

# **POPLAR RIDGE**

(2055 Poplar, Apartment map 83)

## **TACTICAL PLAN**

**Description:** The Poplar Ridge apartments are located above a very steep brush filled canyon. The canyon fuel is rated at 40 plus tons per acre and would produce 75-100 foot flame lengths. A frontal attack in this canyon would lead to **serious injury or death of attacking firefighters.**

**Water:** The area is served by a good hydrant system [use deck guns].

**Evacuation:** Evacuate; **DO NOT SHELTER IN PLACE.**

**Priority Protection:** Facilitate evacuation of residents then protect the units at the top of the canyon.

**Resources:** Structure Protection Group;

Second Alarm Assignment  
2 Type IIIs [Ember Patrol]  
1 Type I Hand Crew

Division A

5 Type III Engines  
2 Type I Hand Crews  
1 Type II Water Tender  
3 Type II Helicopters

Aircraft

Command Staff

2 Division/Group-Sups.

I Opns. Sec Chief

I Air Opns. Dir.

### **Suggested Tactics**

If the fire is not quickly stopped in the canyon bottom it will make an explosive run at the Poplar Ridge Apartments. At this point all actions must be defensive. Use your helicopters to knock down roof spot fires. Make sure the copters are out of ground effect.

**Top wild-land priority- Division A** should be the left flank to keep the fire from spreading east into the next chimney chutes, homes and wrecking yards. Flame lengths under severe conditions will exceed 100 ft with massive spotting. A downhill attack from the apartments into the canyon is totally un-safe, don't get suckered in.



DP-1



HANDLINES

DP=DROP POINT

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# POPLAR RIDGE OCEANSIDE



## SPECIFIC SITE RISK

POPLAR RIDGE RISK ASSESSMENT MATRIX		
SAFETY	STATIC	ATTACK
FF Safe 3	Fuels 3	Access 2
Civ Safe 3	Topog 3	Water 1
Air Safe 3	Clear 3	Comm 1
Hazmat 2	Const 2	Tac Air 3
	Density 3	

3	2	1
POOR-HIGH RISK	MOD. RISK	GOOD-LOW RISK

## RISK COLOR CODE

S A F E T Y	FF SAFETY	FF Safe	NO SAFETY ZONES	MARGINAL SAFETY ZONES	ADEQUATE SAFETY ZONES
	CIVILIAN SAFETY	Civ Safe	MANDATORY EVACUATION	EVACUATE IF TIME PERMITS	SHELTER IN PLACE
	AIR SAFETY	Air Safe	AERIAL OBSTRUCTIONS & STEEP CANYONS	STEEP CANYONS OR AERIAL OBSTRUCTIONS	NO HAZARDS
	HAZMAT	Hazmat	BULK LPG, FUEL, CHEMICAL	HAZARDS IN BARNs & STORAGE SHEDS	NONE
	---	FUELS	Fuels	HEAVY OR DEAD TREES / BRUSH	MODERATE
S T A T I C	TOPOGRAPHY	Topog	STEEP	MEDIUM SLOPE	FLAT
	CLEARANCE	Clear	30 FEET OR LESS	30 TO 70 FEET	MORE THAN 70 FEET
	CONSTRUCTION	Const	ABUNDANT COMBUSTABLE ROOFS / EXTERIOR	SOME COMBUSTABLE ROOFS / EXTERIOR	NON COMBUSTABLE ROOFS / EXTERIOR
	STRUCTURAL SPACING	Density	DENSE & TIGHT STRUCTURAL SPACING	SUBDIVISION TRACTS	RURAL, DISPERSED
	---	ACCESS	Access	NARROW DIRT ROADS NO TURN AROUND AREAS	ONE LANE PAVED, TURN AROUNDS, ONE WAY IN & OUT
A T T A C K	WATER	Water	NO WATER SOURCE	PONDS, POOLS, LOW FLOW HYDRANTS	GOOD HYDRANTS
	COMMUNICATIONS	Comm	OVERALL POOR RADIO OR CELL COVERAGE	GENERAL RADIO COVERAGE WITH SOME WEAK SPOTS	GOOD RADIO & CELL COVERAGE
	TAC AIR SUPPORT	Tac Air	20 MIN+ RELOAD & RETURN TIME, NO LZ's	10 TO 15 MIN RELOADS & TURN AROUND TIME, NO LZ's	5 MIN OR LESS RELOAD & RETURN TIME, PLENTY LZ'S

\*COURTESY OF U.S. ARMY-NATIONAL TRAINING CENTER



# Bailey Meadow Area Greenwood Drive



## SPECIFIC SITE RISK

BAILEY MDW. – GREENWOOD DR.		
RISK ASSESSMENT MATRIX		
SAFETY	STATIC	ATTACK
<b>FF Safe</b> 2	<b>Fuels</b> 1	<b>Access</b> 2
<b>Civ Safe</b> 1	<b>Topog</b> 2	<b>Water</b> 2
<b>Air Safe</b> 2	<b>Clear</b> 1	<b>Comm</b> 1
<b>Hazmat</b> 2	<b>Const</b> 1	<b>Tac Air</b> 2
	<b>Density</b> 2	

## RISK COLOR CODE

<b>S A F E T Y</b>	FF SAFETY	FF Safe	NO SAFETY ZONES	MARGINAL SAFETY ZONES	ADEQUATE SAFETY ZONES
	CIVILIAN SAFETY	Civ Safe	MANDATORY EVACUATION	EVACUATE IF TIME PERMITS	SHELTER IN PLACE
	AIR SAFETY	Air Safe	AERIAL OBSTRUCTIONS & STEEP CANYONS	STEEP CANYONS OR AERIAL OBSTRUCTIONS	NO HAZARDS
	HAZMAT	Hazmat	BULK LPG, FUEL, CHEMICAL	HAZARDS IN BARNs & STORAGE SHEDS	NONE
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<b>S T A T I C</b>	FUELS	Fuels	HEAVY OR DEAD TREES / BRUSH	MODERATE	LIGHT
	TOPOGRAPHY	Topog	STEEP	MEDIUM SLOPE	FLAT
	CLEARANCE	Clear	30 FEET OR LESS	30 TO 70 FEET	MORE THAN 70 FEET
	CONSTRUCTION	Const	ABUNDANT COMBUSTABLE ROOFS / EXTERIOR	SOME COMBUSTABLE ROOFS / EXTERIOR	NON COMBUSTABLE ROOFS / EXTERIOR
--					
<b>A T T A C K</b>	STRUCTURAL SPACING	Density	DENSE & TIGHT STRUCTURAL SPACING	SUBDIVISION TRACTS	RURAL, DISPERSED
	ACCESS	Access	NARROW DIRT ROADS NO TURN AROUND AREAS	ONE LANE PAVED, TURN AROUNDS, ONE WAY IN & OUT	MIN. TWO LANES, PAVED, MULTIPLE WAYS IN & OUT
	WATER	Water	NO WATER SOURCE	PONDS, POOLS, LOW FLOW HYDRANTS	GOOD HYDRANTS
	COMMUNICATIONS	Comm	OVERALL POOR RADIO OR CELL COVERAGE	GENERAL RADIO COVERAGE WITH SOME WEAK SPOTS	GOOD RADIO & CELL COVERAGE
	TAC AIR SUPPORT	Tac Air	20 MIN+ RELOAD & RETURN TIME, NO LZ's	10 TO 15 MIN RELOADS & TURN AROUND TIME, NO LZ's	5 MIN OR LESS RELOAD & RETURN TIME, PLENTY LZ'S

<b>1</b>	<b>2</b>	<b>3</b>
<b>POOR-HIGH RISK</b>	<b>MOD. RISK</b>	<b>GOOD-LOW RISK</b>

\*COURTESY OF U.S. ARMY-NATIONAL TRAINING CENTER



# Palomar Mountain State Park State Park Road

## SPECIFIC SITE RISK

STATE PARK- STATE PARK RD.		
RISK ASSESSMENT MATRIX		
SAFETY	STATIC	ATTACK
FF Safe 2	Fuels 1	Access 2
Civ Safe 1	Topog 2	Water 1
Air Safe 2	Clear 1	Comm 1
Hazmat 2	Const 1	Tac Air 2
	Density 2	

<b>1</b>	<b>2</b>	<b>3</b>
POOR-HIGH RISK	MOD. RISK	GOOD-LOW RISK

## RISK COLOR CODE

S A F E T Y	FF SAFETY	FF Safe	NO SAFETY ZONES	MARGINAL SAFETY ZONES	ADEQUATE SAFETY ZONES	
	CIVILIAN SAFETY	Civ Safe	MANDATORY EVACUATION	EVACUATE IF TIME PERMITS	SHELTER IN PLACE	
	AIR SAFETY	Air Safe	AERIAL OBSTRUCTIONS & STEEP CANYONS	STEEP CANYONS OR AERIAL OBSTRUCTIONS	NO HAZARDS	
	HAZMAT	Hazmat	BULK LPG, FUEL, CHEMICAL	HAZARDS IN BARNs & STORAGE SHEDS	NONE	
	--					
	S T A T I C	FUELS	Fuels	HEAVY OR DEAD TREES / BRUSH	MODERATE	LIGHT
		TOPOGRAPHY	Topog	STEEP	MEDIUM SLOPE	FLAT
		CLEARANCE	Clear	30 FEET OR LESS	30 TO 70 FEET	MORE THAN 70 FEET
		CONSTRUCTION	Const	ABUNDANT COMBUSTABLE ROOFS / EXTERIOR	SOME COMBUSTABLE ROOFS / EXTERIOR	NON COMBUSTABLE ROOFS / EXTERIOR
		STRUCTURAL SPACING	Density	DENSE & TIGHT STRUCTURAL SPACING	SUBDIVISION TRACTS	RURAL, DISPERSED
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A T T A C K		ACCESS	Access	NARROW DIRT ROADS NO TURN AROUND AREAS	ONE LANE PAVED, TURN AROUNDs, ONE WAY IN & OUT	MIN. TWO LANES, PAVED, MULTIPLE WAYS IN & OUT
		WATER	Water	NO WATER SOURCE	PONDs, POOLs, LOW FLOW HYDRANTs	GOOD HYDRANTs
		COMMUNICATIONS	Comm	OVERALL POOR RADIO OR CELL COVERAGE	GENERAL RADIO COVERAGE WITH SOME WEAK SPOTS	GOOD RADIO & CELL COVERAGE
		TAC AIR SUPPORT	Tac Air	20 MIN+ RELOAD & RETURN TIME, NO LZ's	10 TO 15 MIN RELOADs & TURN AROUND TIME, NO LZ's	5 MIN OR LESS RELOAD & RETURN TIME, PLENTY LZ's

\*COURTESY OF U.S. ARMY-NATIONAL TRAINING CENTER



# CNF Fry Creek Observatory Campground Canfield Road



## SPECIFIC SITE RISK

FRY CR.- OBSERVATORY CAMP RISK ASSESSMENT MATRIX		
SAFETY	STATIC	ATTACK
<b>FF Safe</b> 2	<b>Fuels</b> 1	<b>Access</b> 2
<b>Civ Safe</b> 3	<b>Topog</b> 2	<b>Water</b> 1
<b>Air Safe</b> 1	<b>Clear</b> 1	<b>Comm</b> 2
<b>Hazmat</b> 2	<b>Const</b> 2	<b>Tac Air</b> 2
	<b>Density</b> 2	

<b>1</b>	<b>2</b>	<b>3</b>
<b>POOR-HIGH RISK</b>	<b>MOD. RISK</b>	<b>GOOD-LOW RISK</b>

## RISK COLOR CODE

<b>S A F E T Y</b>	FF SAFETY	FF Safe	NO SAFETY ZONES	MARGINAL SAFETY ZONES	ADEQUATE SAFETY ZONES
	CIVILIAN SAFETY	Civ Safe	MANDATORY EVACUATION	EVACUATE IF TIME PERMITS	SHELTER IN PLACE
	AIR SAFETY	Air Safe	AERIAL OBSTRUCTIONS & STEEP CANYONS	STEEP CANYONS OR AERIAL OBSTRUCTIONS	NO HAZARDS
	HAZMAT	Hazmat	BULK LPG, FUEL, CHEMICAL	HAZARDS IN BARNs & STORAGE SHEDS	NONE
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<b>S T A T I C</b>	FUELS	Fuels	HEAVY OR DEAD TREES / BRUSH	MODERATE	LIGHT
	TOPOGRAPHY	Topog	STEEP	MEDIUM SLOPE	FLAT
	CLEARANCE	Clear	30 FEET OR LESS	30 TO 70 FEET	MORE THAN 70 FEET
	CONSTRUCTION	Const	ABUNDANT COMBUSTABLE ROOFS / EXTERIOR	SOME COMBUSTABLE ROOFS / EXTERIOR	NON COMBUSTABLE ROOFS / EXTERIOR
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<b>A T T A C K</b>	STRUCTURAL SPACING	Density	DENSE & TIGHT STRUCTURAL SPACING	SUBDIVISION TRACTS	RURAL, DISPERSED
	ACCESS	Access	NARROW DIRT ROADS NO TURN AROUND AREAS	ONE LANE PAVED, TURN AROUNDS, ONE WAY IN & OUT	MIN. TWO LANES, PAVED, MULTIPLE WAYS IN & OUT
	WATER	Water	NO WATER SOURCE	PONDS, POOLS, LOW FLOW HYDRANTS	GOOD HYDRANTS
	COMMUNICATIONS	Comm	OVERALL POOR RADIO OR CELL COVERAGE	GENERAL RADIO COVERAGE WITH SOME WEAK SPOTS	GOOD RADIO & CELL COVERAGE
	TAC AIR SUPPORT	Tac Air	20 MIN+ RELOAD & RETURN TIME, NO LZ's	10 TO 15 MIN RELOADS & TURN AROUND TIME, NO LZ's	5 MIN OR LESS RELOAD & RETURN TIME, PLENTY LZ'S

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# Spanish Trails Girl Scout Camp



## SPECIFIC SITE RISK

GIRL SCOUT CAMP RISK ASSESSMENT MATRIX		
SAFETY	STATIC	ATTACK
<b>FF Safe</b> 1	<b>Fuels</b> 2	<b>Access</b> 1
<b>Civ Safe</b> 1	<b>Topog</b> 2	<b>Water</b> 1
<b>Air Safe</b> 1	<b>Clear</b> 1	<b>Comm</b> 1
<b>Hazmat</b> 2	<b>Const</b> 3	<b>Tac Air</b> 2
	<b>Density</b> 1	

<b>1</b>	<b>2</b>	<b>3</b>
<b>POOR-HIGH RISK</b>	<b>MOD. RISK</b>	<b>GOOD-LOW RISK</b>

## RISK COLOR CODE

<b>S A F E T Y</b>	FF SAFETY	FF Safe	NO SAFETY ZONES	MARGINAL SAFETY ZONES	ADEQUATE SAFETY ZONES
	CIVILIAN SAFETY	Civ Safe	MANDATORY EVACUATION	EVACUATE IF TIME PERMITS	SHELTER IN PLACE
	AIR SAFETY	Air Safe	AERIAL OBSTRUCTIONS & STEEP CANYONS	STEEP CANYONS OR AERIAL OBSTRUCTIONS	NO HAZARDS
	HAZMAT	Hazmat	BULK LPG, FUEL, CHEMICAL	HAZARDS IN BARNs & STORAGE SHEDS	NONE
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<b>S T A T I C</b>	FUELS	Fuels	HEAVY OR DEAD TREES / BRUSH	MODERATE	LIGHT
	TOPOGRAPHY	Topog	STEEP	MEDIUM SLOPE	FLAT
	CLEARANCE	Clear	30 FEET OR LESS	30 TO 70 FEET	MORE THAN 70 FEET
	CONSTRUCTION	Const	ABUNDANT COMBUSTABLE ROOFS / EXTERIOR	SOME COMBUSTABLE ROOFS / EXTERIOR	NON COMBUSTABLE ROOFS / EXTERIOR
	STRUCTURAL SPACING	Density	DENSE & TIGHT STRUCTURAL SPACING	SUBDIVISION TRACTS	RURAL, DISPERSED
<b>A T T A C K</b>	ACCESS	Access	NARROW DIRT ROADS NO TURN AROUND AREAS	ONE LANE PAVED, TURN AROUNDS, ONE WAY IN & OUT	MIN. TWO LANES, PAVED, MULTIPLE WAYS IN & OUT
	WATER	Water	NO WATER SOURCE	PONDS, POOLS, LOW FLOW HYDRANTS	GOOD HYDRANTS
	COMMUNICATIONS	Comm	OVERALL POOR RADIO OR CELL COVERAGE	GENERAL RADIO COVERAGE WITH SOME WEAK SPOTS	GOOD RADIO & CELL COVERAGE
	TAC AIR SUPPORT	Tac Air	20 MIN+ RELOAD & RETURN TIME, NO LZ's	10 TO 15 MIN RELOADS & TURN AROUND TIME, NO LZ's	5 MIN OR LESS RELOAD & RETURN TIME, PLENTY LZ'S

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# Palomar Observatory Area



## SPECIFIC SITE RISK

OBSERVATORY AREA RISK ASSESSMENT MATRIX		
SAFETY	STATIC	ATTACK
FF Safe 2	Fuels 2	Access 3
Civ Safe 3	Topog 3	Water 3
Air Safe 3	Clear 2	Comm 3
Hazmat 2	Const 3	Tac Air 2
	Density 3	

<b>1</b>	<b>2</b>	<b>3</b>
POOR-HIGH RISK	MOD. RISK	GOOD-LOW RISK

## RISK COLOR CODE

S A F E T Y	FF SAFETY	FF Safe	NO SAFETY ZONES	MARGINAL SAFETY ZONES	ADEQUATE SAFETY ZONES	
	CIVILIAN SAFETY	Civ Safe	MANDATORY EVACUATION	EVACUATE IF TIME PERMITS	SHELTER IN PLACE	
	AIR SAFETY	Air Safe	AERIAL OBSTRUCTIONS & STEEP CANYONS	STEEP CANYONS OR AERIAL OBSTRUCTIONS	NO HAZARDS	
	HAZMAT	Hazmat	BULK LPG, FUEL, CHEMICAL	HAZARDS IN BARNs & STORAGE SHEDS	NONE	
	--					
	S T A T I C	FUELS	Fuels	HEAVY OR DEAD TREES / BRUSH	MODERATE	LIGHT
		TOPOGRAPHY	Topog	STEEP	MEDIUM SLOPE	FLAT
		CLEARANCE	Clear	30 FEET OR LESS	30 TO 70 FEET	MORE THAN 70 FEET
		CONSTRUCTION	Const	ABUNDANT COMBUSTABLE ROOFS / EXTERIOR	SOME COMBUSTABLE ROOFS / EXTERIOR	NON COMBUSTABLE ROOFS / EXTERIOR
		STRUCTURAL SPACING	Density	DENSE & TIGHT STRUCTURAL SPACING	SUBDIVISION TRACTS	RURAL, DISPERSED
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A T T A C K	ACCESS	Access	NARROW DIRT ROADS NO TURN AROUND AREAS	ONE LANE PAVED, TURN AROUNDS, ONE WAY IN & OUT	MIN. TWO LANES, PAVED, MULTIPLE WAYS IN & OUT	
	WATER	Water	NO WATER SOURCE	PONDS, POOLS, LOW FLOW HYDRANTS	GOOD HYDRANTS	
	COMMUNICATIONS	Comm	OVERALL POOR RADIO OR CELL COVERAGE	GENERAL RADIO COVERAGE WITH SOME WEAK SPOTS	GOOD RADIO & CELL COVERAGE	
	TAC AIR SUPPORT	Tac Air	20 MIN+ RELOAD & RETURN TIME, NO LZ's	10 TO 15 MIN RELOADS & TURN AROUND TIME, NO LZ's	5 MIN OR LESS RELOAD & RETURN TIME, PLENTY LZ'S	

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# Palomar Elementary School



## SPECIFIC SITE RISK

PALOMAR ELEMENTARY SCHOOL RISK ASSESSMENT MATRIX		
SAFETY	STATIC	ATTACK
FF Safe 2	Fuels 2	Access 3
Civ Safe 1	Topog 2	Water 3
Air Safe 2	Clear 1	Comm 3
Hazmat 2	Const 1	Tac Air 2
	Density 3	

<b>1</b>	<b>2</b>	<b>3</b>
POOR-HIGH RISK	MOD. RISK	GOOD-LOW RISK

## RISK COLOR CODE

S A F E T Y	FF SAFETY	FF Safe	NO SAFETY ZONES	MARGINAL SAFETY ZONES	ADEQUATE SAFETY ZONES
	CIVILIAN SAFETY	Civ Safe	MANDATORY EVACUATION	EVACUATE IF TIME PERMITS	SHELTER IN PLACE
	AIR SAFETY	Air Safe	AERIAL OBSTRUCTIONS & STEEP CANYONS	STEEP CANYONS OR AERIAL OBSTRUCTIONS	NO HAZARDS
	HAZMAT	Hazmat	BULK LPG, FUEL, CHEMICAL	HAZARDS IN BARNs & STORAGE SHEDS	NONE
S T A T I C	FUELS	Fuels	HEAVY OR DEAD TREES / BRUSH	MODERATE	LIGHT
	TOPOGRAPHY	Topog	STEEP	MEDIUM SLOPE	FLAT
	CLEARANCE	Clear	30 FEET OR LESS	30 TO 70 FEET	MORE THAN 70 FEET
	CONSTRUCTION	Const	ABUNDANT COMBUSTABLE ROOFS / EXTERIOR	SOME COMBUSTABLE ROOFS / EXTERIOR	NON COMBUSTABLE ROOFS / EXTERIOR
A T T A C K	STRUCTURAL SPACING	Density	DENSE & TIGHT STRUCTURAL SPACING	SUBDIVISION TRACTS	RURAL, DISPERSED
	ACCESS	Access	NARROW DIRT ROADS NO TURN AROUND AREAS	ONE LANE PAVED, TURN AROUNDS, ONE WAY IN & OUT	MIN. TWO LANES, PAVED, MULTIPLE WAYS IN & OUT
	WATER	Water	NO WATER SOURCE	PONDS, POOLS, LOW FLOW HYDRANTS	GOOD HYDRANTS
	COMMUNICATIONS	Comm	OVERALL POOR RADIO OR CELL COVERAGE	GENERAL RADIO COVERAGE WITH SOME WEAK SPOTS	GOOD RADIO & CELL COVERAGE
	TAC AIR SUPPORT	Tac Air	20 MIN+ RELOAD & RETURN TIME, NO LZ's	10 TO 15 MIN RELOADS & TURN AROUND TIME, NO LZ's	5 MIN OR LESS RELOAD & RETURN TIME, PLENTY LZ'S

\*COURTESY OF U.S. ARMY-NATIONAL TRAINING CENTER



# Palomar Christian Conference Center



## SPECIFIC SITE RISK

PALOMAR CHRISTIAN CONF. CTR. RISK ASSESSMENT MATRIX		
SAFETY	STATIC	ATTACK
FF Safe 2	Fuels 1	Access 2
Civ Safe 2	Topog 1	Water 3
Air Safe 2	Clear 2	Comm 2
Hazmat 2	Const 2	Tac Air 2
	Density 2	

<b>1</b>	<b>2</b>	<b>3</b>
POOR-HIGH RISK	MOD. RISK	GOOD-LOW RISK

## RISK COLOR CODE

S A F E T Y	FF SAFETY	FF Safe	NO SAFETY ZONES	MARGINAL SAFETY ZONES	ADEQUATE SAFETY ZONES	
	CIVILIAN SAFETY	Civ Safe	MANDATORY EVACUATION	EVACUATE IF TIME PERMITS	SHELTER IN PLACE	
	AIR SAFETY	Air Safe	AERIAL OBSTRUCTIONS & STEEP CANYONS	STEEP CANYONS OR AERIAL OBSTRUCTIONS	NO HAZARDS	
	HAZMAT	Hazmat	BULK LPG, FUEL, CHEMICAL	HAZARDS IN BARNs & STORAGE SHEDS	NONE	
	--					
	S T A T I C	FUELS	Fuels	HEAVY OR DEAD TREES / BRUSH	MODERATE	LIGHT
		TOPOGRAPHY	Topog	STEEP	MEDIUM SLOPE	FLAT
		CLEARANCE	Clear	30 FEET OR LESS	30 TO 70 FEET	MORE THAN 70 FEET
		CONSTRUCTION	Const	ABUNDANT COMBUSTABLE ROOFS / EXTERIOR	SOME COMBUSTABLE ROOFS / EXTERIOR	NON COMBUSTABLE ROOFS / EXTERIOR
		STRUCTURAL SPACING	Density	DENSE & TIGHT STRUCTURAL SPACING	SUBDIVISION TRACTS	RURAL, DISPERSED
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A T T A C K	ACCESS	Access	NARROW DIRT ROADS NO TURN AROUND AREAS	ONE LANE PAVED, TURN AROUNDS, ONE WAY IN & OUT	MIN. TWO LANES, PAVED, MULTIPLE WAYS IN & OUT	
	WATER	Water	NO WATER SOURCE	PONDS, POOLS, LOW FLOW HYDRANTS	GOOD HYDRANTS	
	COMMUNICATIONS	Comm	OVERALL POOR RADIO OR CELL COVERAGE	GENERAL RADIO COVERAGE WITH SOME WEAK SPOTS	GOOD RADIO & CELL COVERAGE	
	TAC AIR SUPPORT	Tac Air	20 MIN+ RELOAD & RETURN TIME, NO LZ's	10 TO 15 MIN RELOADS & TURN AROUND TIME, NO LZ's	5 MIN OR LESS RELOAD & RETURN TIME, PLENTY LZ'S	

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# Palomar Outdoor School



## SPECIFIC SITE RISK

PALOMAR OUTDOOR SCHOOL RISK ASSESSMENT MATRIX		
SAFETY	STATIC	ATTACK
FF Safe 2	Fuels 2	Access 3
Civ Safe 2	Topog 2	Water 3
Air Safe 2	Clear 2	Comm 1
Hazmat 2	Const 2	Tac Air 2
	Density 3	

<b>1</b>	<b>2</b>	<b>3</b>
POOR-HIGH RISK	MOD. RISK	GOOD-LOW RISK

## RISK COLOR CODE

S A F E T Y	FF SAFETY	FF Safe	NO SAFETY ZONES	MARGINAL SAFETY ZONES	ADEQUATE SAFETY ZONES
	CIVILIAN SAFETY	Civ Safe	MANDATORY EVACUATION	EVACUATE IF TIME PERMITS	SHELTER IN PLACE
	AIR SAFETY	Air Safe	AERIAL OBSTRUCTIONS & STEEP CANYONS	STEEP CANYONS OR AERIAL OBSTRUCTIONS	NO HAZARDS
	HAZMAT	Hazmat	BULK LPG, FUEL, CHEMICAL	HAZARDS IN BARNs & STORAGE SHEDS	NONE
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S T A T I C	FUELS	Fuels	HEAVY OR DEAD TREES / BRUSH	MODERATE	LIGHT
	TOPOGRAPHY	Topog	STEEP	MEDIUM SLOPE	FLAT
	CLEARANCE	Clear	30 FEET OR LESS	30 TO 70 FEET	MORE THAN 70 FEET
	CONSTRUCTION	Const	ABUNDANT COMBUSTABLE ROOFS / EXTERIOR	SOME COMBUSTABLE ROOFS / EXTERIOR	NON COMBUSTABLE ROOFS / EXTERIOR
--					
A T T A C K	STRUCTURAL SPACING	Density	DENSE & TIGHT STRUCTURAL SPACING	SUBDIVISION TRACTS	RURAL, DISPERSED
	ACCESS	Access	NARROW DIRT ROADS NO TURN AROUND AREAS	ONE LANE PAVED, TURN AROUNDS, ONE WAY IN & OUT	MIN. TWO LANES, PAVED, MULTIPLE WAYS IN & OUT
	WATER	Water	NO WATER SOURCE	PONDS, POOLS, LOW FLOW HYDRANTS	GOOD HYDRANTS
	COMMUNICATIONS	Comm	OVERALL POOR RADIO OR CELL COVERAGE	GENERAL RADIO COVERAGE WITH SOME WEAK SPOTS	GOOD RADIO & CELL COVERAGE
	TAC AIR SUPPORT	Tac Air	20 MIN+ RELOAD & RETURN TIME, NO LZ's	10 TO 15 MIN RELOADS & TURN AROUND TIME, NO LZ's	5 MIN OR LESS RELOAD & RETURN TIME, PLENTY LZ'S

\*COURTESY OF U.S. ARMY-NATIONAL TRAINING CENTER



# South Grade- Oak Knoll Campground



## SPECIFIC SITE RISK

SOUTH GRADE- OAK KNOLL CAMP RISK ASSESSMENT MATRIX		
SAFETY	STATIC	ATTACK
FF Safe 2	Fuels 1	Access 2
Civ Safe 1	Topog 2	Water 1
Air Safe 1	Clear 1	Comm 1
Hazmat 2	Const 1	Tac Air 1
	Density 2	

1	2	3
POOR-HIGH RISK	MOD. RISK	GOOD-LOW RISK

## RISK COLOR CODE

S A F E T Y	FF SAFETY	FF Safe	NO SAFETY ZONES	MARGINAL SAFETY ZONES	ADEQUATE SAFETY ZONES
	CIVILIAN SAFETY	Civ Safe	MANDATORY EVACUATION	EVACUATE IF TIME PERMITS	SHELTER IN PLACE
	AIR SAFETY	Air Safe	AERIAL OBSTRUCTIONS & STEEP CANYONS	STEEP CANYONS OR AERIAL OBSTRUCTIONS	NO HAZARDS
	HAZMAT	Hazmat	BULK LPG, FUEL, CHEMICAL	HAZARDS IN BARNs & STORAGE SHEDS	NONE
	---	FUELS	Fuels	HEAVY OR DEAD TREES / BRUSH	MODERATE
S T A T I C	TOPOGRAPHY	Topog	STEEP	MEDIUM SLOPE	FLAT
	CLEARANCE	Clear	30 FEET OR LESS	30 TO 70 FEET	MORE THAN 70 FEET
	CONSTRUCTION	Const	ABUNDANT COMBUSTABLE ROOFS / EXTERIOR	SOME COMBUSTABLE ROOFS / EXTERIOR	NON COMBUSTABLE ROOFS / EXTERIOR
	STRUCTURAL SPACING	Density	DENSE & TIGHT STRUCTURAL SPACING	SUBDIVISION TRACTS	RURAL, DISPERSED
	---	ACCESS	Access	NARROW DIRT ROADS NO TURN AROUND AREAS	ONE LANE PAVED, TURN AROUNDS, ONE WAY IN & OUT
A T T A C K	WATER	Water	NO WATER SOURCE	PONDS, POOLS, LOW FLOW HYDRANTS	GOOD HYDRANTS
	COMMUNICATIONS	Comm	OVERALL POOR RADIO OR CELL COVERAGE	GENERAL RADIO COVERAGE WITH SOME WEAK SPOTS	GOOD RADIO & CELL COVERAGE
	TAC AIR SUPPORT	Tac Air	20 MIN+ RELOAD & RETURN TIME, NO LZ's	10 TO 15 MIN RELOADS & TURN AROUND TIME, NO LZ's	5 MIN OR LESS RELOAD & RETURN TIME, PLENTY LZ'S

\*COURTESY OF U.S. ARMY-NATIONAL TRAINING CENTER



# East Grade Road



## SPECIFIC SITE RISK

EAST GRADE ROAD RISK ASSESSMENT MATRIX		
SAFETY	STATIC	ATTACK
FF Safe 2	Fuels 1	Access 2
Civ Safe 1	Topog 2	Water 1
Air Safe 2	Clear 1	Comm 3
Hazmat 2	Const 1	Tac Air 2
	Density 2	

1	2	3
POOR-HIGH RISK	MOD. RISK	GOOD-LOW RISK

## RISK COLOR CODE

S A F E T Y	FF SAFETY	FF Safe	NO SAFETY ZONES	MARGINAL SAFETY ZONES	ADEQUATE SAFETY ZONES	
	CIVILIAN SAFETY	Civ Safe	MANDATORY EVACUATION	EVACUATE IF TIME PERMITS	SHELTER IN PLACE	
	AIR SAFETY	Air Safe	AERIAL OBSTRUCTIONS & STEEP CANYONS	STEEP CANYONS OR AERIAL OBSTRUCTIONS	NO HAZARDS	
	HAZMAT	Hazmat	BULK LPG, FUEL, CHEMICAL	HAZARDS IN BARNs & STORAGE SHEDS	NONE	
	--					
	S T A T I C	FUELS	Fuels	HEAVY OR DEAD TREES / BRUSH	MODERATE	LIGHT
		TOPOGRAPHY	Topog	STEEP	MEDIUM SLOPE	FLAT
		CLEARANCE	Clear	30 FEET OR LESS	30 TO 70 FEET	MORE THAN 70 FEET
		CONSTRUCTION	Const	ABUNDANT COMBUSTABLE ROOFS / EXTERIOR	SOME COMBUSTABLE ROOFS / EXTERIOR	NON COMBUSTABLE ROOFS / EXTERIOR
		STRUCTURAL SPACING	Density	DENSE & TIGHT STRUCTURAL SPACING	SUBDIVISION TRACTS	RURAL, DISPERSED
--						
A T T A C K		ACCESS	Access	NARROW DIRT ROADS NO TURN AROUND AREAS	ONE LANE PAVED, TURN AROUNDs, ONE WAY IN & OUT	MIN. TWO LANES, PAVED, MULTIPLE WAYS IN & OUT
		WATER	Water	NO WATER SOURCE	PONDS, POOLS, LOW FLOW HYDRANTS	GOOD HYDRANTS
		COMMUNICATIONS	Comm	OVERALL POOR RADIO OR CELL COVERAGE	GENERAL RADIO COVERAGE WITH SOME WEAK SPOTS	GOOD RADIO & CELL COVERAGE
		TAC AIR SUPPORT	Tac Air	20 MIN+ RELOAD & RETURN TIME, NO LZ's	10 TO 15 MIN RELOADS & TURN AROUND TIME, NO LZ's	5 MIN OR LESS RELOAD & RETURN TIME, PLENTY LZ'S

\*COURTESY OF U.S. ARMY-NATIONAL TRAINING CENTER



# Nate Harrison Road



## SPECIFIC SITE RISK

NATE HARRISON RD. RISK ASSESSMENT MATRIX		
SAFETY	STATIC	ATTACK
FF Safe 1	Fuels 1	Access 1
Civ Safe 1	Topog 1	Water 1
Air Safe 1	Clear 1	Comm 2
Hazmat 2	Const 1	Tac Air 1
	Density 1	

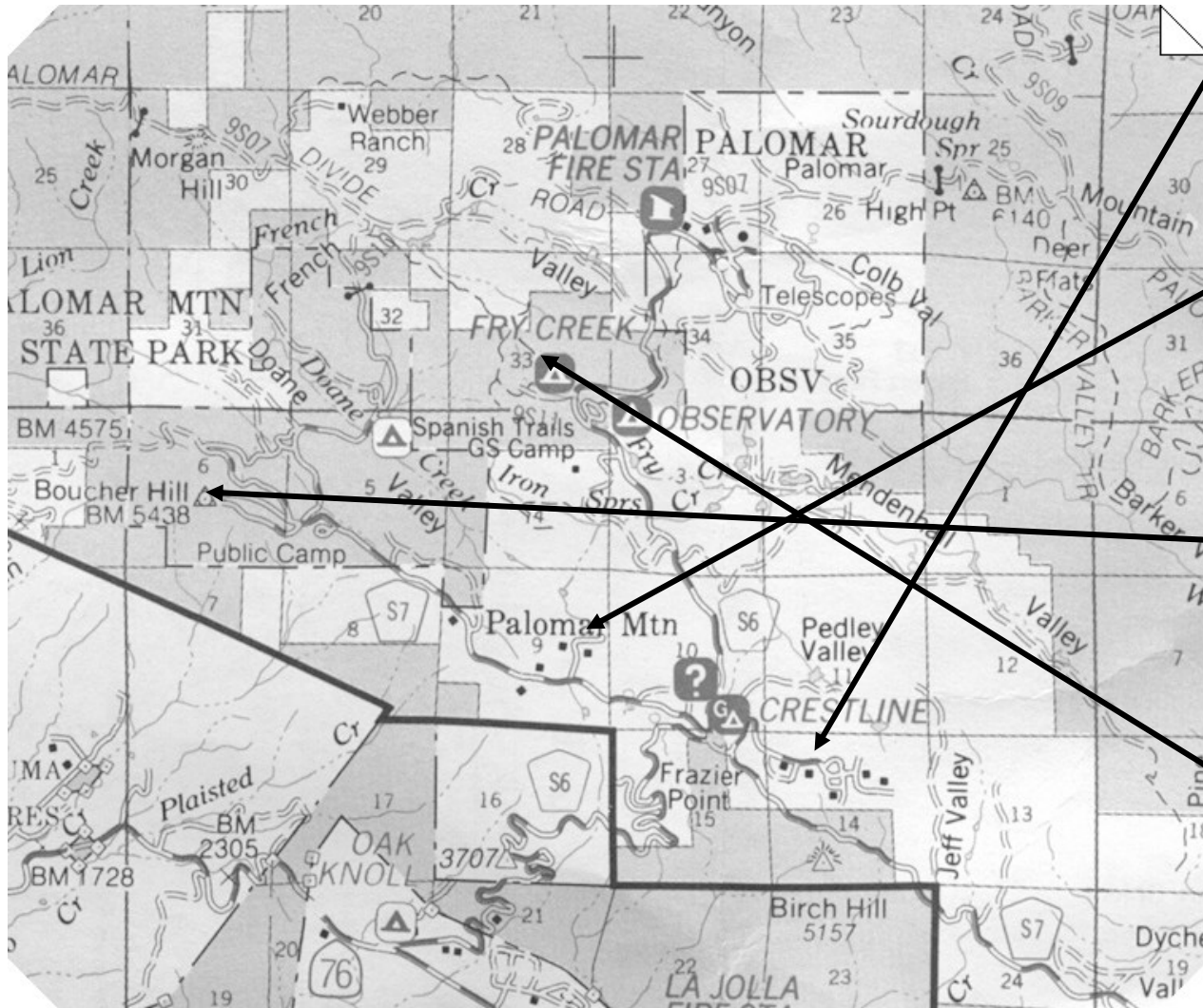
1	2	3
POOR-HIGH RISK	MOD. RISK	GOOD-LOW RISK

## RISK COLOR CODE

S A F E T Y	FF SAFETY	FF Safe	NO SAFETY ZONES	MARGINAL SAFETY ZONES	ADEQUATE SAFETY ZONES
	CIVILIAN SAFETY	Civ Safe	MANDATORY EVACUATION	EVACUATE IF TIME PERMITS	SHELTER IN PLACE
	AIR SAFETY	Air Safe	AERIAL OBSTRUCTIONS & STEEP CANYONS	STEEP CANYONS OR AERIAL OBSTRUCTIONS	NO HAZARDS
	HAZMAT	Hazmat	BULK LPG, FUEL, CHEMICAL	HAZARDS IN BARNs & STORAGE SHEDS	NONE
	--				
S T A T I C	FUELS	Fuels	HEAVY OR DEAD TREES / BRUSH	MODERATE	LIGHT
	TOPOGRAPHY	Topog	STEEP	MEDIUM SLOPE	FLAT
	CLEARANCE	Clear	30 FEET OR LESS	30 TO 70 FEET	MORE THAN 70 FEET
	CONSTRUCTION	Const	ABUNDANT COMBUSTABLE ROOFS / EXTERIOR	SOME COMBUSTABLE ROOFS / EXTERIOR	NON COMBUSTABLE ROOFS / EXTERIOR
	STRUCTURAL SPACING	Density	DENSE & TIGHT STRUCTURAL SPACING	SUBDIVISION TRACTS	RURAL, DISPERSED
A T T A C K	ACCESS	Access	NARROW DIRT ROADS NO TURN AROUND AREAS	ONE LANE PAVED, TURN AROUNDS, ONE WAY IN & OUT	MIN. TWO LANES, PAVED, MULTIPLE WAYS IN & OUT
	WATER	Water	NO WATER SOURCE	PONDS, POOLS, LOW FLOW HYDRANTS	GOOD HYDRANTS
	COMMUNICATIONS	Comm	OVERALL POOR RADIO OR CELL COVERAGE	GENERAL RADIO COVERAGE WITH SOME WEAK SPOTS	GOOD RADIO & CELL COVERAGE
	TAC AIR SUPPORT	Tac Air	20 MIN+ RELOAD & RETURN TIME, NO LZ's	10 TO 15 MIN RELOADS & TURN AROUND TIME, NO LZ's	5 MIN OR LESS RELOAD & RETURN TIME, PLENTY LZ'S

\*COURTESY OF U.S. ARMY-NATIONAL TRAINING CENTER

# PALOMAR MOUNTAIN I-ZONE (E-H)



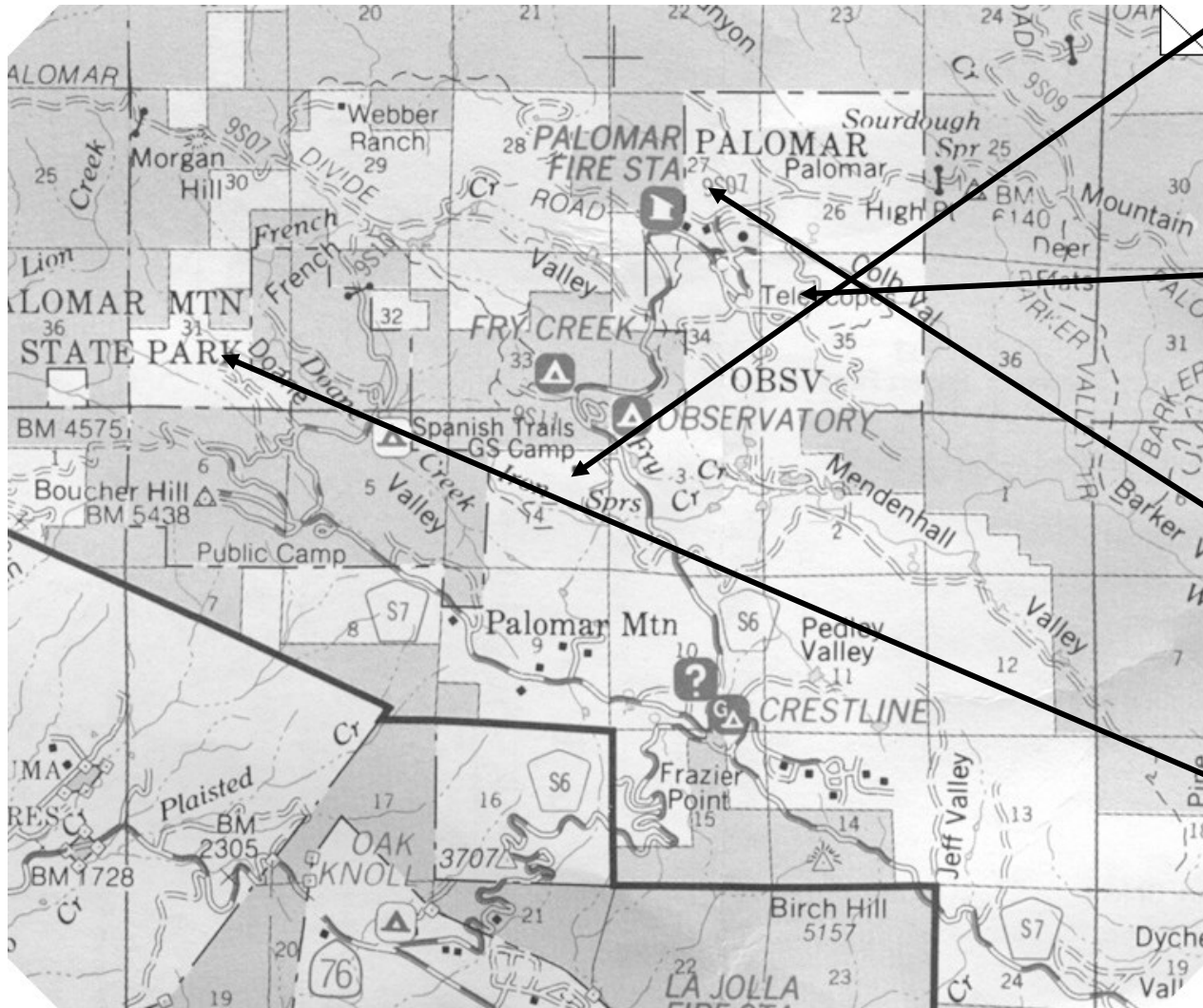
CRESTLINE		
FF Safe 1	Fuels 1	Access 1
Civ Safe 1	Topog 2	Water 2
Air Safe2	Clear 1	Comm 1
Hazmat 2	Const 1	Tac Air 2
	Density 1	

BAILEY MDW- GREENWOOD DR.		
FF Safe 2	Fuels 1	Access 2
Civ Safe 1	Topog 2	Water 2
Air Safe 2	Clear 1	Comm 1
Hazmat 2	Const 1	Tac Air 2
	Density 2	

STATE PARKS		
FF Safe 2	Fuels 1	Access 2
Civ Safe 1	Topog 2	Water 1
Air Safe 2	Clear 1	Comm 1
Hazmat 2	Const 1	Tac Air 2
	Density 2	

FRY CR.- OBSERVATORY CAMP		
FF Safe2	Fuels 1	Access 2
Civ Safe 3	Topog 2	Water 1
Air Safe 1	Clear 1	Comm 2
Hazmat 2	Const 2	Tac Air 2
	Density 2	

# PALOMAR MOUNTAIN I-ZONE (I-L)



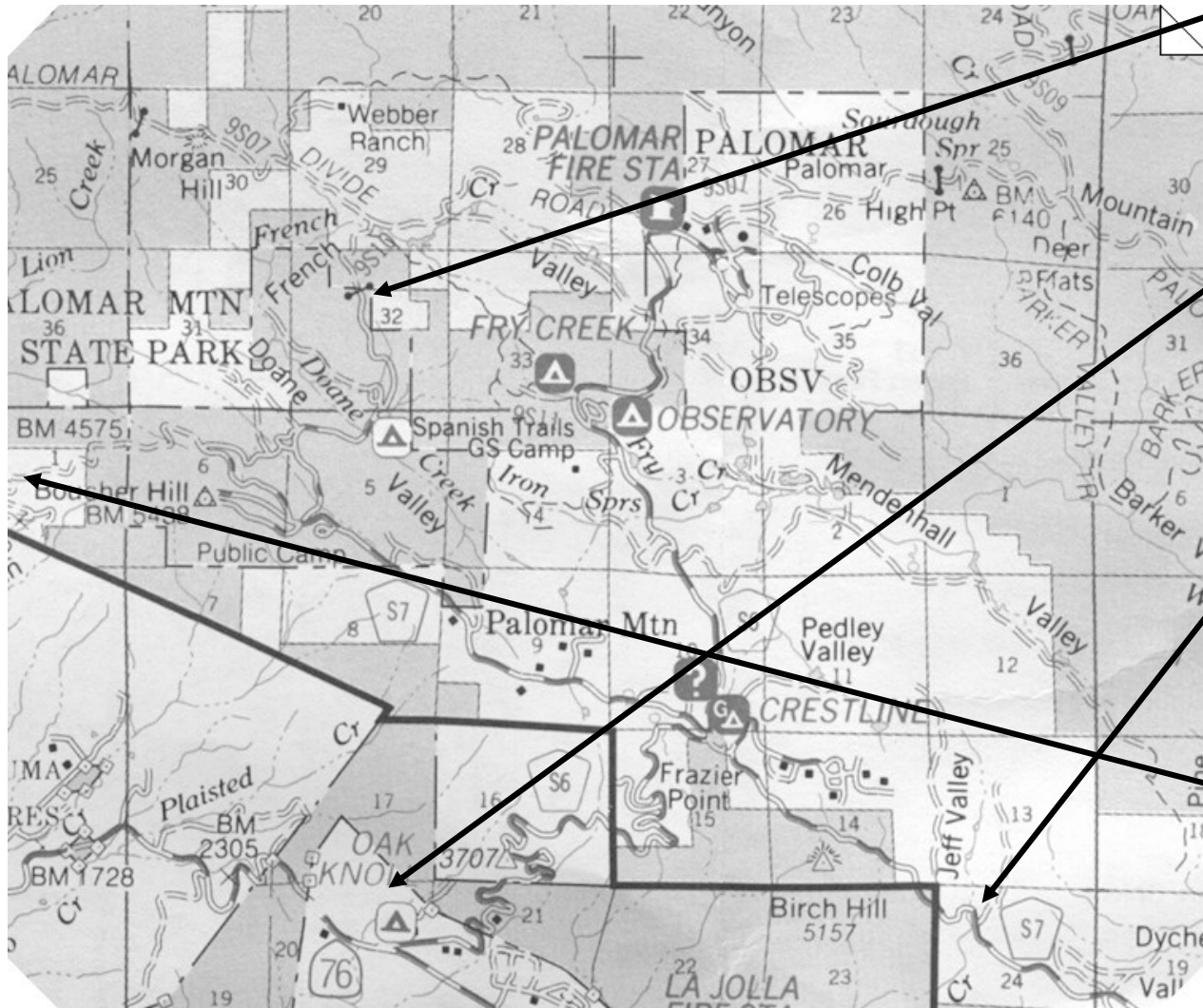
GIRL SCOUT CAMP		
FF Safe 1	Fuels 2	Access 1
Civ Safe 1	Topog 2	Water 1
Air Safe 1	Clear 1	Comm 1
Hazmat 2	Const 3	Tac Air 2
	Density 1	

OBSERVATORY AREA		
FF Safe 2	Fuels 2	Access 3
Civ Safe 3	Topog 3	Water 3
Air Safe 3	Clear 2	Comm 3
Hazmat 2	Const 3	Tac Air 2
	Density 3	

PALOMAR ELEMENTARY SCHOOL		
FF Safe 2	Fuels 2	Access 3
Civ Safe 1	Topog 2	Water 3
Air Safe 2	Clear 1	Comm 3
Hazmat 2	Const 1	Tac Air 2
	Density 3	

PALOMAR CHRISTIAN CONF. CTR.		
FF Safe 2	Fuels 1	Access 2
Civ Safe 2	Topog 1	Water 3
Air Safe 2	Clear 2	Comm 2
Hazmat 2	Const 2	Tac Air 2
	Density 2	

# PALOMAR MOUNTAIN I-ZONE (M-P)



PALOMAR OUTDOOR SCHOOL		
FF Safe 2	Fuels 2	Access 3
Civ Safe 2	Topog 2	Water 3
Air Safe 2	Clear 2	Comm 1
Hazmat 2	Const 2	Tac Air 2
	Density 3	

S. GRADE- OAK KNOLL CAMPGRND		
FF Safe 2	Fuels 1	Access 2
Civ Safe 1	Topog 2	Water 1
Air Safe 1	Clear 1	Comm 1
Hazmat 2	Const 1	Tac Air 1
	Density 2	

EAST GRADE ROAD		
FF Safe 2	Fuels 1	Access 2
Civ Safe 1	Topog 2	Water 1
Air Safe 2	Clear 1	Comm 3
Hazmat 2	Const 1	Tac Air 2
	Density 2	

NATE HARRISON RD.		
FF Safe 1	Fuels 1	Access 1
Civ Safe 1	Topog 1	Water 1
Air Safe 1	Clear 1	Comm 2
Hazmat 2	Const 1	Tac Air 1
	Density 1	