

Part I: T-Rex time lapse video by fixed camera

Location: MAPR site (Latitude: 36.79 N; Longitude: 118.18 W), face toward NNW

March 22 – Apr 30, 2006, in Owens Valley, CA

Equipment: Panasonic Security Digital Imaging Camera

Interval: 4 second

Date	Phenomenon	Comment
March 22	EOP-1 Quiescent day, light northwesterly; thin cirrus, Late afternoon: cirrostratus	Time on screen is 1 hour later than PST
March 23	EOP-1 Morning: wavy cirrocumulus Afternoon: Lenticular clouds, wave clouds	Time on screen is 1 hour later than PST
March 24	IOP-6 Strong westerly Morning: wave clouds Afternoon: Lenticular clouds, wave clouds	Time on screen is 1 hour later than PST
March 25	IOP-6 Morning: Trapped wave clouds/mountain convection, lenticular, downslope flowing Afternoon: Precipitation Before sunset: Hydraulic jump	Time on screen is 1 hour later than PST
March 26	light NW clear sky with cirrus, cirrostratus	Time on screen is 1 hour later than PST
March 27	Morning: wavy altocumulus cloud Afternoon: stratocumulus cloud	Time on screen is 1 hour later than PST
March 28	IOP-7, southerly Morning: cap cloud/altocumulus/altostratus Afternoon: precipitation	Time on screen is 1 hour later than PST
March 29	EOP-2 NW, mountain convection	Time on screen is 1 hour later than PST
March 30	EOP-2, weak westerly Cirrocumulus	Time on screen is 1 hour later than PST
March 31	IOP-8, southerly in the valley Nimbostratus/stratocumulus/ altocumulus	Time on screen is 1 hour later than PST
April 1	Westerly, Morning: lenticular	Time on screen is 2 hour later than PDT
April 2	IOP-9, Westerly wave clouds	Time on screen is 2 hour later than PDT
April 3	IOP-9 end early this morning Morning: westerly, wave clouds, rotor clouds	Time on screen is 2 hour later than PDT
April 4	Southerly, Altocumulus/nimbostratus	Time on screen is 2 hour later than PDT
April 5	Non-IOP Morning: NW, ice cloud blowing	Time on screen is 2 hour later than PDT

	Afternoon: W, wave clouds, cap clouds, downslope flowing	
April 6	Aircraft intercomparison. Westerly clear sky, some cirrus	Time on screen is 2 hour later than PDT
April 7	Quiescent day mountain convection	Time on screen is 2 hour later than PDT
April 8	IOP-10 Morning: Cirrus, some wave clouds	Time on screen is 2 hour later than PDT
April 9	IOP-11 Wave clouds, ice cloud blowing	Time on screen is 2 hour later than PDT
April 10	Afternoon: mountain convection, ice cloud blowing	Time on screen is 2 hour later than PDT
April 11	IOP-12, WSW Morning: wave clouds, ice cloud blowing	Time on screen is 2 hour later than PDT
April 12	Westerly, mountain convection, ice cloud blowing	Time on screen is PDT
April 13	Mountain convection Late afternoon: wave clouds	Time on screen is PDT
April 14	Strong southerly, Nimbostratus and stratocumulus. Afternoon precipitation	Time on screen is PDT
April 15	IOP-13 Lenticular clouds, wave clouds. Afternoon: rotor clouds	Time on screen is PDT
April 16	IOP-13 Afternoon: ice cloud blowing, wave clouds, lenticular cloud.	Time on screen is PDT
April 17	Northwesterly Early morning: hydraulic jump and downslope flowing	Time on screen is PDT
April 18	Clear sky	Time on screen is PDT
April 19	Clear sky	Time on screen is PDT
April 20	Clear sky Afternoon: westerly, lenticular	Time on screen is PDT
April 21	IOP-14 Southwesterly, altocumulus, mountain convection, downslope flowing	Time on screen is PDT
April 22	Southerly Mountain convection	Time on screen is PDT
April 23	Northerly Nimbostratus, 18PM precipitation	Time on screen is PDT
April 24	Quiescent day, weak westerly Mountain convection	Time on screen is PDT

April 25	Mountain convection	Time on screen is PDT
April 26	IOP-15, Strong easterly Nimbostratus clouds with precipitation Altostratus/stratocumulus	Time on screen is PDT
April 27	Easterly turns to Northeasterly Morning: Stratocumulus, wave clouds. Afternoon: altostratus, ice cloud blowing	Time on screen is PDT
April 28	Quiescent day Mountain convection	Time on screen is PDT
April 29	EOP-4, weak Northwesterly Mountain convection	Time on screen is PDT
April 30	EOP-5 Mountain convection	Time on screen is PDT

Part II: T-Rex time lapse video by the portable video system

Location: White Mountain Research Station (Latitude: 37.36 N; Longitude: -118.32 W,
Bishop, face toward South

March 31 – Apr 13, 2006,

Equipment: Sony Camcorder

Interval: 30 second

#	Date	Time	Comment
1	March 31	10:18-18:35 PST	Ends at dusk
2	April 1	10:31-18:32 PST	Ends at dusk. Daylight saving time starts today. Local time is PDT, PDT is 1 hour ahead of PST
3	April 2	10:05-18:29 PST	Ends at dusk
4	April 6	8:21-18:41 PST	Ends at dusk
5	April 7	8:29-13:58 PST	Ends because of strong wind
6	April 8	7:12-18:37 PST	Ends at dusk
7	April 9	8:14-18:05 PST	Ends at dusk
8	April 10	8:54-18:45 PST	Ends at dusk
9	April 11	7:00-18:40 PST	Ends at dusk
10	April 12	5:02-18:50 PST	Ends at dusk
11	April 13	8:41-18:48 PST	Ends at dusk

Part III: T-Rex time lapse video by Ron Smith

April, 2006 in Owens Valley

Equipment: Camcorder (Sony DCR-HC90)

Smooth interval mode, 10 second interval

Bishop location is at the White Mountain Research Station

#	Location	View	Clip Duration	Phenomenon	Date	Comment
1	Sonora Pass	S	3s	Pointed wave cloud	April 8	Drive from Reno
2	Bishop	SSW	19s	Mountain Convection	April 10	
3	Bishop	SSW	44s	Ice cloud blowing over valley	April 11	End with tripod falling
4	Bishop	SSW	92s	Lenticular cloud shifting to mountain convection	April 15	
5	Bishop	S	66s	Gravity downslope flowing	April 16	Ends at dusk