

The location of clouds seen on Titan with the VIMS instrument

Sequence, Flyby # and date	Cloud type ^a	Avg. central lat.	Avg. central East long.	Mean Inc.	Mean Em.	Mean Phase	Avg. Res. (km)
S02/T0 (1 July 2004)	SP	-66°	-80°	44.5°	42.4°	60.7°	88
	TROP	-24°	-64°	6.6°	77.4°	76.1°	88
	~40° S	-35°	20°			N/A	
S05/TA (26 Oct. 2004)	SP	-90°		56.3°	67°	14.7°	140
	~40° S	-56°	-107°	48.3°	61.7°	13.9°	116
	~40° S	-46°	-92°	53.7°	67.6°	14°	78
S06/TB (13 Dec. 2004)	SP	-80°	-150°	61°	75.6°	15.7°	47
	~40° S	-50°	157°	46.6°	56.4°	15.3°	56
	~40° S	-43°	-167°	24.3°	39.4°	17.9°	20
	~40° S	-49°	-77°	43.7°	54.4°	15.4°	52
	~40° S	-50°	-130°			N/A	
	~40° S	-31°	-130°			N/A	
	NP	60°	all	82.7°	69.9°	14.3°	34
S08/T3 (15 Feb. 2005)	SP	-75°	-145°			N/A	
	NP	56°	all	78.5°	59.8°	19.1°	85.5
S09/T4 (31 March 2005)	SP	-65°	15°	68.1°	70.3°	57°	38
	SP	-70°	-48°	53.2°	77.3°	57.3°	38
	~40° S	-40°	-42°			N/A	
	NP	59°	all	83.8°	63.6°	56.5°	35
S10/T5 (16 April 2005)	NP	45°	all	67.4°	53.5°	55.5°	74
S13/T6	SP	-67°	90°			N/A	
	~40° S	-58°	20°			N/A	

	NP	59°	all			N/A	
S14/T7 (7 Sept. 2005)	NP	72°	all	94.4°	81.3°	51.5°	62
S15/T8 (28 Oct. 2005)	SP	-75°	-130°	56.3°	78.6°	24.8°	54
	NP	73°	all	95.3°	78.4°	22.6°	75
S17/T9 (26 Dec. 2005)	SP	-76°	45°	60.4°	79.4°	28.5°	83
	TROP	-28°	-119°	66.9°	71°	137.9°	9.8
	NP	73°	all	94.7°	77.1°	26.6°	70.5
S17/T10 (15 Jan. 2006)	NP	62°	all	85.7°	79.5°	35.3°	69
S18/T11 (27 Feb. 2006)	NP	75°	all	98.2°	81.2°	17.3°	93
S19/T12 (18 March 2006)	~40° S	-38°	-140°			N/A	
	NP	58°	-73°	75.9°	78.3	63.2°	142
S20/T13 (30 April 2006)							
S20/T14 (20 May 2006)	NP	57°	-90°	76.4°	80.2°	91.2°	106
S21/T15 (2 July 2006)	~40° S	-45°	25°			N/A	
	NP	62°	60°	79°	79.9°	61°	107
S22/T16 (22 July 2006)	~40° S	-38°	20°	58.6°	31.5°	59.3°	77
	NP	57°	all			N/A	
S23/T17 (7 Sept. 2006)	SP	-70°	67°	79.1°	76.4°	55.2°	8.9
	SP	-67°	20°	62.2°	63.9°	58.6°	11.2
	SP	-62°	42°	70°	57.7°	59.2°	15
	SP	-75°	-20°			N/A	
	~40° S	-43°	-38°	28.4°	65°	63.8°	52
	~40° S	-47°	19°	54.5°	42.5°	58.8°	12
	~40° S	-51°	44°	70.8°	54.7°	54.1°	8
	~40° S	-45°	45°	73.5°	38.5°	61.9°	36
	~40° S	-45°	32°	63.3°	40.1°	59°	14
NP	62°	all	83.9°	78°	63°	65	
S23/T18 (23 Sept. 2006)	NP	55°	all	72.5°	82.5°	64.3°	63
S24/T19	SP	-76°	all	73.1°	76.3°	64.8°	46

(9 Oct. 2006)	~40° S	-45°	4°	50.1°	25.2°	64.9°	40
	~40° S	-44°	32°	67.5°	16.8°	64.6°	44
	NP	62°	all	79.8°	80.2°	111°	70
S25/T20 (25 Oct. 2006)	SP	-85°	-85°	70.8°	70.7°	65.3°	12
	SP	-82°	-30°	65.8°	60.8°	65.8°	12
	SP	-85°	2°	71.2°	61.2°	65.4°	12
	SP	-77°	-85°	69.6°	71.5°	65.8°	12
	SP	-78°	22°	67.8°	50.4°	65.3°	12
	SP	-76°	40°	71.1°	52.5°	65.1°	12
	SP	-65°	-91°	61.3°	78.9°	67.6°	14
	SP	-71°	60°	62.3°	74.3°	67.4°	14
	~40° S	-45°	50°			N/A	
	~40° S	-31°	-48°			N/A	
NP	60°	all	76.3°	80.3°	114°	81	
S26/T21 (12 Dec. 2006)	SP	-85°	-175°			N/A	
	SP	-65°	-88°			N/A	
	~40° S	-48°	45°	72.6°	15.3°	67.6°	27
	~40° S	-40°	32°	62.9°	10.7°	68.2°	22
	~40° S	-35°	-40°			N/A	
	TROP	-17°	12°	45.5°	29.9°	68.2°	27
	TROP	-15°	-17°			N/A	
NP	65°	all	82.3°	75°	109.2°	89	
S26/T22 (28 Dec. 2006)	SP	-75°	-105°			N/A	
	SP	-66°	15°			N/A	
	~40° S	-40°	30°	55.6°	13.2°	68.7°	15.5
	~40° S	-35°	-37°			N/A	
	NP	57°	all	74.4°	77.5°	113.8°	90
S27/T23 (13 Jan. 2007)	SP	-87°	all	77.9°	40°	73.9°	25
	SP	-64.4°	-54.4°	52.9°	50.9°	74.7°	37
	~40° S	-58.9°	-14°	47.8°	35.8°	74.7°	36
	~40° S	-44°	45°	72.4°	6.1°	74°	27
	~40° S	-47°	17°	54.6°	20.5°	74.6°	41
	~40° S	-48.5°	-9°	41.2°	35.8°	74.8°	38

	~40° S	-32°	-20°			N/A	
	NP	55°	All	60.3°	82.4°	110.5°	151
S27/T24 (29 Jan. 2007)	SP	-80°	-70°	68.9°	47.8°	74.9°	15
	~40° S	-39°	10°	43.2°	34.1°	77°	12.5
	NP	56°	All	73.4°	63.5°	105.1°	78
S28/T25 (22 Feb. 2007)	NP	57°	all	71.8°	17.3°	69.1°	60
S28/T26 (10 March 2007)	SP	-75°	-175°			N/A	
	~40° S	-38°	all			N/A	
	NP	75°	all	87.9°	30.8°	60.8°	29
S28/T27 (26 March 2007)	SP	-85°	174°			N/A	
	SP	-65°	70°			N/A	
	SP	-70°	-132°	70.1°	55.1°	125°	45
	~40° S	-46°	-145°	54.8°	73.4°	123.5°	75
	TROP	-5°	117°			N/A	
	NP	62°	all	76.3°	29.8°	52°	65
S29/T28 (10 April 2007)	SP	-88°	all			N/A	
	~40° S	-45°	-134°	62.5°	78.5°	130.8°	69
	NP	55°	all	69.4°	29.7°	45.1°	35
S29/T29 (26 April 2007)	SP	-73°	all	62.5°	78.5°	139.5°	96
	TROP	-5°	130°			N/A	
	NP	56°	all	71.1°	38.5°	36.5°	76
S30/T30 (12 May 2007)	SP	-63°	-118°	52.7°	79.8°	144°	92
	~40° S	-56°	130°	50.5°	76.5°	29.8°	83.5
	NP	57°	all	73.4°	49.3°	28.7°	73
S30/T31	~40° S	-51°	110°	58.6°	75.7°	25.1°	61

(28 May 2007)	~40° S	-52°	127°	55.5°	73.7°	25.1°	62
	NP	65.5°	all	85.9°	67.7°	23.6°	56
S31/T32 (13 June 2007)	SP	-73°	all	62.8°	77.9°	16°	76
	~40° S	-53°	-158°	60°	75.5°	15.6°	65
	~40° S	-47°	80°	70.7°	76.8°	15.5°	113
	NP	66.5°	all	88.7°	75.9°	14.8°	98
S31/T33 (29 June 2007)	~40° S	-48°	100°	55.4°	64.8°	16.9°	18
	~40° S	-50°	118°	49.6°	59.6°	16°	18
	~40° S	-45°	-178°	48.3°	59.3°	12.3°	118
	NP	71°	All	83.9°	73.7°	11.9°	91
S32/T34 (19 July 2007)	~40° S	-46°	150°	59.5°	75.6°	124.2°	112
	~40° S	-42°	17°	66.7°	45.3°	55.8°	18
	~40° S	-45°	32°	52.1°	46.9°	59.6°	50
	TROP	-25°	175°			N/A	
	TROP	-10°	150°			N/A	
	NP	62.5°	All	74°	79.7°	61.4°	129
S33/T35 (31 Aug. 2007)	NP	60°	All	75.5°	65.3°	27.7°	28
S34/T36 (2 Oct. 2007)	~40° S	-53°	110°	70.3°	65.3°	32.6°	82
	~40° S	-46°	-144°	50.2°	78.6°	33°	68
	TROP	-10°	150°			N/A	
	NP	58.5°	all	77.1°	79.4°	32.6°	92
S35/T37 (19 Nov. 2007)	~40° S	-50°	-160°			N/A	
	NP	70°	all	81.6°	76.9°	41.2°	120
S35/T38 (5 Dec. 2007)	SP	-66°	-100°	72.3°	77.3°	137°	16
	~40° S	-50°	115°			N/A	
	NP	60°	all	76.6°	76.2°	44.9°	142
S36/T39 (20 Dec. 2007)	~40° S	-49°	-85°	74.3°	62.4°	134°	86
	NP	71°	all	82.8°	58.4°	50°	102
S36/T40 (5 Jan. 2008)	SP	-68°	-100°			N/A	
	~40° S	-45°	-85°			N/A	
	TROP	-16°	-92°			N/A	
	NP	60°	all	77.3°	69.1°	57.5°	66

S38/T41 (22 Feb. 2008)	TROP	-26°	-98°	62.5°	57.5°	119.5°	69
	NP	69°	all	81.5°	53.5°	65.7°	71
S39/T42 (26 March 2008)	SP	-77°	-160°	69.2°	69.1°	109.6°	15
	~40° S	-50°	-125°		N/A		
	~40° S	-37°	-80°		N/A		
	TROP	-25°	-115°	47.3°	72.8°	111.7°	98
	TROP	-22°	-80°	80.9°	32.1°	110.2°	21
	TROP	-25°	-80°	80.8°	31.5°	110.1°	21
	TROP	-17°	-72°	88.6°	24.3°	110°	22
NP	66°	All	76.7°	58.3°	73.6°	99	
S40/T43 (12 May 2008)	SP	-80°	-110°		N/A		
	SP	-67°	-172°	61.2°	75.3°	102.6°	79
	~40° S	-37°	-125°	41.8°	63.6°	103°	84
	~40° S	-40°	-90°		N/A		
	TROP	-11°	-105°	51.2°	56.9°	102.8°	74
	NP	66°	All	74.7	58.4°	82.1°	83
S40/T44 (28 May 2008)	SP	-81°	-41°	87.6°	54.9°	94°	48
	SP	-80°	-98°	79.2°	55.4°	94.3°	54
	~40° S	-41°	-93°	63.8°	34.8°	95.7°	100
	~40° S	-44°	134°	61.7°	77.4°	89.2°	42
	TROP	-16°	-93°	65.5°	30.9°	93.5°	33
	NP	81°	all	89.8°	63.3°	88.5°	64
	NP	62°	all	75.5°	51.8°	88.9°	71
S42/T45 (31 July 2008)	SP	-88°	all	84.4°	64.6°	86.4°	136
	NP	74°	all	84.8°	59.3°	96.8°	75
S45/T46 (3 Nov. 2008)	~40° S	-37°	-159°	35.7°	72°	81.6°	64
	NP	62°	all	71.7°	52°	94.8°	110
	NP	83°	all	89.3°	58.4°	94.5°	112
S45/T47 (19 Nov. 2008)	NP	61°	all	70.9°	63.5°	100.3°	97
	NP	83°	all	88°	58.2°	100.2°	113
S46/T48 (5 Dec. 2008)	SP	-77°	146°	81.4°	64.9°	77.3°	79
	~40° S	-41°	171°	48.5°	80.3°	76.1°	23
	NP	64°	all	75.3°	55.8°	108.3°	112
	NP	82°	all	87.5°	54.5°	108.2°	116

S46/T49 (21 Dec. 2008)	~40° S	-42°	-119°	46.4°	29.2°	71.2°	51
	~40° S	-40°	-100°	60.6°	10.6°	70.8°	18
	~40° S	-34°	-92°	64°	10.5°	70.5°	15
	TROP	-12°	-133°	21.1°	52.6°	72.4°	29
	NP	73°	all	81.3°	50°	110.3°	96
S47/T50 (7 Feb. 2009)	NP	66°	all	76.5°	47.1°	105.9°	97
S49/T51 (27 March 2009)	~40° S	-49°	-157°	47.6°	44.4°	75.2°	65
	~40° S	-47°	-68°	80.6°	10.7°	74.5°	49
	NP	65°	all	75.3°	43.7°	106.2°	99
	NP	83°	all	86.7°	35.2°	106.1°	114
S49/T52 (4 April 2009)	~40° S	-49°	-21	57.6°	53.1°	73.8°	59
	~40° S	-52°	28°	52.8°	39.1	74.1°	59
	~40° S	-46°	47°	66.4°	50.1°	71.9°	100
	NP	67°	all	77.3°	42.7°	108.3°	83
S49/T53 (20 April 2009)	~40° S	-42°	12°	52.4°	52.4°	67.6°	83
	NP	70°	all	78.6°	36.3°	80.2°	368
S50/T54 (5 May 2009)	NP	80°	70°	82.7°	45.3°	118.7°	57
S50/T55 (21 May 2009)	~40° S	-42°	-7°	50.5°	37.3°	52.3°	137
	~40° S	-42°	30°	48.5°	35.4°	52°	157
	~40° S	-43°	70°	55°	12.8°	54.6°	37
	TROP	-25°	73°	48°	30.9°	55.2°	34
	NP	80°	All	84.5°	41.8°	121.3°	125
S50/T56 (6 June 2009)	~40° S	-44°	41°	52°	20.7°	44.2°	111
	~40° S	-43°	-34°	62.8°	46.9°	44.1°	111
	TROP	-26°	-20°	48.9°	49.7°	44.4°	110
	TROP	-3°	19°	8.8°	43.5°	44.3°	131
	NP	71°	57°	72.5°	61.3°	130.2°	82
S51/T57 (22 June 2009)	~40° S	-39°	-21°	50.9°	29.8°	36.3°	81
	~40° S	-40°	24°	49°	21.8°	36.5°	71
	~40° S	-38°	78°	55.8°	29.7°	36.4°	71
	~40° S	-52°	96°	75.4°	44.5°	36.1°	67
	NP	79°	36°	80.3°	59.3°	138.6°	76
S51/T58 (8 July 2009)	~40° S	-52°	-22°	68.3°	48.2°	28.4°	49
	~40° S	-44°	-7°	54.3°	33.9°	28.2°	67
	~40° S	-43°	72°	53.1°	28.8°	30.3°	30
	~40° S	-44°	102°	75.7°	55.4°	28.7°	41
	NP	79°	40°	80.3°	68.1°	148.1°	52
S53/T61 (25 Aug. 2009)	~40° S	-45°	50°	47°	42.9°	11.1°	24
	~40° S	-46°	14°	50.4°	41°	11.8°	52
S54/T62 (12 Oct. 2009)	~40° S	-44°	33°	46.5°	45.3°	10.9°	57
	~40° S	-44°	-12°	60.9°	53.6°	10.2°	61

	~40° N	31°	-6°	43.3°	39.7°	10.4°	98
	~40° N	31°	4°	43.5°	39.5°	10.4°	98
	NP	69°	50°	69.5°	73.9°	10.8°	103
S55/T63 (12 Dec. 2009)	~40° S	-47°	140°	60°	53.7°	48.1°	47
	~40° S	-40°	162°	65.7°	44.4°	48.5°	33
	~40° N	46°	-176°	82.3°	56.6°	46.1°	56
	~40° N	47°	178°	76.3°	53.1°	46.2°	57
	NP	71°	-120°	77°	76°	45.7°	86
S56/T64 (28 Dec. 2009)	~40° S	-52°	-178°	81.2°	53.1°	42.8°	36
	~40° S	-50°	70°	52.7°	59.6°	48.1°	386
	NP	68°	160°	72.6°	79.6°	44.6°	75
S56/T65 (12 Jan. 2010)	~40° S	-50°	172°	69.5°	49°	43.2°	50
	~40° S	-52°	150°	65.7°	48.1°	43.3°	56
	TROP	-14°	90°	22.6°	58.9°	44.4°	62
	NP	68°	150°	74.5°	75.2°	43.8°	124
S57/T66 (28 Jan. 2010)	~40° S	-54°	89°	59.7°	62.1°	38.6°	16
	~40° S	-53°	61°	68.7°	78.9°	39.2°	17
	~40° S	-58°	148°	71.2°	56.1°	43.1°	75
	~40° S	-49°	169°	79.5°	53°	42.3°	63
	~40° S	-45°	165°	78.7°	49.7°	42.6°	69
	~40° S	-44°	81°	54.8°	52.5°	38.1°	9
	~40° S	-34°	89°	42.2°	53.2°	39.1°	12
	NP	69°	150°	75.6°	75.5°	44.3°	124
S59/T67 (5 April 2010)	NP	74°	10°	74.1°	78.3°	16.4°	94
T69	NP	75.9	132.5	71.4	56.8	34.6	3
	NP	86.2	21.9	85.5	83.3	30.5	7
	NP	75.2	-178.1	78.3	71.2	29.0	10
	NP	73.1	-147.6	85.4	75.9	28.2	10
	NP	62.5	166.3	66.1	57.2	29.3	11
	NP	58.9	-179.9	70.1	57.4	28.4	11
	NP	53.5	-162.0	63.3	50.3	28.8	11
	NP	61.4	-157.5	74.5	64.0	28.4	14
	NP	48.1	112.7	43.8	56.8	31.1	60
T70	~40° S	-53.8	70.6	72.4	82.0	32.7	29
	~40° N	38.0	164.2	50.4	46.4	31.6	18
	TROP	-5.6	-177.6	65.5	35.7	31.3	40
	NP	57.5	160.2	60.3	65.4	32.2	17
	NP	53.5	172.8	63.5	63.5	31.6	17
	NP	56.5	105.1	53.8	75.8	33.7	25
	NP	57.0	139.4	54.8	67.2	33.0	35
	NP	56.5	-164.1	67.3	68.8	32.4	36
T71	~40° S	-45.4	144.2	56.4	43.4	34.6	63
	~40° S	-41.2	135.6	49.9	41.6	34.8	66
	TROP	-8.4	-174.1	70.7	36.4	34.4	42
T72	~40° S	-56.0	-170.7	82.0	60.2	33.5	93
	~40° N	41.9	136.5	41.5	48.6	34.3	98

T73	SP	-63.0	97.3	81.3	55.4	112.0	103
	~40°S	-41.4	98.7	71.0	50.1	112.5	103
	TROP	-18.1	101.6	63.4	50.3	113.0	103
T76	TROP	-17.2	28.1	44.8	19.0	42.4	20
T77	~40°S	-52.0	-150.2	70.2	70.5	21.5	34
T79	~40°S	-52.9	-142.1	78.6	76.4	18.3	45
	NP	56.5	-145.4	56.4	75.8	20.3	31
T81	SP	-64.1	-149.7	78.5	59.4	116.6	21
	NP	53.2	161.0	41.3	72.4	31.9	52
T82	NP	53.7	166.6	71.0	70.8	127.9	20
	NP	59.3	37.9	57.3	61.4	62.9	47
T86	~40°S	-57.3	-161.9	82.5	43.6	46.5	103
T87	~40°S	-57.1	-179.9	75.9	34.3	51.8	53
T91	NP	80.8	-147.6	62.9	58.0	104.9	47
T93	NP	84.4	-163.2	65.1	35.0	90.6	29
	NP	84.4	-149.1	65.2	26.3	86.7	7
T94	NP	54.3	-102.8	61.8	29.9	85.4	62
T101	NP	77.5	88.5	70.0	40.1	109.8	93
	NP	76.6	-64.2	60.4	56.9	109.7	109
T102	NP	82.8	-126.8	71.7	41.8	105.9	50
T103	NP	81.5	13.2	58.9	46.2	101.5	27
	NP	81.1	71.3	66.0	34.7	99.6	45
T104	NP	83.4	118.4	70.2	31.6	99.0	11
	NP	81.9	14.2	59.2	44.9	99.3	10
T106	NP	85.8	139.9	69.6	52.6	119.5	18
	NP	82.5	-57.2	63.1	62.5	119.6	18
T110	SP	-72.6	4.4	98.6	74.6	37.3	41
	NP	55.4	8.5	32.0	65.9	39.8	33
T111	SP	-72.1	-109.7	98.4	78.8	68.3	22
	NP	54.4	23.4	70.9	59.5	111.8	55
T112	SP	-70.2	2.7	97.4	74.4	25.7	54
	NP	69.9	3.2	46.1	74.0	31.5	7
T113	SP	-72.6	-126.9	100.8	77.3	57.9	21
T114	SP	-74.6	-50.0	103.8	78.1	25.9	48
	NP	52.7	20.7	32.3	65.5	33.4	25
T115	SP	-73.0	-29.0	102.3	77.1	26.3	133
	NP	80.9	-20.4	55.5	83.6	29.0	30
T116	SP	-72.0	-30.0	102.0	73.8	29.9	54
	NP	52.7	-30.5	27.0	62.1	35.9	25
T117	SP	-62.6	-22.0	89.3	52.7	38.0	29
	SP	-74.4	-40.0	70.3	N/A	37.2	63
	NP	53.8	-29.4	34.7	69.6	40.1	46
T118	SP	-74.5	1.8	106.5	65.0	43.9	141
T119	SP	-67.0	-32.0	95.7	47.7	53.2	94
	NP	73.7	-91.6	56.1	67.4	123.1	40
	NP	69.1	-162.0	70.3	52.1	121.9	26
T120	SP	-60.9	-33.1	87.4	28.7	61.6	54
	~40°S	-58.2	-39.3	85.4	28.7	61.7	54
	NP	55.0	43.5	63.4	67.6	115.4	28

	NP	79.1	64.7	51.0	N/A	114.8	88
T121	SP	-68.1	-42.6	96.0	30.8	66.5	84
	NP	51.0	50.3	66.3	60.2	112.9	41
	NP	76.5	54.0	60.5	N/A	112.8	55
T122	NP	82.5	10.9	62.0	51.3	112.0	120
	NP	67.9	82.6	75.9	36.6	111.9	123
	NP	51.1	-132.0	70.0	69.5	111.9	124
T123	SP	-63.0	12.8	87.1	32.7	68.7	82
	NP	71.1	-90.9	56.3	69.0	114.7	13
	NP	72.5	-97.6	58.3	67.0	113.6	19
	NP	79.8	-106.0	62.0	59.8	113.4	19
T124	SP	-64.5	34.1	92.0	41.6	68.2	39
	NP	78.0	54.9	68.5	N/A	112.7	77.2
T125	SP	-66.1	10.0	94.9	50.7	67.4	62
	NP	55.0	-87.9	53.6	69.0	74.3	4
	NP	87.7	43.1	62.6	79.7	90.9	2
	NP	88.8	1.3	62.4	68.6	97.7	2
	NP	71.2	57.2	63.6	52.7	113.3	40
	NP	82.1	175.0	61.3	N/A	113.1	46.5
	NP	69.4	70.0	68.1	51.6	113.0	59
T126	SP	-67.5	5.0	96.9	55.5	71.5	93
	NP	82.4	61.0	75.3	N/A	111.7	59.4
	NP	55.2	29.4	63.4	52.4	111.9	31

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