

Latitudes and speeds of jets on Jupiter

Jet	From Voyager, 1979 (Limaye, 1986)			From Hubble S.T., 1995-1998 (G-M & S-L, 2001)		
	<u>Lat.</u> deg	<u>u3</u> m/s	<u>DL2</u> deg/mth	<u>Lat.</u> deg	<u>u3</u> m/s	<u>DL2</u> deg/mth
N7TBs				68.1	34.7	-191
N6TBs				63.5	21.6	-103
N5TBs	56.5	14.1	-59	55.3	24.1	-92
N4TBs	48.2	28.5	-94	46.5	18.9	-63
N3TBs	43.0	21.8	-68	42.3	26.4	-80
NNTBn	39.5	-14.8	31	39.0	-16.0	34
NNTBs	35.6	34.5	-94	34.7	39.7	-106
NTBn	31.6	-32.0	69	30.7	-14.7	27
NTBs	23.8	163*	-375	23.5	135.4	-312
NEBn	17.6	-24.3	45	16.6	-15.2	25
NEBs	+8 to +5	103*	-224	+8 to +5	105.0	-228
				0.0	76.7	-168
SEBn	-7.0	128*	-276	-7.2	153.6	-330
SEBs	-20.0	-56.6	117	-19.0	-51.3	104
STBn	-27 to -29	44.3	-110	-26.4	56.8	-138
STBs	-32.6	-20.8	42	-32.3	-11.6	20
SSTBn	-36.5	31.6	-88	-36.3	40.2	-109
S3TBn	-43.6	42.1	-125	-42.9	45.6	-134
S4TBn	-53.4	36.3	-129	-52.4	44.8	-155
S5TBn				-61.2	28.6	-125
S6TBn				≥66.6	25.0	-132

* For the NTBs and SEBn, faster speeds were shown by tracking individual cloud features:

182 m/s for the NTBs and 160 m/s for the SEBn (Maxworthy, 1984, 1985)

For the NEBs, the Galileo Probe found faster speeds below the cloud tops: ~170-180 m/s.