

**Table 1.** Tropospheric Horizontal Velocity Second-Order Structure Function Parameters

Parameter	0°–10°	10°–30°	30°–50°	50°–70°	All
$a_1$ ( $10^{-3} \text{ m}^{2/3} \text{ s}^{-2}$ )	2.8640	2.9351	3.4189	2.7844	3.0649
$b_1$ ( $10^{-9} \text{ s}^{-2}$ )	0.41560	1.0182	1.8761	2.6665	1.7378
$c_1$ ( $10^{-10} \text{ s}^{-2}$ )	0.25730	0.65314	1.2152	1.7343	1.1380
$a_2$ ( $10^{-3} \text{ m}^{2/3} \text{ s}^{-2}$ )	4.5274	3.5714	3.8210	2.6941	3.5409
$b_2$ ( $10^{-9} \text{ s}^{-2}$ )	0.88617	2.2731	4.7335	9.0062	4.8846
$c_2$ ( $10^{-10} \text{ s}^{-2}$ )	0.55478	1.4839	3.0962	5.9424	3.2340

**Table 2.** Stratospheric Horizontal Velocity Second-Order Structure Function Parameters

Parameter	30°–40°	40°–50°	50°–60°	60°–70°	All
$a_1$ ( $10^{-3} \text{ m}^{2/3} \text{ s}^{-2}$ )	5.5851	4.9782	4.0785	3.5831	4.2848
$b_1$ ( $10^{-9} \text{ s}^{-2}$ )	2.2107	1.6643	1.2111	0.72590	1.2280
$c_1$ ( $10^{-10} \text{ s}^{-2}$ )	1.4778	1.0958	0.79590	0.47126	0.80937
$a_2$ ( $10^{-3} \text{ m}^{2/3} \text{ s}^{-2}$ )	5.9120	4.7077	4.0341	3.4334	4.2019
$b_2$ ( $10^{-9} \text{ s}^{-2}$ )	9.3729	7.9451	5.9480	3.1672	5.8839
$c_2$ ( $10^{-10} \text{ s}^{-2}$ )	6.3013	5.3205	3.9960	2.0979	3.9496