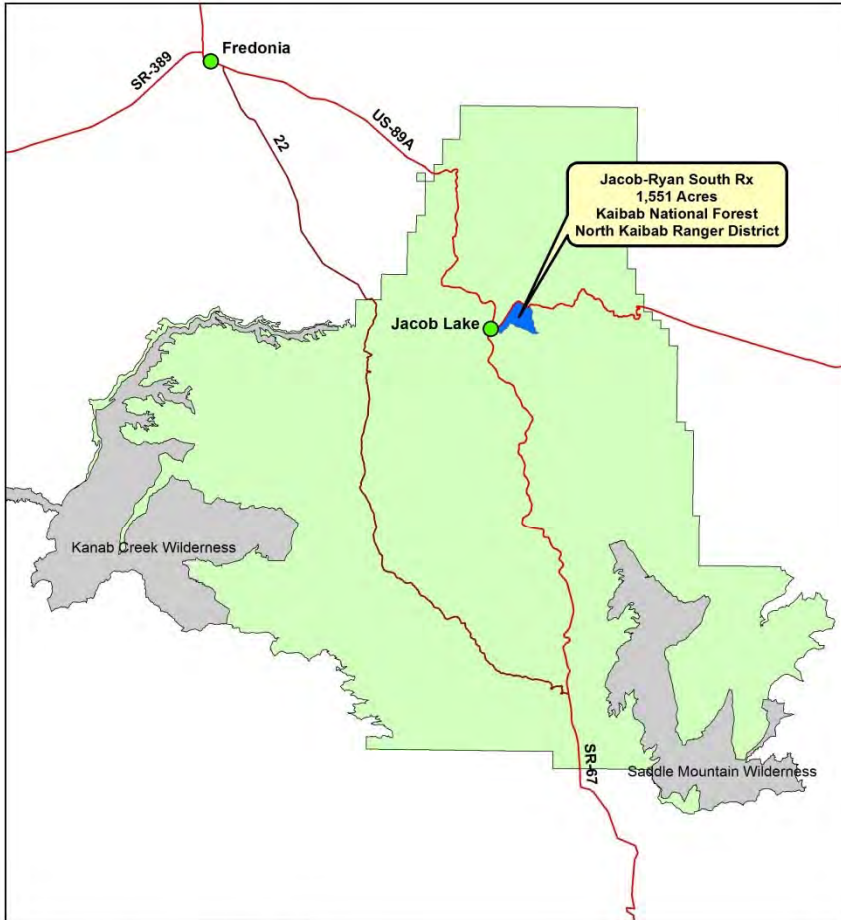




MANAGING and MITIGATING SMOKE IMPACTS within the WILDLAND URBAN INTERFACE on the KAIBAB PLATEAU

DAVID ROBINSON
FUELS SPECIALIST
NORTH RIM- GRAND CANYON NATIONAL PARK
NORTH KAIBAB RD- KAIBAB NATIONAL FOREST

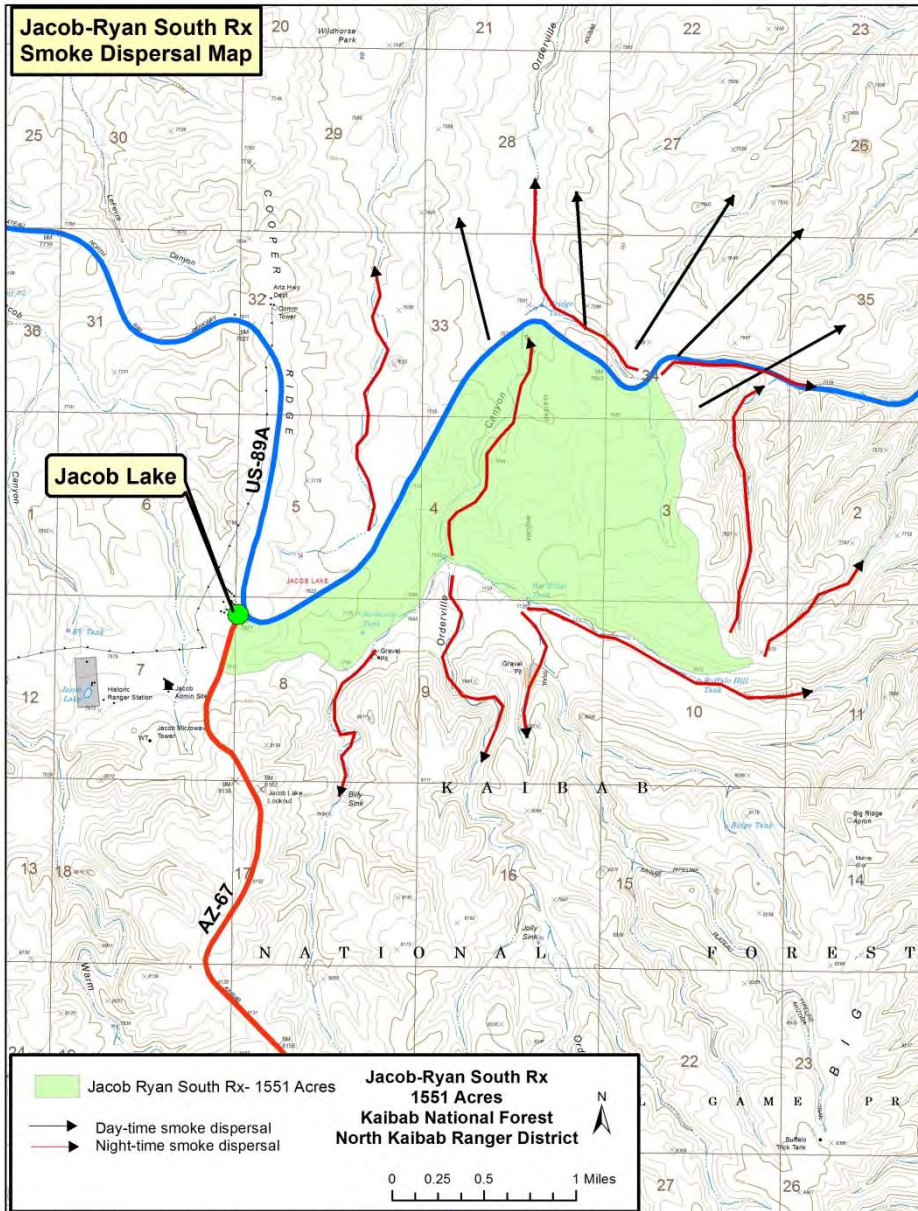




Jacob-Ryan South Rx
1,551 Acres
Kaibab National Forest
North Kaibab Ranger District

0 4 8 16 Miles





ELEMENT	RANGE
TEMPERATURE	40-80
30 MINUTE AVERAGE RELATIVE HUMIDITY	15% - 50%
WIND DIRECTION	ALL (South-West Preferred)
30 MINUTE AVERAGE MIDFLAME WINDSPEED	2-10 mph
FUEL MOISTURE	
1 HOUR	3-15%
10 HOUR	3 - 20 %



U.S. Department of the Interior
National Park Service
Grand Canyon National Park

U.S. Department of Agriculture
United States Forest Service
Kaibab National Forest

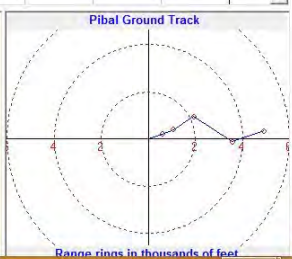
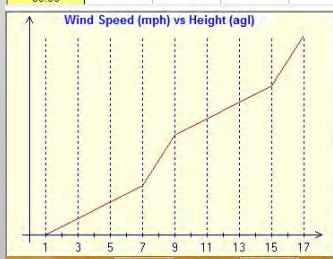
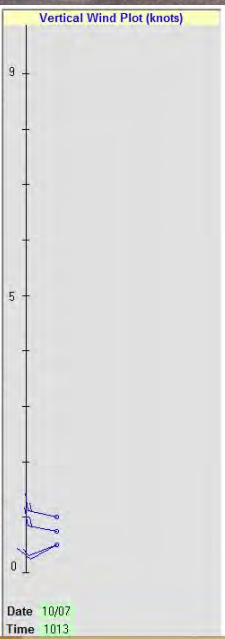




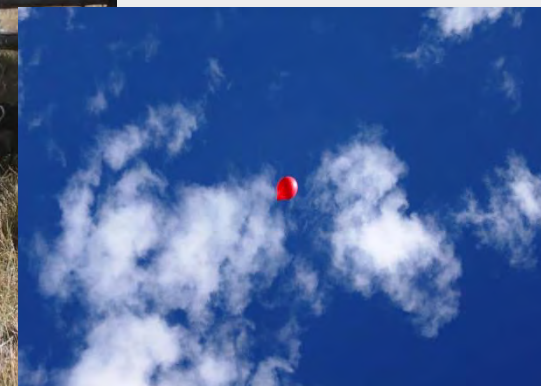
groupsite Pibal
Tuesday, October 7, 2014

Run Time: 1013 LDT
Site Wind: west/1

Time	Pibal Readings		Balloon Height			Calculated Winds	
	Elevation	Azimuth	MSL (ft)	AGL (ft)	Direction	Speed(mph)	Speed(kts)
00:00	0	0	7920	0	west	1	1
00:30	36	72	8169	249	250	7	6
01:00	41	70	8419	499	241	9	8
01:30	33	64	8668	748	281	15	13
02:00	28	92	8921	1001	282	17	15
02:30							
03:00							
03:30							
04:00							
04:30							
05:00							
05:30							
06:00							
06:30							
07:00							
07:30							
08:00							



Date 10/07
Time 1013

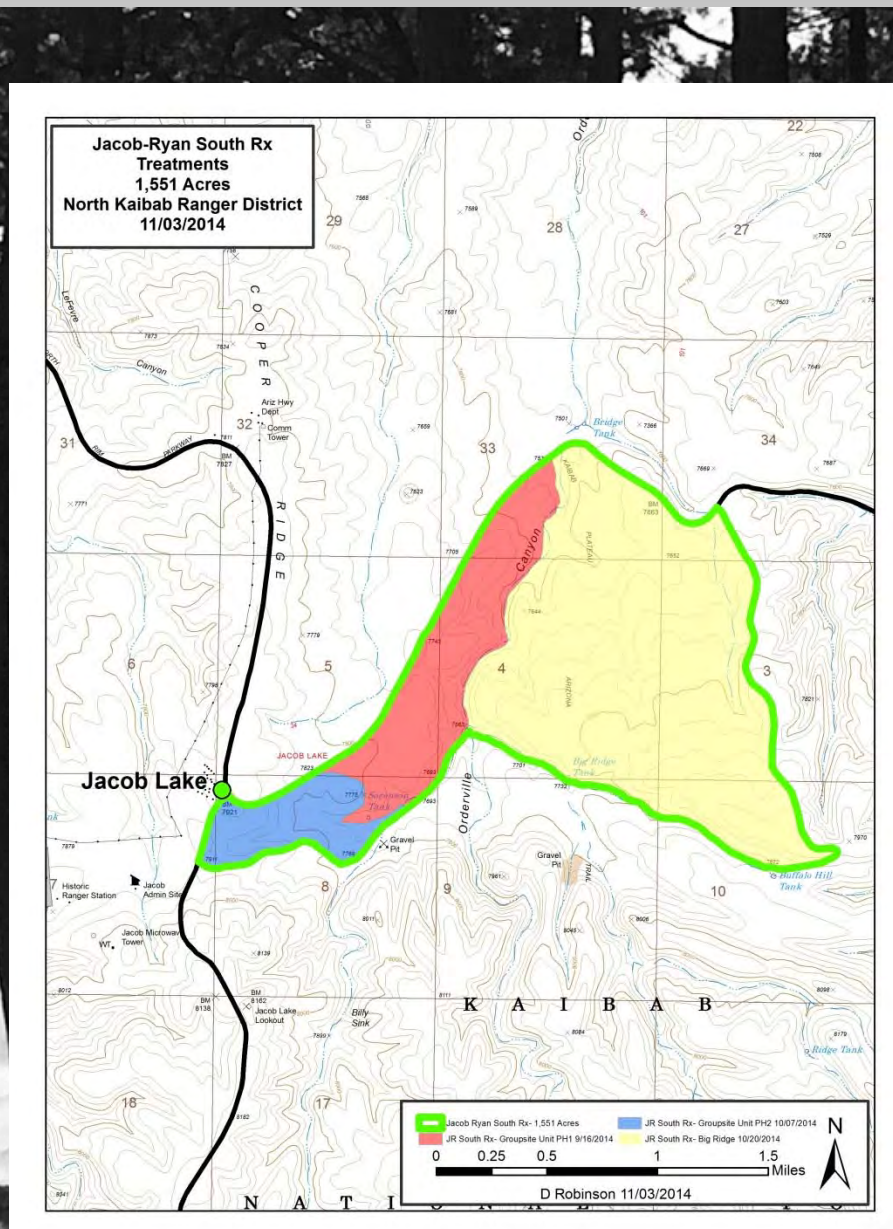




U.S. Department of the Interior
National Park Service
Grand Canyon National Park

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United States Forest Service
Kaibab National Forest





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