

9/29/98 SEQUENCE OF EVENTS

Table 1: Sequence of events on 9/29/98

Time (GMT) Local: GMT-6	
20:03:--	Depart showery JeffCo for prescribed fire near Salida at 38 deg 36 min lat, 106.9 deg lon.
20:26:--	Arrive prescribed fire. Ambient southwesterly winds at aircraft altitude. Upper clouds with sun breaking through at times. Fire located on west slope of a ridge in a conifer forest with aspen groves and open areas nearby.
	Did circles around 38.6 deg lat, -106. on WINDS display. Fire was apparently lit in several locations (perhaps this is responsible for four long fingers of fire&smoke aligned up and down the slope). Fires eventually organized themselves into an arc.
about 21:22:--	Leave fire for JeffCo
about 21:50:--	Arrive JeffCo.

SVHS IR CAMERA DATA

Table 2: 9/29/98 SVHS IR Tape #1

Time On (GMT)	Time Off (GMT)	Notes
20:26:02	21:25:18	Recording for entire time near Salida fire

Infrared Camera Data from DV

Table 3: 9/29/98 IR Tape 1 Salida Fire

Time On (GMT)	[Time code]	Time Off (GMT)	[Time code]	Range	Notes
20:36:34	[0:00]	[20:47:13]	[20:36:01]	2	Prescribed fire is a spot complex. [3:16]-[3:30] pass spot complex [5:30]-[20:29] One of Henry's famous pylon turns. Two white smoke plumes. [19:46] Small cumulus cloud forming in smoke plume, caught in IR image.
20:56:00	[20:36]	20:56:42	[21:11]	3	nothing
20:57:46	[21:11]	20:58:36	[21:59]	3	One short pass by fire. Fire looks hotter, has stronger plume.
20:58:16	[21:59]	21:10:26	[33:10]	3	Organized fire line. [24:12] Small pyrocumulus still visible in visible image. [27:09] Clouds visible in IR image. Fire has good arc shape. [28:36] Clouds obscure IR image. [31:07] Four long fire & smoke fingers aligned up&down hill.