

Calendar of SMAP, SMOS, RADARSAT-2, Sentinel-1A, and Sentinel-1B acquisitions over SMAPVEX16-MB area from June 6th to July 24th

Date (2016)	Satellites	Local time	Flight direction	Incidence Angle (°)	Polarization
June 6 th	SMAP	8:14 AM	D	40	H, V
	SMOS	7:54 PM	D	0-55	H, V
June 7 th	SMAP	7:20 PM	A	40	H, V
	SMOS	7:12 AM	A	0-55	H, V
June 8 th	SMAP	7:49 AM	D	40	H, V
		6:57 PM	A		
	SMOS	6:34 AM	A	0-55	H, V
		8:16 PM	D		
	RADARSAT-2	7:57 AM	D	FQ3W (20.0–23.6)	HH+HV+VH+ VV
7:19 PM		A	FQ15W (33.7-36.7)		
June 9 th	SMAP	8:26 AM	D	40	H, V
June 10 th	SMAP	6:32 PM	A	40	H, V
	SMOS	6:56 AM	A	0-55	H, V
8:38 PM		D			
June 11 th	SMAP	8:02 AM	D	40	H, V
	SMOS	8:00 PM	D	0-55	H, V
June 12 th	SMAP	8:37 AM	D	40	H, V
		7:09 PM	A		
	SMOS	7:18 AM	A	0-55	H, V
	RADARSAT-2	7:40 AM	D	FQ20W (38.6-41.3)	HH+HV+VH+ VV
		7:03 PM	A	FQ1W (17.5-21.2)	
Sentinel-1A	7:15 PM	A		VV, VH	
June 13 th	SMAP	6:44 PM	A	40	H, V
	SMOS	6:39 AM	A	0-55	H, V
8:22 PM		D			
June 14 th	SMAP	8:14 AM	D	40	H, V
	SMOS	7:43 PM	D	0-55	H, V
June 15 th	SMAP	7:20 PM	A	40	H, V
	SMOS	7:01 AM	A	0-55	H, V
	RADARSAT-2	7:53 AM	D	FQ7W (24.9-28.3)	HH+HV+VH+ VV
		7:15 PM	A	FQ11W (29.5-32.6)	
June 16 th	SMAP	7:49 AM	D	40	H, V
		6:57 PM	A		
	SMOS	6:23 AM	A	0-55	H, V
		8:05 PM (partial coverage)	D		
SMAP	8:26 AM	D	40	H, V	

June 17 th	Sentinel-1A	7:15 PM	A		VV, VH
June 18 th	SMAP	6:32 PM	A	40	H, V
	SMOS	6:45 AM	A	0-55	H, V
		8:27 PM	D		
RADARSAT-2	7:28 PM	A	FQ18W (36.7-39.5)	HH+HV+VH+ VV	
June 19 th	SMAP	8:02 AM	D	40	H, V
	SMOS	7:48 PM	D	0-55	H, V
June 20 th	SMAP	8:37 AM	D	40	H, V
		7:09 PM	A		
June 21 st	SMOS	7:06 AM	A	0-55	H, V
		6:44 PM	A		
	SMAP	6:44 PM	A	40	H, V
June 22 nd	RADARSAT-2	6:28 AM	A	0-55	H, V
		8:10 PM (partial coverage)	D		
	SMAP	8:14 AM	D	40	H, V
June 23 rd	RADARSAT-2	7:48 AM	D	FQ11W (29.5-32.6)	HH+HV+VH+ VV
		7:11 PM	A	FQ7W (24.9-28.3)	
June 24 th	SMAP	7:21 PM	A	40	H, V
		6:50 AM	A		
June 25 th	SMOS	8:32 PM	D	0-55	H, V
		7:49 AM	D		
	SMAP	6:57 PM	A	40	H, V
June 26 th	SMOS	7:54 PM	D	0-55	H, V
		Sentinel-1A	7:15 PM		
	SMAP	8:26 AM	D	40	H, V
June 27 th	RADARSAT-2	7:12 AM	A	0-55	H, V
		8:01 AM	D	FQ5W (22.5-26.0)	HH+HV+VH+ VV
	7:24 PM	A	FQ14W (32.7-35.7)		
June 28 th	SMAP	6:32 PM	A	40	H, V
		6:33 AM	A		
June 29 th	SMOS	8:16 PM	D	0-55	H, V
		8:02 AM	D		
	SMAP	8:38 AM	D	40	H, V
June 30 th	SMOS	6:55 AM	A	0-55	H, V
		8:38 PM	D		
	SMAP	7:09 PM	A	40	H, V
July 1 st	RADARSAT-2	6:44 PM	A	40	H, V
		7:59 PM	D		
	SMAP	7:44 AM	D	FQ16W (34.8-37.6)	HH+HV+VH+ VV
Sentinel-1A	7:07 PM	A	FQ2W (19.0-22.7)		
July 2 nd	SMAP	7:15 PM	A	40	H, V
		8:14 AM	D		
July 3 rd	SMOS	7:17 AM	A	0-55	H, V
		7:20 PM	A		
July 4 th	SMOS	6:39 AM	A	0-55	H, V
		8:21 PM	D		
July 5 th	SMAP	7:49 AM	D	40	H, V
		6:57 PM	A		

	SMOS	7:42 PM	D	0-55	H, V
	RADARSAT-2	7:57 AM	D	FQ3W (20-23.6)	HH+HV+VH+VV
		7:19 PM	A	FQ15W (33.7-36.7)	
July 3 rd	SMAP	8:26 AM	D	40	H, V
	SMOS	7:01 AM	A	0-55	H, V
July 4 th	SMAP	6:32 PM	A	40	H, V
	SMOS	6:22 AM	A	0-55	H, V
8:04 PM		D			
July 5 th	SMAP	8:02 AM	D	40	H, V
July 6 th	SMAP	8:37 AM	D	40	H, V
		7:09 PM	A		
	SMOS	6:44 AM	A	0-55	H, V
		8:26 PM	D		
	RADARSAT-2	7:40 AM	D	FQ19W (37.7-40.4)	HH+HV+VH+VV
		7:03 PM	A	FQ1W (17.5-21.2)	
Sentinel-1A	7:15 PM	A		VV, VH	
July 7 th	SMAP	6:44 PM	A	40	H, V
	SMOS	7:48 PM	D	0-55	H, V
July 8 th	SMAP	8:14 AM	D	40	H, V
	SMOS	7:06 AM	A	0-55	H, V
July 9 th	SMAP	7:20 PM	A	40	H, V
	SMOS	6:27 AM	A	0-55	H, V
		8:10 PM (partial coverage)	D		
	RADARSAT-2	7:53 AM	D	FQ7W (24.9-28.3)	HH+HV+VH+VV
		7:15 PM	A	FQ11W (29.5-32.6)	
	Sentinel-1B	7-8 AM	D		VV, VH
July 10 th	SMAP	7:49 AM	D	40	H, V
		6:57 PM	A		
July 11 th	SMAP	8:26 AM	D	40	H, V
	SMOS	6:49 AM	A	0-55	H, V
		8:32 PM	D		
Sentinel-1A	7:15 PM	A		VV, VH	
July 12 th	SMAP	6:32 PM	A	40	H, V
	SMOS	7:53 PM	D	0-55	H, V
		RADARSAT-2	8:05 AM	D	FQ1W (17.5-21.2)
	7:28 PM		A	FQ18W (36.7-39.5)	
Sentinel-1B	7:15 PM	A		VV, VH	
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		7:09 PM	A		
	SMOS	6:33 AM	A	0-55	H, V
8:15 PM		D			
July 15 th	SMAP	6:44 PM	A	40	H, V

July 16 th	SMAP	8:14 AM	D	40	H, V
	SMOS	6:55 AM	A	0-55	H, V
		8:37 PM	D		
	RADARSAT-2	7:48 AM	D	FQ11W (29.5-32.6)	HH+HV+VH+ VV
7:11 PM		A	FQ7W (24.9-28.3)		
July 17 th	SMAP	7:20 PM	A	40	H, V
	SMOS	7:58 PM	D	0-55	H, V
	Sentinel-1B	7:15 PM	A		VV, VH
July 18 th	SMAP	7:49 AM	D	40	H, V
		6:57 PM	A		
	SMOS	7:16 AM	A	0-55	H, V
	Sentinel-1A	7:15 PM	A		VV, VH
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		8:20 PM	D		
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7:23 PM		A	FQ20W (38.6-41.3)		
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		7:09 PM	A		
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		8:04 PM	D		
July 23 rd	SMAP	6:44 PM	A	40	H, V
	RADARSAT-2	7:44:45	D	FQ16W (34.8-37.6)	HH+HV+VH+ VV
		7:07 PM	A	FQ2W (19.0-22.7)	
Sentinel-1A	7:15 PM	A		VV, VH	
July 24 th	SMAP	8:14 AM	D	40	H, V
	SMOS	6:43 AM	A	0-55	H, V
		8:26 PM	D		
	Sentinel-1B	7:15 PM	A		VV, VH