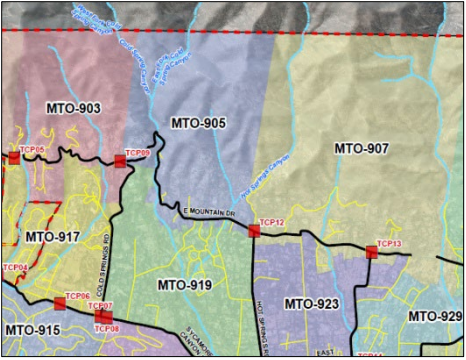



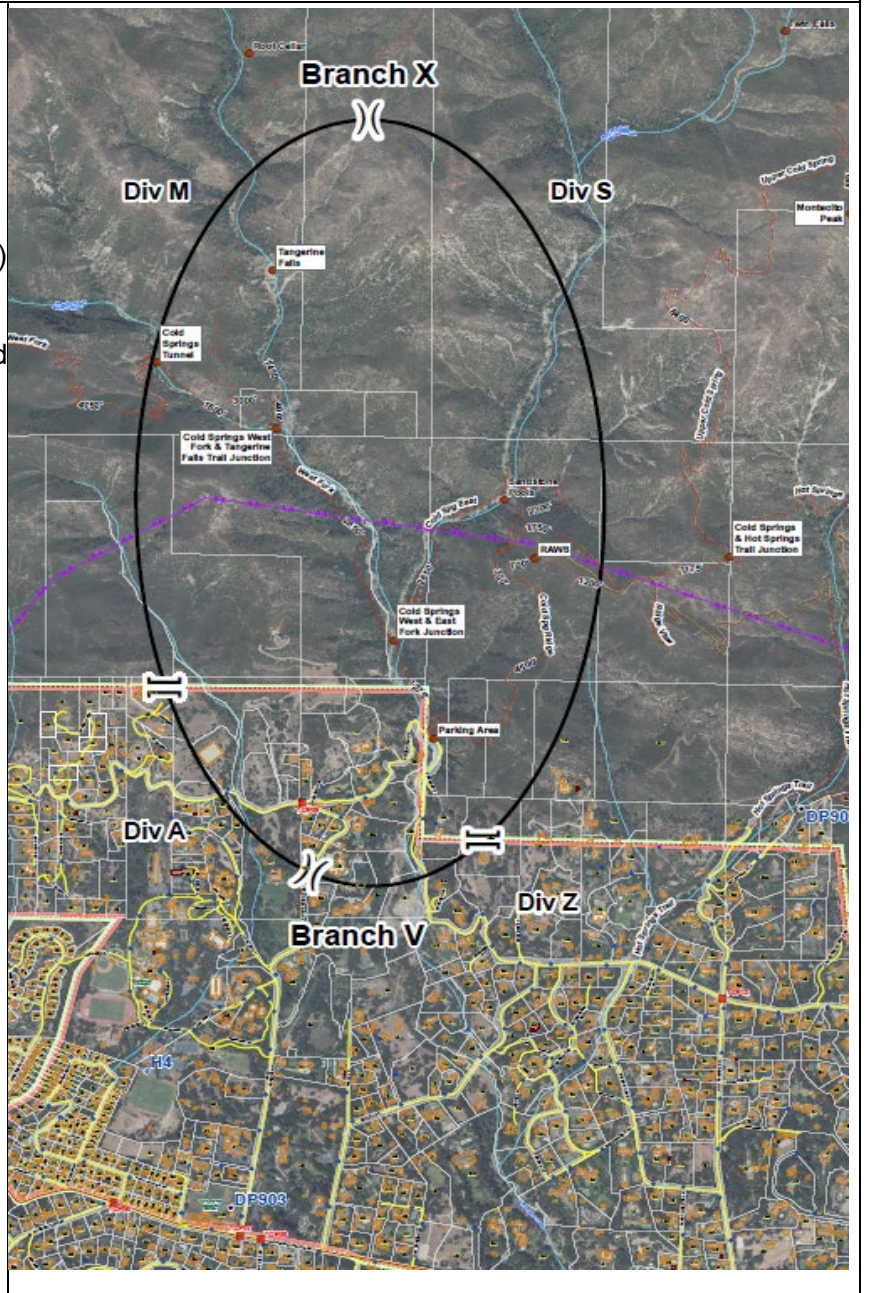
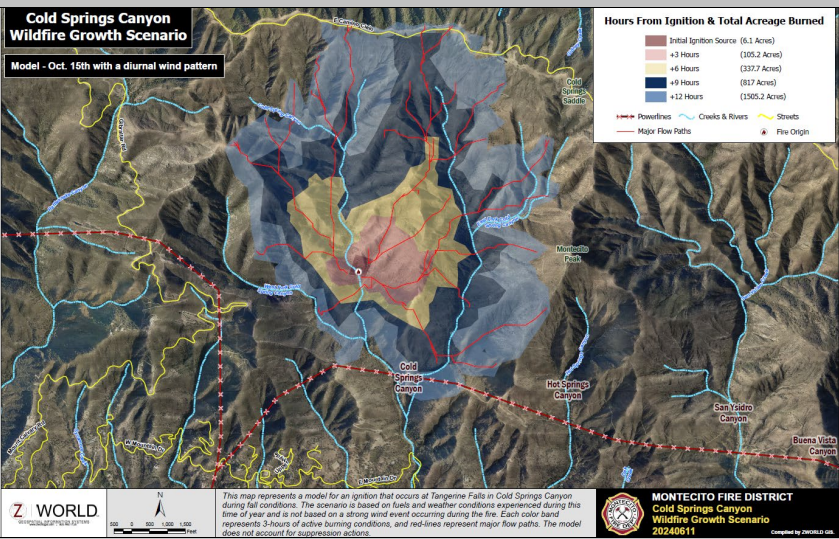


COLD SPRING CANYON PREPLAN - Topo Driven Event

Location	Cold Springs Canyon North of HWY 192 - East of Rattlesnake Canyon to Hot Springs Canyon																																																																									
ICP	INITIAL: BC Vehicle/MTO Station 91 (595 San Ysidro Rd) EXTENDED: MTO Station 91 (595 San Ysidro Rd)																																																																									
Preplan Zone	XSBC 902T / MTO Cold Spring Canyon																																																																									
Lat/Long; W3W ; USNG	34 27.563'N 119 39.245' ; ///roofless.assured.traces ; 11S KU 56198 16291																																																																									
USGS Topo Quad	Santa Barbara																																																																									
Jurisdiction (DPA)	State: Highway 192 to ~ 895 E. Mountain, Fed: North of E. Mountain																																																																									
Structures & Population	Occupied Structures: ~376 Population: ~942																																																																									
Objectives	<ul style="list-style-type: none"> - Firefighter and Civilian Safety - Provide for evacuation of the public - Protect structures; Perimeter control - Provide for evacuation of horses and other livestock <ul style="list-style-type: none"> - Keep Fire North of East Mountain Drive - Keep Fire South of Camino Cielo Rd - Keep Fire East of Rattlesnake Canyon - Keep Fire West of Hot Springs Canyon 		 PreAttack Plans/Maps																																																																							
SRA 1st Alarm High Response Level	SBC - 4 T-3 ENG, 1 WT, 2 CRW, 2 DZ, 1 BC, 1 Helicopter, 1 AA, 2 AT; STB: 1 T-3 ENG, 1 T-1 ENG, 1 BC MTO - 1 T-3 ENG, 1 T-1 ENG, 1 T-6 ENG, 1 BC; CRP: 1 T-3 ENG, 1 BC LPF - 3 T-3 ENG, 1 WT, 1 CRW, 1 DZ, 1 BC, 1 FPT		<table border="1" style="font-size: 8px;"> <tr><th>T-1</th><th>T-3</th><th>T-6</th><th>CRW</th><th>DOZ</th><th>WT</th><th>HEL</th><th>BC</th><th>AT</th></tr> <tr><td>2</td><td>11</td><td>1</td><td>3</td><td>3</td><td>1</td><td>1</td><td>5</td><td>2</td></tr> </table>	T-1	T-3	T-6	CRW	DOZ	WT	HEL	BC	AT	2	11	1	3	3	1	1	5	2																																																					
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Reinforced Response	SBC - Second Alarm equal to Initial Attack Assignment + 1 DC, +2 AT, Open Expanded																																																																									
FRA 1st Alarm High Response Level	SBC - 4 T-3 ENG, 1 WT, 2 CRW, 2 DZ, 1 BC; STB: 1 T-3 ENG, 1 T-1 ENG, 1 BC LPF - 5 T-3 ENG, 2 WT, 2 CRW, 2 DZ, 1 BC, 1 DC, 2 FPT, 2 HELO, 1 HT, 1 AA, 2 AT MTO - 1 T-3 ENG, 1 T-1 ENG, 1 T-6 ENG, 1 BC; CRP: 1 T-3 ENG, 1 BC		<table border="1" style="font-size: 8px;"> <tr><th>T-1</th><th>T-3</th><th>T-6</th><th>CRW</th><th>DOZ</th><th>WT</th><th>HEL</th><th>BC</th><th>AT</th></tr> <tr><td>2</td><td>12</td><td>1</td><td>4</td><td>4</td><td>3</td><td>2</td><td>6</td><td>2</td></tr> </table>	T-1	T-3	T-6	CRW	DOZ	WT	HEL	BC	AT	2	12	1	4	4	3	2	6	2																																																					
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Mutual Threat Zone by DPA	<table border="1" style="font-size: 8px;"> <tr><th colspan="12">SRA / LRA DPA</th></tr> <tr><th>T-1</th><th>T-3</th><th>T-6</th><th>CRW</th><th>DOZ</th><th>WT</th><th>HEL</th><th>BC</th><th>AA</th><th>AT</th><th>INV</th><th></th></tr> <tr><td>2</td><td>10</td><td>2</td><td>3</td><td>3</td><td>1</td><td>1</td><td>6</td><td>1</td><td>2</td><td>1</td><td></td></tr> </table>	SRA / LRA DPA												T-1	T-3	T-6	CRW	DOZ	WT	HEL	BC	AA	AT	INV		2	10	2	3	3	1	1	6	1	2	1		<table border="1" style="font-size: 8px;"> <tr><th colspan="12">FRA DPA</th></tr> <tr><th>T-1</th><th>T-3</th><th>T-6</th><th>CRW</th><th>DOZ</th><th>WT</th><th>HEL</th><th>BC</th><th>AA</th><th>AT</th><th>INV</th><th></th></tr> <tr><td>2</td><td>12</td><td>2</td><td>4</td><td>4</td><td>3</td><td>3</td><td>6</td><td>1</td><td>2</td><td>2</td><td></td></tr> </table>	FRA DPA												T-1	T-3	T-6	CRW	DOZ	WT	HEL	BC	AA	AT	INV		2	12	2	4	4	3	3	6	1	2	2	
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LRA 1st Alarm High Response Level	MTO - 1 T-3 ENG, 1 T-1 ENG, 1 T-6 ENG, 1 BC CRP - 1 T-3 ENG, 1 BC SBC - 1 T-3 ENG; STB - 1 T-3 ENG, 1 T-1 ENG, 1 BC LPF - 3 T-3 ENG, 1 DZ, 1 CRW, 1 WT, 1 FPT, 1 BC		<table border="1" style="font-size: 8px;"> <tr><th>T-1</th><th>T-3</th><th>T-6</th><th>CRW</th><th>DOZ</th><th>WT</th><th>HEL</th><th>BC</th><th>AT</th></tr> <tr><td>2</td><td>7</td><td>2</td><td>1</td><td>1</td><td>1</td><td>0</td><td>4</td><td>0</td></tr> </table>	T-1	T-3	T-6	CRW	DOZ	WT	HEL	BC	AT	2	7	2	1	1	1	0	4	0																																																					
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Reinforced Response	MTO - Additional SBC and Operational Area resources by request																																																																									
Staging Area	<ol style="list-style-type: none"> 1. Westmont College (50+ Engines) 955 La Paz Rd 2. DP 53/910 (50 Engines) Field south of 809 Park Lane (access into San Ysidro Canyon) 3. Regency Innovation Place (30 Engines) 100 Innovation Place 																																																																									
Communications	Command SBC C4 or SBC C6 LPF FN (Tone 3 La Cumbre; 131.8) or (Tone 16 Santa Cruz Island; 192.8) Tactical CDF T11 CDF T4 VFIRE 22 VFIRE 23 VFIRE 26 LPF T3(168.2625) LPF T4(168.1250) Air to Ground CDF AG1(151.2200) CDF AG2(159.2625) FSR5 AG41(167.4750)																																																																									
Traffic Control Points	<ul style="list-style-type: none"> <li style="width: 50%;">- TCP09 Cold Spring @ E. Mtn Dr <li style="width: 50%;">- TCP 12 Hot Springs @ E. Mtn Dr <li style="width: 50%;">- TCP 05 Coyote @ E. Mountain <li style="width: 50%;">- TCP 06 Barker Pass @ Hwy 192 <li style="width: 50%;">- TCP 08 Eucalyptus Hill @ Hwy 192 <li style="width: 50%;">- TCP 10 Sycamore Cyn @ East Valley 																																																																									
Evacuation	Institute Law Branch EARLY .																																																																									
Civilian Collection Point	Earl Warren Showground Las Positas Rd @ HWY 101																																																																									
Possible Additional Resources Needed (After 1st and 2nd Alarms)																																																																										
Engines - Type 3	8 Strike Teams	Air Resources	6 Type 2 Air tankers; Mobile Retardant Base																																																																							
Engines - Type 1/2	10 Strike Teams	Helicopters	8 Type 2, 4 Type 1 Helicopters																																																																							
Handcrews	8 Type 1 S/T Crews	Water Tenders	6 Water Tenders																																																																							
Dozers	4 S/T Type 2 Dozers	Overhead	2 OPBD, 6 DIVS, 2 SOFR, 4 FOBS, 2 STAM																																																																							
Consequences of Escape	<ol style="list-style-type: none"> 1. Fire spreads south over HWY 192 into the community of Montecito, suburban residential & light commercial. 2. Fire spreads west threatening Rattlesnake Cyn; area is primarily intermix. Last burned in 2009 Jesusita Fire. 3. Fire spreads east threatening Hot Springs Cyn; primarily intermix. Last burned: 2017 Thomas Fire. 4. Fire spreads north over Camino Cielo to heavy continuous fuel on north slope of Santa Ynez Mountains. 																																																																									
Notification of Potential Evacuation	<ol style="list-style-type: none"> 1. Zone MTO 903, 905, SBC 875, 689 – Coyote Rd. to Hot Springs Cyn – Consider Evacuation Order 2. Zone MTO 901, SBC 713 – Rattlesnake Cyn to Coyote Rd. – Consider Evacuation Warning 3. Zone MTO 907 – Hot Springs Cyn to San Ysidro Cyn – Consider Evacuation Warning 4. Zones MTO 917, 919, STB 715 – Coyote Rd through Hot Springs Rd – Consider Evacuation Warning 																																																																									
Fire History	2017: Thomas Fire burned 281,893 acres: Jesusita/Tea Fires to county line 2009: Jesusita Fire burned 8,733 acres: HWY 154 to Gibraltar Rd/ Tea Fire 2008: Tea Fire burned 1,940 acres: Gibraltar Rd to Cold Spring Creek 1971: Romero Canyon Fire burned 15,600 acres in Romero Canyon; 4 firefighter fatalities occurred 1964: Coyote Fire burned 67,000 acres: HWY 154 to Rincon Creek																																																																									
Special Hazards	<ol style="list-style-type: none"> 1. Front Country canyons aligned with <i>sundowner</i> wind conditions. Request Spot Wx Forecast ASAP 2. Narrow winding roads and driveways. Minimal turnarounds. 3. Congested area with large civilian population and limited access and egress. 4. Minimal Safety Zones or Safe Refuge Areas. 5. Numerous structures with poor defensible space. 6. Thermal belt conditions exist at mid slope of Santa Ynez Mtns. 7. Steep drainages oriented north and south. Structures located on all slope aspects. 8. Power lines throughout the operational area. 9. Mountain Drive is a Mid-slope road. 10. Confluence of multiple Fire Jurisdictions complicates command and control. Establish Unified Command. 																																																																									

COLD SPRING CANYON OPERATIONS - Topo Driven Event

Operational Structure	<ul style="list-style-type: none"> 2 Branches: Branch Break at SRA/FRA line. Branch V SRA, Branch X FRA. Consider a 3rd – Law Branch 4 Divs: Div Alpha, Mike, Sierra, Zulu
Operational Priorities	<ul style="list-style-type: none"> Civilian Evacuation Branch V <ul style="list-style-type: none"> Div A / Div Z <ul style="list-style-type: none"> Anchor and effect perimeter control on left and right flanks Point protection at structures as necessary Branch X <ul style="list-style-type: none"> Div M / Div S <ul style="list-style-type: none"> Once in place, perimeter control on the Divisions Plan for E. Camino Cielo contingency Law Branch <ul style="list-style-type: none"> Staff TCPs and assist in evacuation/notifications <div style="text-align: right;">  <p>PreAttack Plans/Maps</p> </div>
Operational References	<ul style="list-style-type: none"> Set up helicopter ground fill at Westmont Lovik field below the tennis courts. (34°26.698' 119°39.743') Closest dip site is Jackson Ranch in Romero Canyon area. (34°26.780' 119°35.245')
Basic Fire Behavior Expectations (2024)	<ul style="list-style-type: none"> Fire behavior will be dependent on the time of year, with the highest intensity and resistance to control coming in the fall months. Aircraft will be effective in the lighter fuel loads since the 2017 Thomas fire burned most of the vegetation. Anticipate fire behavior to moderate overnight with the marine influence. Pay attention to the weather forecast and the potential for sundowner winds...plan accordingly.
Immediate Operational Resource Needs	<div style="display: flex;"> <div style="flex: 1;"> <ul style="list-style-type: none"> Branch V <ul style="list-style-type: none"> Div A / Div Z <ul style="list-style-type: none"> Type 1 Crews Type 2 Dozers Engines or pumping platform as possible <ul style="list-style-type: none"> Type 3 or Type 6 Multiple portable tanks (relay or helicopter fill) Engines for patrol/prep at structures <ul style="list-style-type: none"> Type 1, 3, or 6 Utilize aircraft to assist with securing the edge and making direct attack feasible Consider Evacuations and Structure Defense Potential Branch X <ul style="list-style-type: none"> Div M / Div S <ul style="list-style-type: none"> Crews and Dozers on the Camino to prep Aircraft to “pinch” the head and prep the Camino Crews (Dozers) to continue perimeter control with A/Z Consider Evacuations and Structure Defense Potential Law Branch <ul style="list-style-type: none"> 1 supervisor at ICP 6+ units for TCP staffing Units for evacuation notification SAR for evacuation assistance </div> <div style="flex: 2;">  </div> </div>



Cold Springs Canyon Wildfire Growth Scenario
Model - Oct. 15th with a diurnal wind pattern

Hours From Ignition & Total Acreage Burned

- Initial Ignition Source (6.1 Acres)
- +3 Hours (205.2 Acres)
- +6 Hours (327.7 Acres)
- +9 Hours (817.7 Acres)
- +12 Hours (1505.2 Acres)

Legend: Powderlines, Creeks & Rivers, Streets, Major Flow Paths, Fire Origin

This map represents a model for an ignition that occurs at Tangerine Falls in Cold Springs Canyon during fall conditions. The scenario is based on fuels and weather conditions experienced during this time of year and is not based on a strong wind event occurring during the fire. Each color band represents 3-hours of active burning conditions, and red lines represent major flow paths. The model does not account for suppression actions.

MONTECITO FIRE DISTRICT
Cold Springs Canyon
Wildfire Growth Scenario
20240011

Coordinate with Air Attack for night flying resources. Potential options are:

- 1, 2, or 3 Type 1 helicopters for retardant/water, night capable
 - HT40 (Camarillo) -VNC
 - HT47 (Fox) - LAC
 - HT55 (Van Nuys) - LAC
 - Intel 76
- Mobile Retardant Base