

Line #	62	63	64
Lidar	✓	✓	✓
Spectrometer	✓	✓	✓
Camera	✓	✓	✓
Cloud Cover			

Total number of lines flown: 23

D14|SRER_P3

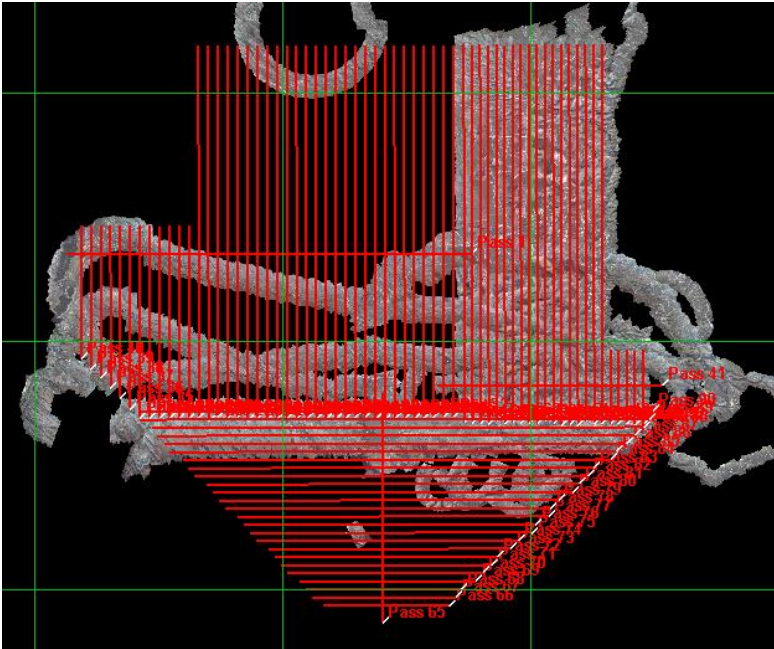
Line #	86	87	88	89	90
Lidar	✓	✓	✓	✓	✓
Spectrometer	✓	✓	✓	✓	✓
Camera	✓	✓	✓	✓	✓
Cloud Cover					

Total number of lines flown: 5

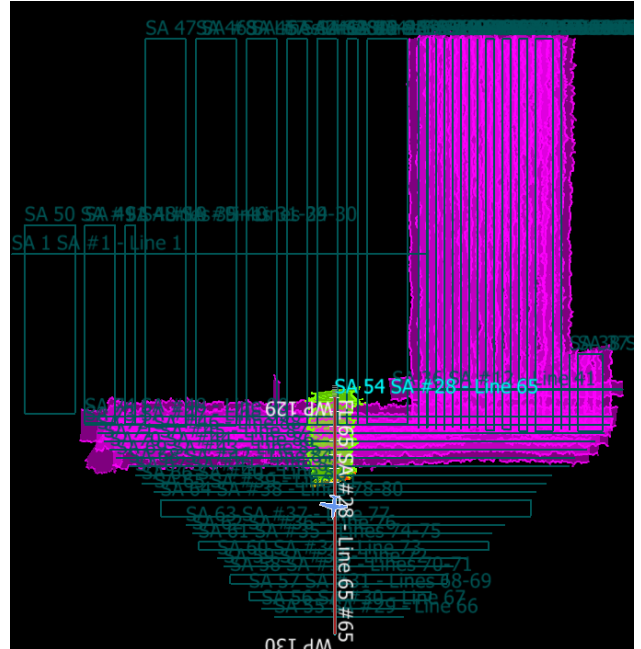
*Lines 89 and 90 were flown but will be re-flown for better data quality if time allows

Flight Screenshots

NIS



LiDAR



Cumulative Domain Coverage

D14|JORN_P1 (Jornada Priority 1)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30	31	32	33	34						

Flown: 100% (34/34)

Green: 100% (34/34)

Yellow: 0% (0/34)

Red: 0% (0/34)

D14|JORN_P2 (Jornada Priority 2)

35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54
55																			

Flown: 100% (21/21)
Green: 43% (9/21)
Yellow: 57% (12/21)
Red: 0% (0/21)

D14|N14A (D14 Nominal Runway)

1

Flown: 0% (0/1)
Green: 0% (0/1)
Yellow: 0% (0/1)
Red: 0% (0/1)

D14|SRER_P1 (Santa Rita Experimental Range Priority 1)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40

Flown: 100% (40/40)
Green: 98% (39/40)
Yellow: 2% (1/40)
Red: 0% (0/40)

D14|SRER_P2 (Santa Rita Experimental Range Priority 2)

41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
61	62	63	64																

Flown: 100% (24/24)
Green: 100% (24/24)
Yellow: 0% (0/24)
Red: 0% (0/24)

D14|SRER_P3 (Santa Rita Experimental Range Priority 3)

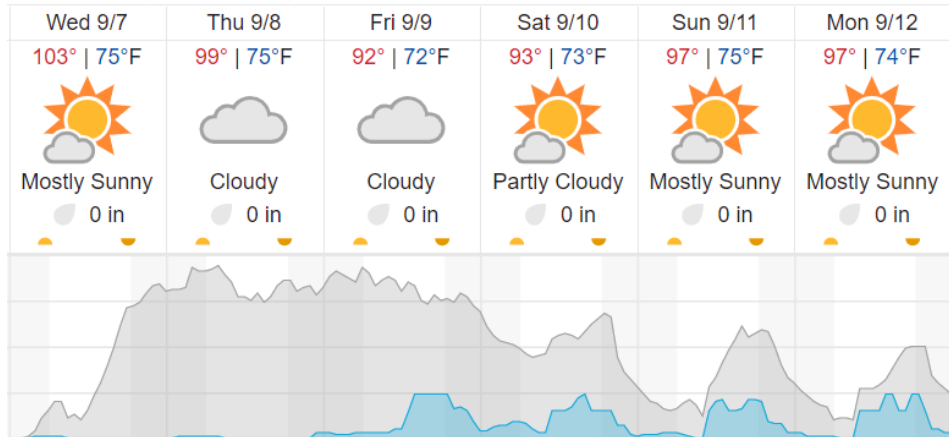
65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84
85	86	87	88	89	90														

Flown: 15% (4/26)
Green: 15% (4/26)
Yellow: 0% (0/26)
Red: 0% (0/26)

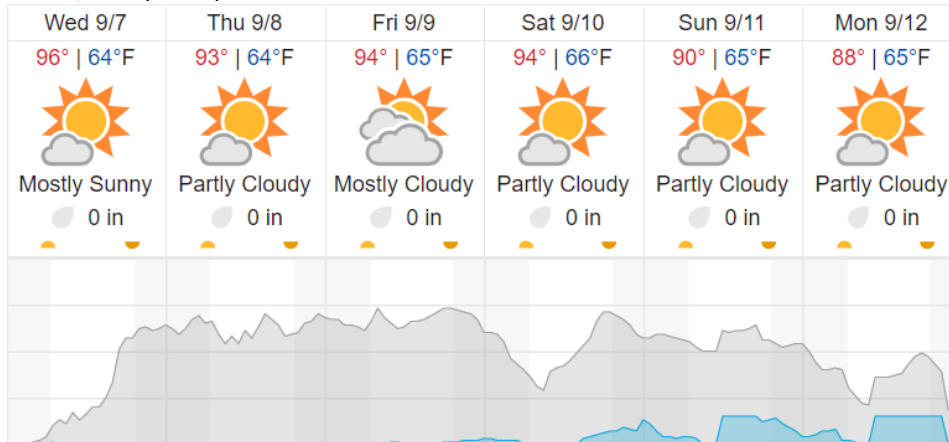
*Lines 89 and 90 were flown but will be re-flown for better data quality if time allows

Weather Forecast

Tucson, AZ (KTUS, SRER)



Hatch, NM (JORN)



source: wunderground.com

Flight Collection Plan for 7 September 2022

Flyority 1

Collection Area: Santa Rita Experimental Range (SRER) – Priority 3 Box

Flight Plan Name: D14_SRER_C1_P1_v6_PRM.xml

40° On-station Time: 16:20 UTC / 09:20 MST

Flyority 2 (if green)

Collection Area: Jornada (JORN) – Priority 2 Flight Box

Flight Plan Name: D14_JORN_R1_P1_v5_PRM.xml

35° On-station Time: 15:40 UTC / 09:40 MDT / 8:40 MST

Flyority 3

Collection Area: Nominal Runway – D14

Flight Plan Name: D14_N14A_Nominal_Runway_Test_v1_PRM

On-station Time: N/A

Crew: Elissa, Abe