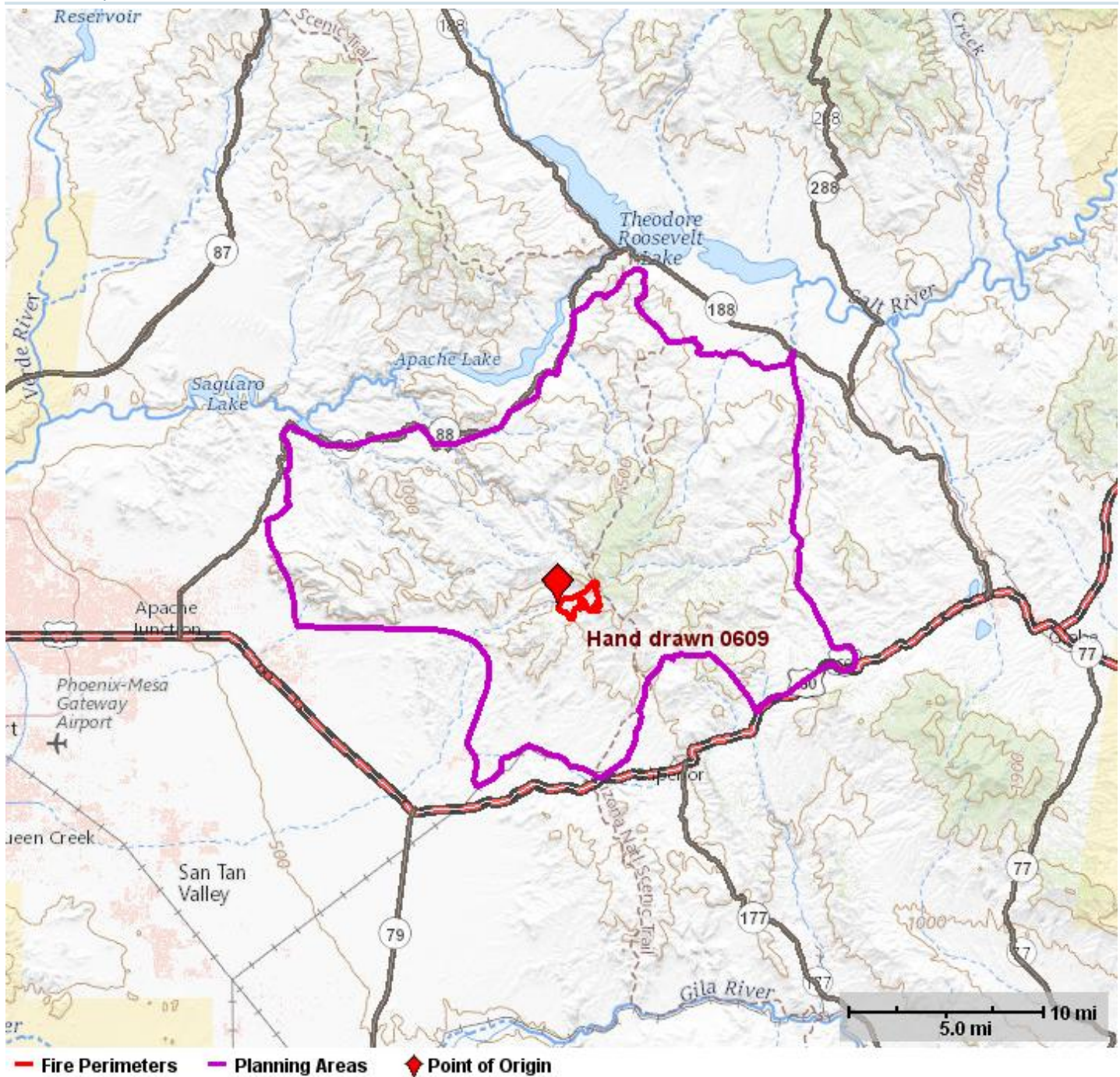
Editor Name	Action	Date (CDT)	Comment
Sando, Mark	Published	06/09/2019 15:56	
Sando, Mark	Approved	06/09/2019 15:56	
Cress, Debbie	Accepted	06/09/2019 15:08	
Lata, Mary	Review Requested	06/09/2019 14:54	
Lata, Mary	Review Requested	06/09/2019 14:54	
Lata, Mary	Created	06/09/2019 14:40	

1.2. Incident Information

Incident Information

NAME	VALUE
Incident Name	Woodbury
Unique Fire Identifier	2019-AZTNF-000579
Responsible Unit Name	Tonto National Forest
FireCode	L951
P-Code	P3L951
Point of Origin	33.40768N / 111.2098 W
Incident Size	1,000acres
Latest Perimeter Size	1,053acres
Incident Cause	Unknown
Incident Type	Wildfire
Incident Discovery	06/08/2019 13:28
Contained	
Controlled	
Out	
Jurisdictional Unit	AZTNF - Tonto National Forest
Jurisdictional Agency(s)	BLM, USFS
Geographic Area (prep level)	Southwest (1)
Owner Name(s)	Mary Lata, Dave Ramirez, Richard Remington

Incident Map



1.3. Weather

Fire Weather Zone Forecast

000
FNUS55 KPSR 090901
FWFPSR
Fire Weather Planning Forecast for Southwest and South-Central
Arizona and Southeast California
National Weather Service Phoenix AZ
201 AM MST Sun Jun 9 2019
.DISCUSSION...
Winds will be fairly light through Monday, but overnight northerly to easterly breezes will be likely over ridgetops and especially across the high terrain of Gila county Monday morning. Occasional afternoon light breezes are also expected, but lighter than the overnight higher terrain breezes. Minimum humidities in the afternoon will fall to around 10 percent everywhere today, but increase to 20-30 percent across the eastern Arizona high terrain on Monday. There will also be a slight chance of showers and thunderstorms across eastern Gila County Monday afternoon.
...Thunderstorms imply gusty winds...
Note...Additional Fire Weather Forecast information can be found in the Area Forecast Discussion. See product PHXAFDPSR.
AZZ133-092115-
Southern Gila County/Tonto National Forest Foothills-
Southern Tonto NF/West San Carlos BIA/South Portion Ft Apache BIA/
CAZ-
201 AM MST Sun Jun 9 2019
.TODAY...
* Sky/weather.....Sunny. Patchy smoke.
* Max Temperature.....87-102.
* 24 hr trend.....5 degrees warmer.
* Min Humidity.....8-13 pct.
* 24 hr trend.....Little change.
* Winds - 20 foot...Slope/Valley..Northeast 5 to 10 mph in the morning becoming west in the afternoon.
* Winds...10000 FT MSL.....North 5 to 15 mph.
* Chance of Precip.....0 percent.
* LAL.....1.
* Haines High Level Index.....6 or high potential for large plume dominated fire growth.
.TONIGHT...
* Sky/weather.....Partly cloudy. Patchy smoke.
* Min Temperature.....59-74.
* 24 hr trend.....5 degrees warmer.
* Max Humidity.....22-41 pct.
* 24 hr trend.....5 pct wetter.
* Winds - 20 foot...Slope/Valley..West 5 to 10 mph in the evening becoming northeast after midnight.
* Winds...10000 FT MSL.....South 10 to 20 mph.
* Chance of Precip.....0 percent.
* LAL.....1.
.MONDAY...
* Sky/weather.....Mostly sunny.
* Max Temperature.....84-102.
* 24 hr trend.....Little change.
* Min Humidity.....15-26 pct.
* 24 hr trend.....11 pct wetter.
* Winds - 20 foot...Slope/Valley..Southeast 10 to 20 mph.
* Winds...10000 FT MSL.....South 10 to 20 mph.
* Chance of Precip.....5 percent.
* LAL.....1.
* Haines High Level Index.....4 or low potential for large plume dominated fire growth.
.EXTENDED...
.TUESDAY...Mostly clear. Lows 57-77. Highs 88-104. South winds 10 to 20 mph.
.WEDNESDAY...Mostly clear. Lows 60-77. Highs 91-106. West winds 5 to 15 mph. Minimum relative humidity may be lower than 15 percent.
.THURSDAY...Mostly clear. Lows 56-77. Highs 89-105. Southwest winds 15 to 25 mph. Minimum relative humidity may be lower than 15 percent.
.FRIDAY...Clear. Lows 54-72. Highs 84-99.
.SATURDAY...Clear. Lows 54-71. Highs 83-97.
\$\$
.8 TO 10 DAY OUTLOOK...Sunday June 16th through Tuesday June 18th: Above normal temperatures and near median precipitation.

1.4. Modeling

1.5. Risk

Relative Risk

NAME	VALUE
Relative Risk High	
Duration	Moderate
Saved By	Lata, Mary
Completed	06/09/2019 14:23 CDT

Relative Risk Notes

Winter and spring moisture was very high, so the fine surface fuel load (grasses) are exceptionally high, though live shrub moistures are still moderate. So, there is good spread potential because of the continuity of the fine surface fuel loading. Where there is brome under shrubs, they're burning even with the higher fuel moistures. Much of the shrubby area that is burning hasn't burned for at least a couple of decades, so the dead woody component is flammable, and burning readily. As of right now (Sunday, June 9th, 1100, we haven't seen it burning yet in PJ, though the needles and foliage should have moderate to high moisture levels, and wouldn't be expected to torch. "Moderate" duration for this fire suggests that it could last for weeks, but not months, and is expected to be considerably longer than just a few days before it's all over.

Values Notes

Values at risk include: JF Ranch, endangered cacti, Golden Eagle nests, Angel Basin Cliff Dwellings, Range improvements, livestock circle stone structure, and various other structures and cabins. Nothing immediately threatened. Smoke will be visible from highways and local communities, trail and road closures may be implemented.

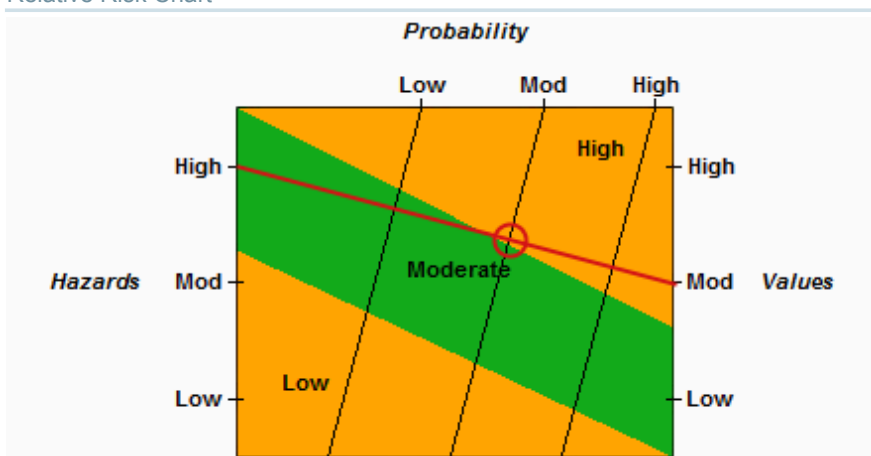
Hazards Notes

Surface fine fuel load is much higher than average because of moisture levels in the last few months - so, fast rates of spread and contiguous fine fuel loads. Chaparral, species which make up much of the area currently burning, has a high dead component, so it's burning well. Flame lengths greater than 50 feet reported yesterday (June 8th)

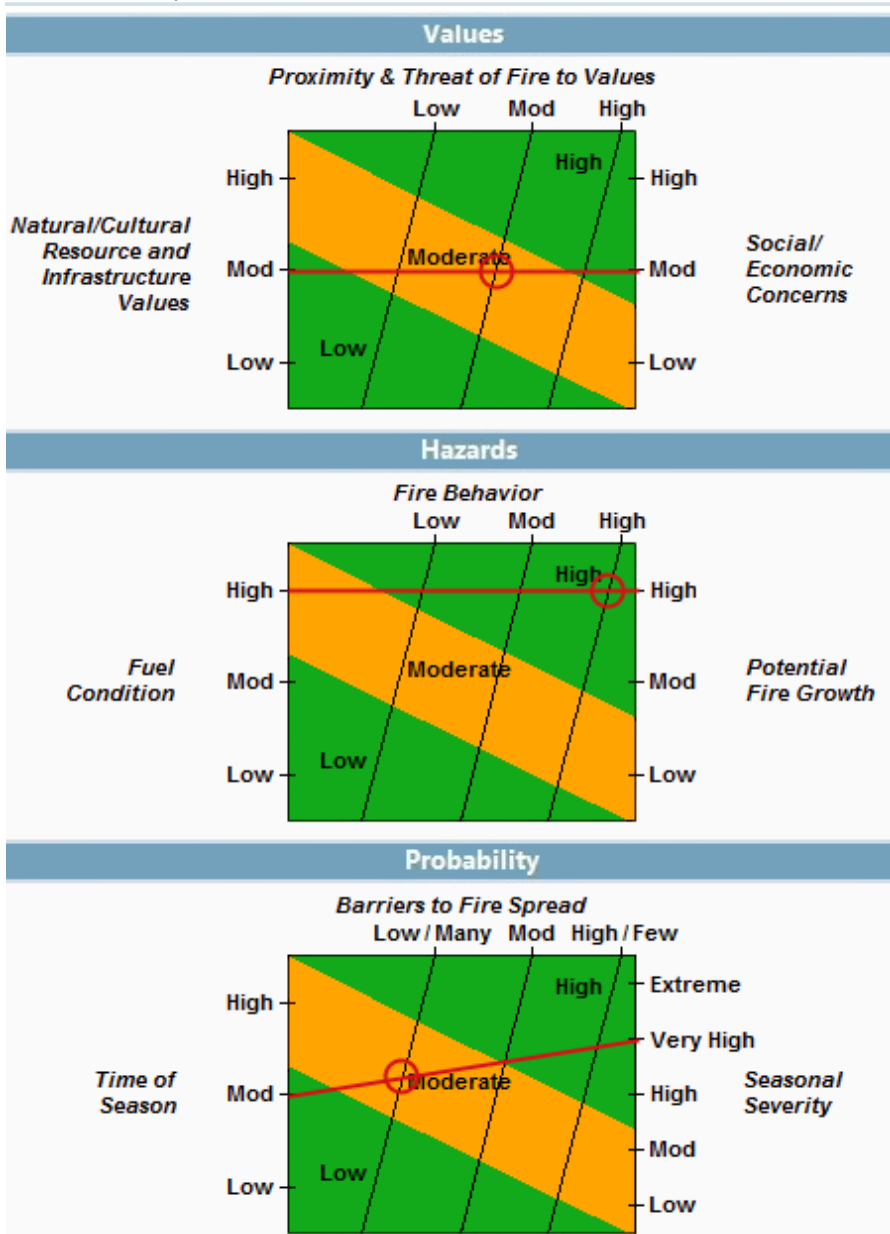
Probability Notes

Fire is moving into wilderness, where the only barriers are trails (which won't hold) and random areas of rock/sparse veg. As described above, fine surface fuel loading is exceptionally high and, though live fuel moisture in shrubs is currently moderate, there is a high dead component in shrub fuels that is burning well. Fire is moving up into PJ, up by Rogers Trough.

Relative Risk Chart



Relative Risk Inputs



Organization Assessment

NAME	VALUE
Unit Recommended Org Type 3	
Saved By	Lata, Mary
Completed	06/09/2019 14:39 CDT

Organization Assessment Notes

There are few values at risk at this time and resources are not currently a concern. The fire is burning into the Superstition Wilderness. Few management actions are needed at this time to align forest plan direction for wilderness objectives with the expected fire behavior and effects.

Relative Risk Notes

Winter and spring moisture was very high, so the fine surface fuel load (grasses) are exceptionally high, though live shrub moistures are still moderate. So, there is good spread potential because of the continuity of the fine surface fuel loading. Where there is brome under shrubs, they're burning even with the higher fuel moistures. Much of the shrubby area that is burning hasn't burned for at least a couple of decades, so the dead woody component is flammable, and burning readily. As of right now (Sunday, June 9th, 1100, we haven't seen it burning yet in PJ, though the needles and foliage should have moderate to high moisture levels, and wouldn't be

expected to torch. "Moderate" duration for this fire suggests that it could last for weeks, but not months, and is expected to be considerably longer than just a few days before it's all over.

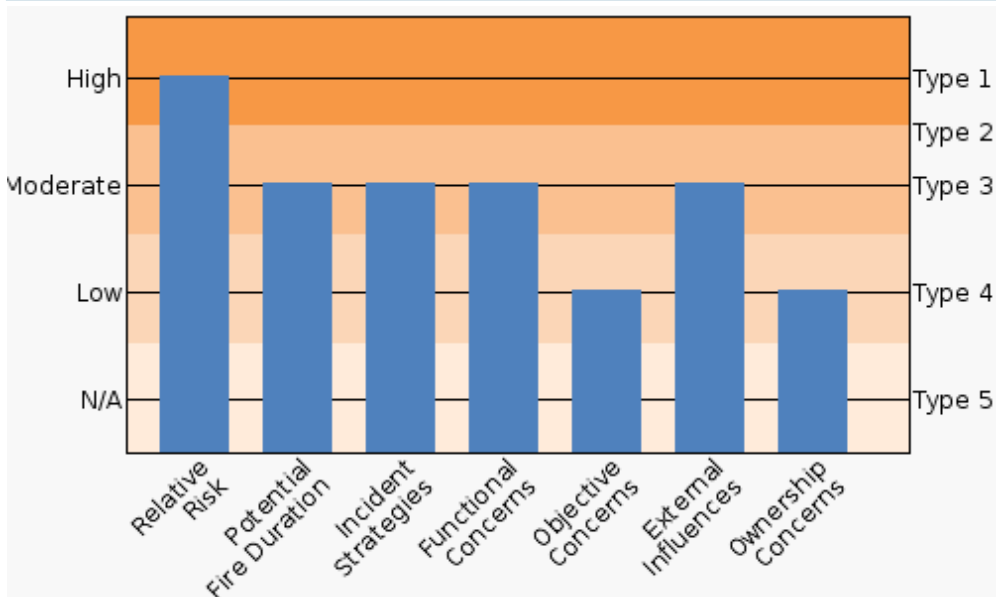
Implementation Difficulty Notes

Access is difficult, location is remote and rugged. Fire behavior is active, and temperatures are very high, limiting crew activity.

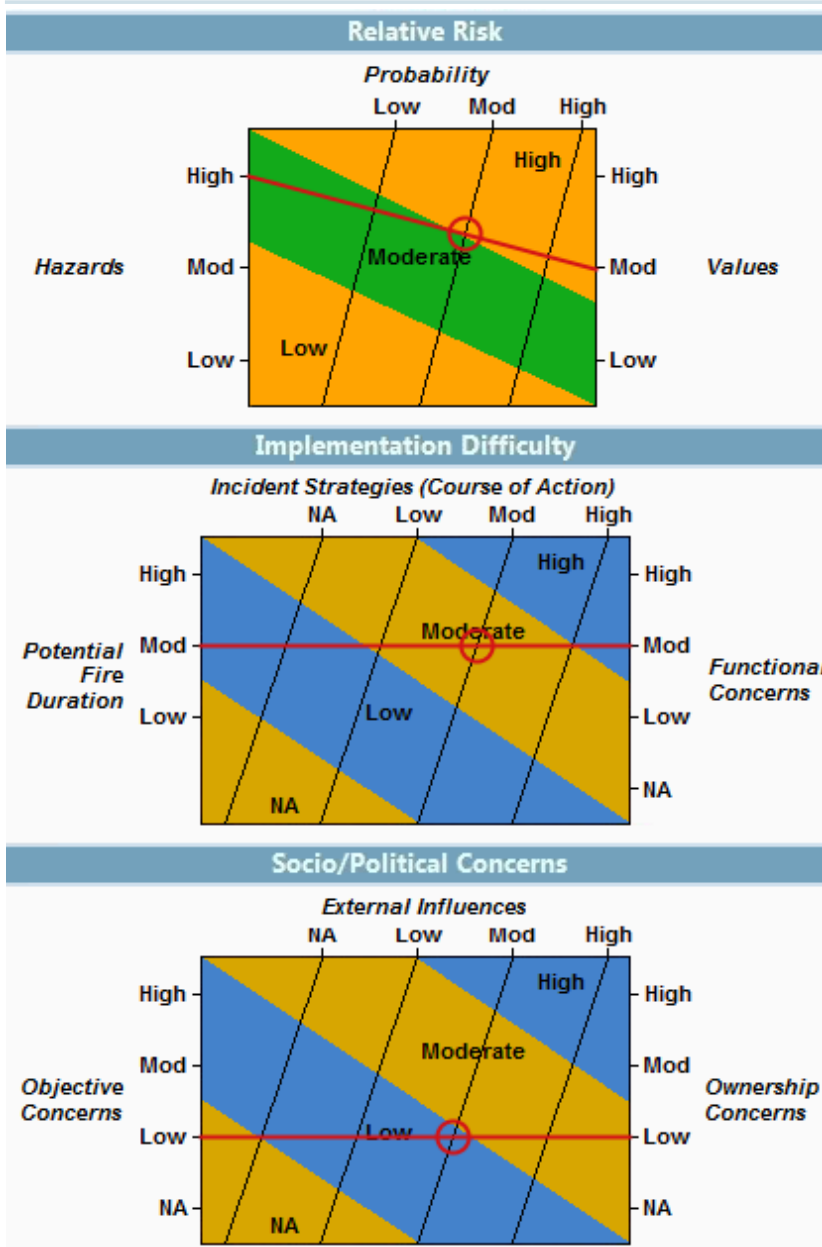
Socio/Political Concerns Notes

Smoke is highly visible, from a large area, and there has been a lot of interest via phone/facebook/websites.

Organization Assessment Chart



Unit Recommended Org: Type 3



Planning Area Values Inventory Generated at 06/09/2019 14:05

NAME	VALUE
Planning Area Name	06/09/2019 15:56
Incident Name	Woodbury
Planning Area Size	264,286 acres

Category	Value	Data Source	Currency	Coverage
AZTNF - Lands / Designations / Special Mgt Areas	167 acres	AZTNF		Unit
BLM Admin Boundaries: Lower Sonoran	238,633 acres	BLM National Operations Center (NOC)	03/11/2018	CONUS, AK
BLM Admin Boundaries: Safford	25,654 acres	BLM National Operations Center (NOC)	03/11/2018	CONUS, AK
BLM Range Allotments	1,068 acres	BLM	03/11/2019	National
Building Clusters: Gila, AZ	8	US Counties / FGDC Cadastral Subcomm.		Available counties
Building Clusters: Maricopa, AZ	8	US Counties / FGDC Cadastral Subcomm.		Available counties

Category	Value	Data Source	Currency	Coverage
Building Clusters: Pinal, AZ	22	US Counties / FGDC Cadastral Subcomm.		Available counties
Class 1 Airsheds	158,659 acres	NPS Air Resources Division	Various	National
Communication Towers	38	HIFLD	01/2018	National
County: Gila, AZ	34,344 acres	US Census Bureau, TIGER/Line	2018	National
County: Maricopa, AZ	99,309 acres	US Census Bureau, TIGER/Line	2018	National
County: Pinal, AZ	130,634 acres	US Census Bureau, TIGER/Line	2018	National
Electric Sub Stations	1	HIFLD Open Data(CONUS,PR), HSIP GOLD(AK,HI)	07/24/2017 (CONUS,PR), 2015 (AK,HI)	National
Electric Transmission Lines	64.2 miles	HIFLD Open Data(CONUS,PR), HSIP GOLD(AK,HI)	07/24/2017 (CONUS,PR), 2015 (AK,HI)	National
Est Ground Evac Time: 1-2 Hrs	64,427 acres	National Park Service NIFC	11/01/2012	CONUS
Est Ground Evac Time: 2-4 Hrs	108,812 acres	National Park Service NIFC	11/01/2012	CONUS
Est Ground Evac Time: 4-6 Hrs	46,525 acres	National Park Service NIFC	11/01/2012	CONUS
Est Ground Evac Time: 6+ Hrs	11,953 acres	National Park Service NIFC	11/01/2012	CONUS
Habitat: Yellow-Billed Cuckoo	384 acres	US Fish and Wildlife Service	02/05/19	National
Jurisdictional Agency: BLM	280 acres	Various	05/29/2015	National
Jurisdictional Agency: USFS	257,868 acres	Various	05/29/2015	National
Natl Scenic Byways	9.8 miles	NPS	2/28/2019	National
Other Areas: Superstition Wilderness Water Sources, Plo 5368	697 acres	USGS PADUS 1.4	03/13/2019	National
Ozone Non-Attainment	99,312 acres	EPA	06/05/2012	National
Roads	10.1 miles	NAVTEQ	11/2012	National
USFS Admin Boundaries: Tonto National Forest	260,378 acres	USFS	02/11/2019	National
USFS Buildings	11	USFS	02/21/2019	National
Wilderness: Superstition Wilderness	158,522 acres	Wilderness.net	01/31/19	National

Coverage of Values Queried that Produced No Results

BIA Admin Boundaries (National), BLM Buildings (BLM Lands), BLM Horse and Burro (National), BLM Oil / Gas Leases (National), Campgrounds (National (BLM and USFS only)), Electric Power Plants (National), Estimated Population (National), IRA (National), Mines (National), NPS Admin Boundaries (National), NPS Buildings (All NPS), NRA (National), Natl Historic Trails (National), Natl Recreation Trails (National), Natl Scenic Trails (National), Oil and Gas Pipelines (National), Particulates Non-Attainment (National), Responsible Agency (AK, CA, ID, MT, NM, MN), Sage Grouse Habitat (National), TNC Lands (National), USFWS Admin Boundaries (National), USFWS Trails (National), WSA (National)

1.6. Benefits

1.7. Objectives

Incident FMU/Strategic Objective Code List

Unit	FMU/Strat Obj Code	Acres
AZA4S	Private - Private Land	536
AZA4S	State - State Trust Land	3,038
AZPHD	AZ_PHD_001 - PHD Desert South of I-10	280
AZTNF	2A - Globe RD Superstition Wilderness	23,941
AZTNF	2F - Globe RD General Management Area	48,604
AZTNF	3B - Mesa RD Superstition Wilderness (Eastern Half)	60,178
AZTNF	3C - Mesa RD Superstition Wilderness (Western Half)	52,086
AZTNF	3F - Mesa RD Lower Salt River Recreation Area	377
AZTNF	3I - Mesa RD General Management Area	29,965
AZTNF	6B - Tonto Basin RD Superstition Wilderness	22,358
AZTNF	6F - Tonto Basin RD Roosevelt and Apache Lakes Recreation Area	14
AZTNF	6J - Tonto Basin RD General Management Area	22,862

Spatial Fire Planning Inventory

Category	Value	Data Source	Currency	Coverage
Mgmt Req: Recreation Sites	1 acres	AZTNF	Current	Unit Level
Mgmt Req: Sonoran Desert	112,237 acres	AZTNF	Current	Unit Level
Retardant Avoidance	307 acres	USFS Enterprise Data Warehouse	04/01/2018	National (USFS Units only)

Incident Objective List

Activated	Incident Objective
06/09/2019	Ensure firefighter, aviation, and public safety through clear, concise leader's intent, work prioritization and implementation of fundamental firefighter principles with thorough risk informed decisions.
06/09/2019	Use appropriate strategies and tactics to manage fire spread and severity.
06/09/2019	Evaluate the need for road, trail, and area closures and implement as necessary.
06/09/2019	Minimize adverse effects to the Sonoran Desert ecosystem.
06/09/2019	Protect and minimize suppression impacts to natural and cultural resources, threatened and endangered species habitat, structural improvements, and livestock forage.
06/09/2019	Maintain and develop partnerships and relationships with stakeholders, cooperators, and the public, through timely and accurate information, while continually identifying smoke and other impacts to communities.
06/09/2019	Where suppression is the appropriate strategy, utilize suppression strategies which provide for a high probability of success to protect priority values at risk.

Incident Requirement List

Activated	Incident Requirement
06/09/2019	Ensure retardant avoidance zones are known and observed.
06/09/2019	Avoid retardant drops on known Golden Eagle cliff nest sites.

Strategic Objective List

Unit	Shape/FMU	Activated	Strategic Objective
AZA4S	<Unit>	05/24/2016	AZSF will utilize appropriate management strategies and tactics on all wildland fires with emphasis on firefighter and public safety, considering minimizing suppression costs, benefits, and values to be protected.
AZPHD	AZ_PHD_001	04/29/2014	<ul style="list-style-type: none"> • Management response to unplanned ignitions will be full suppression for all lands within the LSFO Planning Area (<i>Lower Sonoran ROD & ARMP, September 2012, pg. 2-45</i>). • Limit the extent of wildfires and the impact of fire suppression efforts on wildlife, plant communities, and natural and cultural features (<i>Lower Sonoran ROD & ARMP, September 2012, pg. 2-46</i>). • Reduce the frequency of human-caused wildland fires and minimize the total number of acres burned within the Planning Area (<i>Lower Sonoran ROD & ARMP, September 2012, pg. 2-46</i>). • For all fire management activities, a focus will be to maintain or improve habitat for federally threatened, endangered, proposed, and candidate species (<i>Lower Sonoran ROD & ARMP, September 2012, pg. 2-47</i>). • For all fire management activities, efforts will be made to reduce the impacts on natural and cultural resources (<i>Lower Sonoran ROD & ARMP, September 2012, pg. 2-51</i>).
AZTNF	<Unit>	08/17/2013	On all Class E or bigger fires, an Interdisciplinary (ID) team will determine the need for fire rehabilitation and resource protection, including the option for assigning a Burned Area Rehabilitation Team (BAER Team).
AZTNF	2A	08/17/2013	<p>All reported wildland fires will receive a strategic fire size-up. Wildland fires meeting locally developed operating guidelines listed below may be managed for resource benefit:</p> <ol style="list-style-type: none"> 1. Fire cause is from a natural ignition 2. Fire does not threaten life, property, public and firefighter safety. 3. Fire does not threaten fire sensitive cultural resources. 4. ADEQ, Air Quality Division procedures and guidelines for consultation and management of smoke will be implemented. 5. Wildland Fire managed for resource benefit must meet Tonto, Regional, and National fire situation parameters. 6. No site specific resource objective is threatened.
AZTNF	2A	08/17/2013	Resource benefit optional - management of fire for resource benefits can be considered
AZTNF	2A	08/17/2013	For each wildland fire located in an FMU approved for wildland fire use and naturally ignited, a decision criteria checklist will be prepared to determine whether or not it should be declared a Wildland Fire use candidate.
AZTNF	2A	08/17/2013	Suppression of fires, or portions thereof, will be undertaken where they adversely affect forest resources, endanger public safety and/or have a potential to damage private lands.
AZTNF	2A	08/17/2013	All suppression efforts will emphasize minimum impact strategies. Use of mechanized equipment for fireline construction is discouraged. Where use is necessary, rehabilitation will be implemented.
AZTNF	2F	08/19/2013	Resource benefit optional - management of fire for resource benefits can be considered
AZTNF	2F	08/17/2013	<p>All reported wildland fires will receive a strategic fire size-up. Wildland fires meeting locally developed operating guidelines listed below may be managed for resource benefit:</p> <ol style="list-style-type: none"> 1. Fire cause is from a natural ignition 2. Fire does not threaten life, property, public and firefighter safety. 3. Fire does not threaten fire sensitive cultural resources. 4. ADEQ, Air Quality Division procedures and guidelines for consultation and management of smoke will be implemented. 5. Wildland Fire managed for resource benefit must meet Tonto, Regional, and National fire situation parameters. 6. No site specific resource objective is threatened.
AZTNF	2F	08/17/2013	For each wildland fire located in an FMU approved for wildland fire use and naturally ignited, a decision criteria checklist will be prepared to determine whether or not it should be declared a Wildland Fire use candidate.
AZTNF	2F	08/17/2013	Suppression of fires, or portions thereof, will be undertaken where they adversely affect forest resources, endanger public safety and/or have a potential to damage private lands.

Strategic Objective List

Unit	Shape/FMU	Activated	Strategic Objective
AZTNF	3B	08/17/2013	All suppression efforts will emphasize minimum impact strategies. Use of mechanized equipment for fireline construction is discouraged. Where use is necessary, rehabilitation will be implemented.
AZTNF	3B	08/17/2013	All reported wildland fires will receive a strategic fire size-up. Wildland fires meeting locally developed operating guidelines listed below may be managed for resource benefit: <ol style="list-style-type: none"> 1. Fire cause is from a natural ignition 2. Fire does not threaten life, property, public and firefighter safety. 3. Fire does not threaten fire sensitive cultural resources. 4. ADEQ, Air Quality Division procedures and guidelines for consultation and management of smoke will be implemented. 5. Wildland Fire managed for resource benefit must meet Tonto, Regional, and National fire situation parameters. 6. No site specific resource objective is threatened.
AZTNF	3C	08/17/2013	All suppression efforts will emphasize minimum impact strategies. Use of mechanized equipment for fireline construction is discouraged. Where use is necessary, rehabilitation will be implemented.
AZTNF	3C	08/17/2013	All reported wildland fires will receive a strategic fire size-up. Wildland fires meeting locally developed operating guidelines listed below may be managed for resource benefit: <ol style="list-style-type: none"> 1. Fire cause is from a natural ignition 2. Fire does not threaten life, property, public and firefighter safety. 3. Fire does not threaten fire sensitive cultural resources. 4. ADEQ, Air Quality Division procedures and guidelines for consultation and management of smoke will be implemented. 5. Wildland Fire managed for resource benefit must meet Tonto, Regional, and National fire situation parameters. 6. No site specific resource objective is threatened.
AZTNF	3F	08/17/2013	All reported wildland fires will receive a strategic fire size-up. Wildland fires meeting locally developed operating guidelines listed below may be managed for resource benefit: <ol style="list-style-type: none"> 1. Fire cause is from a natural ignition 2. Fire does not threaten life, property, public and firefighter safety. 3. Fire does not threaten fire sensitive cultural resources. 4. ADEQ, Air Quality Division procedures and guidelines for consultation and management of smoke will be implemented. 5. Wildland Fire managed for resource benefit must meet Tonto, Regional, and National fire situation parameters. 6. No site specific resource objective is threatened.
AZTNF	3I	08/17/2013	Prevent Wildland Fire from destroying developed recreation improvements, including a five-chain wide buffer surrounding them.
AZTNF	3I	08/17/2013	All reported wildland fires will receive a strategic fire size-up. Wildland fires meeting locally developed operating guidelines listed below may be managed for resource benefit: <ol style="list-style-type: none"> 1. Fire cause is from a natural ignition 2. Fire does not threaten life, property, public and firefighter safety. 3. Fire does not threaten fire sensitive cultural resources. 4. ADEQ, Air Quality Division procedures and guidelines for consultation and management of smoke will be implemented. 5. Wildland Fire managed for resource benefit must meet Tonto, Regional, and National fire situation parameters. 6. No site specific resource objective is threatened.
AZTNF	6F	09/05/2013	Resource benefit optional - management of fire for resource benefits can be considered
AZTNF	6F	09/05/2013	For each wildland fire located in an FMU approved for wildland fire use and naturally ignited, a decision criteria checklist will be prepared to determine whether or not it should be declared a Wildland Fire use candidate.
AZTNF	6F	09/05/2013	All reported wildland fires will receive a strategic fire size-up. Wildland fires meeting locally developed operating guidelines listed below may be managed for resource benefit: <ol style="list-style-type: none"> 1. Fire cause is from a natural ignition 2. Fire does not threaten life, property, public and firefighter safety. 3. Fire does not threaten fire sensitive cultural resources.

Strategic Objective List

Unit	Shape/FMU	Activated	Strategic Objective
			<ol style="list-style-type: none"> 4. ADEQ, Air Quality Division procedures and guidelines for consultation and management of smoke will be implemented. 5. Wildland Fire managed for resource benefit must meet Tonto, Regional, and National fire situation parameters. 6. No site specific resource objective is threatened.
AZTNF	6F	09/05/2013	Designated Wildland Fires managed for resource benefit will be monitored according to established guidelines.
AZTNF	6F	09/05/2013	Suppression of fires, or portions thereof, will be undertaken where they adversely affect forest resources, endanger public safety and/or have a potential to damage private lands
AZTNF	6J	09/05/2013	<p>All reported wildland fires will receive a strategic fire size-up. Wildland fires meeting locally developed operating guidelines listed below may be managed for resource benefit:</p> <ol style="list-style-type: none"> 1. Fire cause is from a natural ignition 2. Fire does not threaten life, property, public and firefighter safety. 3. Fire does not threaten fire sensitive cultural resources. 4. ADEQ, Air Quality Division procedures and guidelines for consultation and management of smoke will be implemented. 5. Wildland Fire managed for resource benefit must meet Tonto, Regional, and National fire situation parameters. 6. No site specific resource objective is threatened.
AZTNF	6J	09/05/2013	Designated Wildland Fires managed for resource benefit will be monitored according to established guidelines.
AZTNF	6J	09/05/2013	For each wildland fire located in an FMU approved for wildland fire use and naturally ignited, a decision criteria checklist will be prepared to determine whether or not it should be declared a Wildland Fire use candidate.
AZTNF	6J	09/05/2013	Suppression of fires, or portions thereof, will be undertaken where they adversely affect forest resources, endanger public safety and/or have a potential to damage private lands

Management Requirement List

Unit	Shape/FMU	Activated	Management Requirement
	Retardant Avoidance	05/31/2012	<p>The aerial application of fire retardant is allowed for fighting fires. Aerially delivered fire retardant should not be applied to any mapped terrestrial avoidance area, waterway or buffer. The only exception to using aerially applied fire retardant in avoidance areas is for the protection of human life or public safety. The Incident Commander is the decision maker.</p> <p>Information concerning the Record of Decision for the Aerial Application of Fire Retardant is available at https://www.fs.fed.us/fire/retardant/index.html</p>
AZPHD	<Unit>	04/29/2014	<p>Smoke Management</p> <ul style="list-style-type: none"> • During the course of management of a wildland fire, fire managers will document potential smoke impacts on public health and safety as well as sensitive receptor sites. • Fire managers will coordinate appropriate and timely smoke monitoring and reporting with Arizona Department of Environmental Quality (ADEQ). Smoke monitoring may include: meteorological conditions; plume observations and documentation; smoke dispersal; and/or particulate monitoring. • Appropriate and applicable wildland fire management opportunities to reduce smoke impacts will be considered and documented (i.e. under "Courses of Action" in WFDSS). • Public information should be provided regarding potential smoke impacts on public health and safety as well as potential smoke impacts on sensitive receptors.
AZPHD	AZ_PHD_001	04/29/2014	<ul style="list-style-type: none"> • Ensure firefighter and public safety is the highest priority in every fire or fuels management activity. Set priorities among protecting residences, community infrastructure, and other man-made property and improvements (<i>Lower Sonoran ROD & ARMP, September 2012, pg. 2-45</i>). • Resource advisors from the BLM will be designated to coordinate natural resource concerns, including federally protected species. They will also serve as a field contact representative responsible for coordination with the USFWS. Duties will include identifying protective measures endorsed by the field office manager, and delivering these measures to the incident commander; surveying prospective campsites, aircraft landing, and fueling sites; and performing other duties necessary to ensure adverse effects on federally

Unit	Shape/FMU	Activated	Management Requirement
			<p>protected species and their habitats are minimized. On-the-ground monitors will be designated and used when fire suppression activities occur within identified occupied or suitable habitat for federally protected species (<i>Lower Sonoran ROD & ARMP, September 2012, pg. 2-51</i>).</p> <ul style="list-style-type: none"> • All personnel on the fire (firefighters and support personnel) will be briefed and educated by resource advisors or designated supervisors about listed species and the importance of minimizing impacts on individuals and their habitats. All personnel will be informed of the conservation measures designed to minimize or eliminate take of the species present. This information is best identified in the incident objectives (<i>Lower Sonoran ROD & ARMP, September 2012, pg. 2-51</i>). • Implement general and species-specific conservation measures to the extent possible to minimize harm to federally listed, proposed, or candidate species within the action area (<i>Lower Sonoran ROD & ARMP, September 2012, pg. A-24</i>). • Fire suppression and rehabilitation in riparian corridors will be coordinated with the resource advisor or qualified biologist approved by the BLM (<i>Lower Sonoran ROD & ARMP, September 2012, pg. 2-52</i>). • Conduct all fire management activities within ACECs and along the Anza NHT in a manner that will avoid or minimize degradation of these areas and values that have been identified in the respective legislative designations for these areas (<i>Lower Sonoran ROD & ARMP, September 2012, pg. 2-51</i>). • Ensure fire management activities in wilderness areas are compatible with the applicable wilderness plan (<i>Lower Sonoran ROD & ARMP, September 2012, pg. 2-51</i>). • Develop effective interagency and community interactions and cooperation to meet wildland-fire and fuel-management strategies and landscape-scale resource condition objectives across administrative boundaries (<i>Lower Sonoran ROD & ARMP, September 2012, pg. 2-54</i>). • Fire suppression will be carried out in a manner consistent with Interagency Standards for Fire and Fire Aviation Operations (<i>Lower Sonoran ROD & ARMP, September 2012, pg. A-23</i>).
AZPHD	AZ_PHD_001	04/29/2014	<ul style="list-style-type: none"> • Protect all known cultural resources from disturbance. Fire management activities will continue to avoid disturbing known archaeological sites or sites found during such activities. Fires will not be intentionally started at known sites. Archaeologists will serve as resource advisors for fire management and help develop and implement fire and fuels management plans, which would address effects on cultural resources. Fire crews will be educated about the need to protect cultural resources (<i>Lower Sonoran ROD & ARMP, September 2012, pg. A-23</i>). • Use suppression tactics that limit damage or disturbance to the habitat and landscape. Use no heavy equipment (such as dozers) unless approved (<i>Lower Sonoran ROD & ARMP, September 2012, pg. A-23</i>). • Use MIST, comply with the management plan to the maximum extent possible, and coordinate with resource advisors (<i>Lower Sonoran ROD & ARMP, September 2012, pg. A-24</i>). • Use of all fire chemicals will be accomplished in accordance with guidelines in the Interagency Policy for Aerial and Ground Delivery of Wildland Fire Chemicals near Waterways and Other Avoidance Areas (<i>Interagency Standards for Fire and Fire Aviation Operations, 2014 and as updated</i>). • The Federal Land Manager or State Land Manager (F/SLM) in whose jurisdiction a wildfire occurs shall make available to ADEQ no later than the day after the activity all required information for wildfire incidents that burned more than 100 acres per day in timber or slash fuels or 300 acres per day in brush or grass fuels. For each day of a wildfire incident that exceeds the daily activity threshold, the F/SLM shall provide the location, an estimate of predominant fuel type and quantity consumed, and an estimate of the area blackened that day (<i>Arizona Administrative Code. Title 18. Environmental Quality, Chapter 2. Department of Environmental Quality-Air Pollution Control, Article 15. Forest and Range Management Burns 2004</i>).
AZTNF	<Unit>	08/17/2013	Management activities will be planned so that air quality will equal to or better than that required by applicable Federal, State, and local standards or regulations.
AZTNF	<Unit>	09/05/2013	Wildland Fires threatening the Wildland/Urban Interface will have high suppression priority
AZTNF	Recreation Sites	09/05/2013	Prevent Wildland Fire from destroying developed recreation improvements, including a five-chain wide buffer surrounding them.
AZTNF	Sonoran Desert	09/05/2013	Wildland Fire occurring within the Sonoran Desert and riparian communities will receive an appropriate management response. Suppression strategy is to minimize damage within this ecosystem.

1.8. Course of Action

Course of Action

Active	Inactive	Action Item
06/09/2019		Current, the fire is meeting objectives. Monitoring will continue to assess the situation and adapt management actions if/as needed.

1.9. Cost

Estimated Final Cost

NAME	VALUE
Estimated Final Cost	\$500,000
Method(s) Used	Historic Costs

Comments

The majority of the costs thus far were incurred by using VLATs to keep the fire from moving south.

1.10. Rationale

Initial decision for Woodbury

My decision is ...

Discuss what is allowed in the overarching land management plan, the probability of being successful, expected duration of the incident, what was considered but rejected. District resource specialists concur with current decision.