

A Characterization of Short Timescale Vector Wind Change Distributions Using an Archive of Doppler Radar Wind Profiler Observations

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Background

In order to ensure that dynamic loads stay within design limits during ascent, launch vehicle operators often use wind biasing to develop steering commands based on day of launch measured winds. In a typical operations schedule, a wind balloon will be released approximately two hours from launch time and provide wind observations from near the surface to 18 km (~60,000 ft) after a one hour rise time. When vehicle steering commands are developed based on this observed profile, persistence knockdowns are applied to account for expected wind changes in the atmosphere between balloon observation time and the actual vehicle launch time. Even using these knockdowns, there exists some inherent risk in using pre-launch observed winds to characterize the actual flight environment. The knockdowns themselves are typically developed using (often size limited) samples of balloon pairs to bound the expected range of wind changes over some given time span. While these schemes have been used successfully for numerous vehicles and launches, interest exists in a more precise characterization of wind changes that can occur over various short time scales. An improved wind change characterization could give more confidence in the persistence knockdowns developed, possibly reducing risk while simultaneously increasing availability. The NASA 50 MHz Doppler Radar Wind Profiler (DRWP) has provided a large archive of wind profiles nominally sampled five minutes apart. This archive is well suited for developing a climatology of wind changes over short time intervals. The current work develops a seasonal climatology of vector wind changes for various time deltas and at various height domains within the DRWP observation regime.

Methodology

The existing database of quality controlled DRWP observations contains on the order of two million individual profiles over the 1998-2012 period of record (POR). Each profile has wind speed and direction at 112 individual altitudes. Barbré (2012) contains details of the procedure used to develop the archive. Profiles are initially grouped into four 'season' subsets: Winter (December, January, February, and March), Summer (June, July, August, and September), Transition (April, May, October, and November), and Annual (all months).

Next, pairs are selected with time separations of 5, 10, 15, 20, 25, 30, 45, 60, 75, 90, and 120 minutes. For any profile pair (A, B), the vector wind change (VC) is computed at each reporting altitude from the wind speeds (WS_A , WS_B) and wind directions (WD_A , WD_B) using the following equation:

$$VC = \sqrt{[WS_A \times \cos(WD_A) - WS_B \times \cos(WD_B)]^2 + [WS_A \times \sin(WD_A) - WS_B \times \sin(WD_B)]^2}$$

Next, VC values for a given pair are aggregated by reporting altitude into ten height domains: full profile (all altitudes), below 4 km, in the open intervals 4-6 km, 6-8 km, 8-10 km, 10-12 km, 12-14 km, 14-16 km, 16-18 km, and above 18 km. Finally, the maximum VC computed for each aggregate is saved as a distinct sample. All samples for each (season, height domain, time delta) bin are combined and distribution statistics are computed.

Results

Individual data files are retained containing all maximum vector wind change values for each (season, height domain, time delta) bin, to facilitate future computation for any desired distribution statistic. For the current report, the following data values are computed:

- VC values corresponding to cumulative distribution probabilities of 0.5, 0.9, 0.95, 0.99, and 0.99865.
- The maximum VC recorded.
- The mean and standard deviations of VC.
- Total number of samples in the bin.
- The numbers of samples with VC exceeding 10, 20, 30, and 40 m/s.

Appendix A contains resulting output data tables in four different series. The first series gives individual tables for each (season, height domain, time delta) bin. An example of these is shown in Table 1. A total of 440 (4 seasons x 10 height domains x 11 time deltas) tables are generated.

The second series gives tables with season as an independent variable. These show all four season values for each (height domain, time delta) combination. An example of these is shown in Table 2. A total of 110 (10 height domains x 11 time deltas) tables are generated.

The third series gives tables with height domain as an independent variable. These show all ten height domain values for each (season, time delta) combination. An example of these is shown in Table 3. A total of 44 (4 seasons x 11 time deltas) tables are generated.

The fourth series gives tables with time delta as an independent variable. These show all eleven time delta values for each (season, height domain) combination. An example of these is shown in Figure 4. A total of 40 (4 seasons x 10 height domains) tables are generated.

Conclusion

This report documents the current analysis of distribution statistics for maximum vector wind changes derived from an extensive archive of DRWP observations. Values are given for VCs corresponding to various cumulative distribution probabilities and central moments, as well as number counts of total case pairs and cases with VC exceeding given values. The data shown represent distribution characteristics and may be used for advanced situational awareness and long range mission and operations planning but should not be interpreted as forecast or expectation values under a given launch scenario.

References

- Barbré, R.E.: 2012. Quality Control Algorithms for the Kennedy Space Center 50-MHz Doppler Radar Wind Profiler Winds Database. *J. Atmos. Oceanic Technol.*, 29, 1731–1743.

Table 1. Example results for individual table series.

Season:	Annual
Time delta:	5 minutes
Height domain:	All heights
All VC values shown are in units of m/s	
All N values shown are integer counts	

Parameter	Value
VC(P=0.5)	3.51
VC(P=0.9)	6.14
VC(P=0.95)	7.31
VC(P=0.99)	10.04
VC(P=0.99865)	14.02
Max VC	29.63
Mean VC	3.93
STDV VC	1.77
N(Total)	377142
N(VC>10)	3855
N(VC>20)	91
N(VC>30)	0
N(VC>40)	0

Table 2. Example results for season as independent variable table series.

Time delta: 30 minutes
 Height domain: 12-14 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

Parameter	Season			
	Annual	Winter	Summer	Trans
VC(P=0.5)	4.23	4.57	3.90	4.21
VC(P=0.9)	6.80	7.19	6.33	6.75
VC(P=0.95)	7.84	8.22	7.37	7.76
VC(P=0.99)	10.29	10.66	9.91	10.20
VC(P=0.99865)	13.66	14.26	13.12	13.38
Max VC	26.19	24.06	25.40	26.19
Mean VC	4.55	4.87	4.23	4.52
STDV VC	1.76	1.81	1.67	1.74
N(Total)	610162	211733	192670	205759
N(VC>10)	7393	3213	1826	2354
N(VC>20)	46	34	4	8
N(VC>30)	0	0	0	0
N(VC>40)	0	0	0	0

Table 3. Example results for height domain as independent variable table series.

Season:	Winter
Time delta:	120 minutes
All VC values shown are in units of m/s	
All N values shown are integer counts	

Parameter	Height Domain (km)									
	All	< 4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	> 18
VC(P=0.5)	9.64	4.19	4.77	5.28	5.93	6.82	7.10	6.86	6.88	5.38
VC(P=0.9)	14.31	7.80	8.47	9.39	10.46	11.32	10.85	10.19	9.98	8.50
VC(P=0.95)	16.53	9.44	10.27	11.32	12.75	13.48	12.39	11.48	11.12	9.63
VC(P=0.99)	22.58	13.56	15.37	17.13	18.67	18.90	15.94	14.37	13.63	12.21
VC(P=0.99865)	31.50	19.80	24.09	27.19	26.75	25.12	20.89	18.29	16.78	15.37
Max VC	48.63	37.24	40.08	48.63	39.45	40.37	36.08	30.84	25.82	26.32
Mean VC	10.35	4.74	5.39	5.97	6.66	7.48	7.55	7.21	7.17	5.69
STDV VC	3.35	2.5	2.69	3.02	3.23	3.17	2.61	2.30	2.15	2.15
N(Total)	187837	187837	187837	187837	187837	187837	187837	187837	187837	187837
N(VC>10)	83439	7477	10425	14978	21939	30031	27785	20753	18555	7440
N(VC>20)	3573	229	549	966	1363	1358	368	89	36	27
N(VC>30)	350	18	70	156	114	60	16	2	0	0
N(VC>40)	32	0	1	30	0	1	0	0	0	0

Table 4. Example results for time delta as independent variable table series.

Season: Trans
 Height domain: 8-10 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

Parameter	Time Delta (minutes)										
	5	10	15	20	25	30	45	60	75	90	120
VC(P=0.5)	1.53	2.12	2.59	2.80	3.02	3.27	3.77	4.18	4.55	4.89	5.51
VC(P=0.9)	2.92	3.81	4.47	4.94	5.30	5.64	6.48	7.13	7.72	8.31	9.38
VC(P=0.95)	3.58	4.61	5.32	5.92	6.30	6.67	7.65	8.38	9.10	9.75	11.02
VC(P=0.99)	5.40	6.71	7.44	8.30	8.78	9.22	10.53	11.57	12.55	13.52	15.20
VC(P=0.99865)	8.22	9.73	10.34	11.31	12.06	12.72	14.58	16.30	18.27	19.85	21.71
Max VC	19.70	19.71	30.97	19.05	21.40	32.12	31.33	30.27	35.14	39.31	45.99
Mean VC	1.77	2.39	2.87	3.12	3.36	3.61	4.16	4.60	5.00	5.37	6.07
STDV VC	0.99	1.19	1.31	1.47	1.55	1.63	1.86	2.03	2.22	2.39	2.68
N(Total)	124975	140377	259932	111382	127238	205759	195545	223358	201769	169983	177278
N(VC>10)	48	165	436	376	604	1293	2578	4735	6368	7530	13598
N(VC>20)	0	0	6	0	1	15	36	90	164	219	410
N(VC>30)	0	0	1	0	0	1	1	1	16	27	39
N(VC>40)	0	0	0	0	0	0	0	0	0	0	9

Appendix A: Tables showing maximum vector wind change statistics derived from KSC 50 MHz profile pairs.

Created: Fri Mar 04 15:36:41 2016

Period of record: April 1998 - September 2012

All time delta values are given in minutes

All height domain values are given in km

All vector wind change values are given in m/s

Data are shown in four series:

Series 1 gives individual tables for each season, time delta, height domain combination

Series 2 gives tables with season as independent variable, for each time delta, height domain combination

Series 3 gives tables with height domain as independent variable, for each season, time delta combination

Series 4 gives tables with time delta as independent variable, for each season, height domain combination

Each table, regardless of series, give the following values for each subset shown:

VC(P=0.5)	The vector wind change, in m/s, at the 0.5 cumulative probability level
VC(P=0.9)	The vector wind change, in m/s, at the 0.9 cumulative probability level
VC(P=0.95)	The vector wind change, in m/s, at the 0.95 cumulative probability level
VC(P=0.99)	The vector wind change, in m/s, at the 0.99 cumulative probability level
VC(P=0.99865)	The vector wind change, in m/s, at the 0.99865 cumulative probability level
Max VC	The sample maximum vector wind change, in m/s
Mean VC	The sample mean vector wind change, in m/s
STDV VC	The sample standard deviation of vector wind change, in m/s
N(Total)	The total number of samples in the subset
N(VC>10)	The number of samples in the subset with vector wind change greater than 10 m/s
N(VC>20)	The number of samples in the subset with vector wind change greater than 20 m/s
N(VC>30)	The number of samples in the subset with vector wind change greater than 30 m/s
N(VC>40)	The number of samples in the subset with vector wind change greater than 40 m/s

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SERIES 1: INDIVIDUAL TABLES
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Season: Annual
Time delta: 5 minutes
Height domain: All heights
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.51
VC(P=0.9):	6.14
VC(P=0.95):	7.31
VC(P=0.99):	10.04
VC(P=0.99865):	14.02
Max VC :	29.63
Mean VC :	3.93
STDV VC :	1.77
N(Total):	377142
N(VC>10):	3855
N(VC>20):	91
N(VC>30):	0
N(VC>40):	0

Season: Annual
Time delta: 5 minutes
Height domain: < 4 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	1.61
VC(P=0.9):	3.38
VC(P=0.95):	4.52
VC(P=0.99):	7.57
VC(P=0.99865):	12.09
Max VC :	29.63
Mean VC :	1.94
STDV VC :	1.41
N(Total):	377142
N(VC>10):	1166
N(VC>20):	61
N(VC>30):	0
N(VC>40):	0

Season: Annual
Time delta: 5 minutes
Height domain: 4-6 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	1.42
VC(P=0.9):	2.80
VC(P=0.95):	3.42
VC(P=0.99):	5.19
VC(P=0.99865):	7.84
Max VC :	21.83
Mean VC :	1.65
STDV VC :	0.96
N(Total):	377142
N(VC>10):	75
N(VC>20):	1
N(VC>30):	0
N(VC>40):	0

Season: Annual
Time delta: 5 minutes
Height domain: 6-8 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	1.47
VC(P=0.9):	2.83
VC(P=0.95):	3.47
VC(P=0.99):	5.25
VC(P=0.99865):	7.95
Max VC :	20.02
Mean VC :	1.70
STDV VC :	0.96
N(Total):	377142
N(VC>10):	96
N(VC>20):	1
N(VC>30):	0
N(VC>40):	0

Season: Annual
Time delta: 5 minutes
Height domain: 8-10 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	1.62
VC(P=0.9):	3.05
VC(P=0.95):	3.73
VC(P=0.99):	5.66
VC(P=0.99865):	8.56
Max VC :	26.83
Mean VC :	1.86
STDV VC :	1.03
N(Total):	377142
N(VC>10):	190
N(VC>20):	1
N(VC>30):	0
N(VC>40):	0

Season: Annual
Time delta: 5 minutes
Height domain: 10-12 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	1.84
VC(P=0.9):	3.48
VC(P=0.95):	4.28
VC(P=0.99):	6.49
VC(P=0.99865):	9.84
Max VC :	26.11
Mean VC :	2.12
STDV VC :	1.18
N(Total):	377142
N(VC>10):	465
N(VC>20):	4
N(VC>30):	0
N(VC>40):	0

Season: Annual
Time delta: 5 minutes
Height domain: 12-14 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	2.03
VC(P=0.9):	3.82
VC(P=0.95):	4.67
VC(P=0.99):	7.01
VC(P=0.99865):	10.41
Max VC :	25.06
Mean VC :	2.33
STDV VC :	1.27
N(Total):	377142
N(VC>10):	628
N(VC>20):	10
N(VC>30):	0
N(VC>40):	0

Season: Annual
Time delta: 5 minutes
Height domain: 14-16 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	2.08
VC(P=0.9):	3.82
VC(P=0.95):	4.63
VC(P=0.99):	6.73
VC(P=0.99865):	9.95
Max VC :	26.82
Mean VC :	2.36
STDV VC :	1.22
N(Total):	377142
N(VC>10):	492
N(VC>20):	6
N(VC>30):	0
N(VC>40):	0

Season: Annual
Time delta: 5 minutes
Height domain: 16-18 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	2.14
VC(P=0.9):	4.01
VC(P=0.95):	4.82
VC(P=0.99):	6.93
VC(P=0.99865):	10.00
Max VC :	26.31
Mean VC :	2.44
STDV VC :	1.27
N(Total):	377142
N(VC>10):	509
N(VC>20):	3
N(VC>30):	0
N(VC>40):	0

Season: Annual
Time delta: 5 minutes
Height domain: > 18 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	1.52
VC(P=0.9):	3.42
VC(P=0.95):	4.28
VC(P=0.99):	6.47
VC(P=0.99865):	9.45
Max VC :	24.76
Mean VC :	1.84
STDV VC :	1.27
N(Total):	377142
N(VC>10):	351
N(VC>20):	4
N(VC>30):	0
N(VC>40):	0

Season: Annual
Time delta: 10 minutes
Height domain: All heights
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	4.58
VC(P=0.9):	7.44
VC(P=0.95):	8.60
VC(P=0.99):	11.38
VC(P=0.99865):	15.30
Max VC :	29.37
Mean VC :	4.99
STDV VC :	1.91
N(Total):	422682
N(VC>10):	9206
N(VC>20):	114
N(VC>30):	0
N(VC>40):	0

Season: Annual
Time delta: 10 minutes
Height domain: < 4 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	2.10
VC(P=0.9):	4.37
VC(P=0.95):	5.60
VC(P=0.99):	8.64
VC(P=0.99865):	13.17
Max VC :	29.37
Mean VC :	2.51
STDV VC :	1.62
N(Total):	422682
N(VC>10):	2173
N(VC>20):	68
N(VC>30):	0
N(VC>40):	0

Season: Annual
Time delta: 10 minutes
Height domain: 4-6 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	1.91
VC(P=0.9):	3.57
VC(P=0.95):	4.39
VC(P=0.99):	6.61
VC(P=0.99865):	9.53
Max VC :	19.06
Mean VC :	2.19
STDV VC :	1.18
N(Total):	422682
N(VC>10):	420
N(VC>20):	0
N(VC>30):	0
N(VC>40):	0

Season: Annual
Time delta: 10 minutes
Height domain: 6-8 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	2.00
VC(P=0.9):	3.67
VC(P=0.95):	4.49
VC(P=0.99):	6.74
VC(P=0.99865):	9.65
Max VC :	26.10
Mean VC :	2.28
STDV VC :	1.19
N(Total):	422682
N(VC>10):	457
N(VC>20):	1
N(VC>30):	0
N(VC>40):	0

Season: Annual
Time delta: 10 minutes
Height domain: 8-10 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	2.22
VC(P=0.9):	3.98
VC(P=0.95):	4.82
VC(P=0.99):	7.09
VC(P=0.99865):	10.09
Max VC :	26.64
Mean VC :	2.50
STDV VC :	1.25
N(Total):	422682
N(VC>10):	605
N(VC>20):	3
N(VC>30):	0
N(VC>40):	0

Season: Annual
Time delta: 10 minutes
Height domain: 10-12 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	2.55
VC(P=0.9):	4.52
VC(P=0.95):	5.43
VC(P=0.99):	7.80
VC(P=0.99865):	11.15
Max VC :	26.35
Mean VC :	2.85
STDV VC :	1.38
N(Total):	422682
N(VC>10):	1065
N(VC>20):	7
N(VC>30):	0
N(VC>40):	0

Season: Annual
Time delta: 10 minutes
Height domain: 12-14 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	2.82
VC(P=0.9):	4.93
VC(P=0.95):	5.89
VC(P=0.99):	8.32
VC(P=0.99865):	11.70
Max VC :	26.52
Mean VC :	3.15
STDV VC :	1.46
N(Total):	422682
N(VC>10):	1523
N(VC>20):	17
N(VC>30):	0
N(VC>40):	0

Season: Annual
Time delta: 10 minutes
Height domain: 14-16 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	2.90
VC(P=0.9):	4.93
VC(P=0.95):	5.82
VC(P=0.99):	8.12
VC(P=0.99865):	11.30
Max VC :	25.30
Mean VC :	3.20
STDV VC :	1.41
N(Total):	422682
N(VC>10):	1277
N(VC>20):	6
N(VC>30):	0
N(VC>40):	0

Season: Annual
Time delta: 10 minutes
Height domain: 16-18 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.02
VC(P=0.9):	5.13
VC(P=0.95):	6.03
VC(P=0.99):	8.23
VC(P=0.99865):	11.17
Max VC :	26.55
Mean VC :	3.31
STDV VC :	1.45
N(Total):	422682
N(VC>10):	1246
N(VC>20):	7
N(VC>30):	0
N(VC>40):	0

Season: Annual
Time delta: 10 minutes
Height domain: > 18 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	2.29
VC(P=0.9):	4.49
VC(P=0.95):	5.46
VC(P=0.99):	7.78
VC(P=0.99865):	10.76
Max VC :	24.74
Mean VC :	2.61
STDV VC :	1.49
N(Total):	422682
N(VC>10):	960
N(VC>20):	5
N(VC>30):	0
N(VC>40):	0

Season: Annual
Time delta: 15 minutes
Height domain: All heights
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	5.30
VC(P=0.9):	8.11
VC(P=0.95):	9.22
VC(P=0.99):	11.84
VC(P=0.99865):	15.63
Max VC :	30.97
Mean VC :	5.67
STDV VC :	1.90
N(Total):	773303
N(VC>10):	23761
N(VC>20):	178
N(VC>30):	1
N(VC>40):	0

Season: Annual
Time delta: 15 minutes
Height domain: < 4 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	2.33
VC(P=0.9):	4.68
VC(P=0.95):	5.84
VC(P=0.99):	8.72
VC(P=0.99865):	13.10
Max VC :	29.93
Mean VC :	2.73
STDV VC :	1.64
N(Total):	773303
N(VC>10):	4081
N(VC>20):	97
N(VC>30):	0
N(VC>40):	0

Season: Annual
Time delta: 15 minutes
Height domain: 4-6 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	2.26
VC(P=0.9):	4.12
VC(P=0.95):	5.01
VC(P=0.99):	7.37
VC(P=0.99865):	10.53
Max VC :	21.63
Mean VC :	2.56
STDV VC :	1.30
N(Total):	773303
N(VC>10):	1434
N(VC>20):	1
N(VC>30):	0
N(VC>40):	0

Season: Annual
Time delta: 15 minutes
Height domain: 6-8 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	2.39
VC(P=0.9):	4.25
VC(P=0.95):	5.15
VC(P=0.99):	7.47
VC(P=0.99865):	10.54
Max VC :	27.40
Mean VC :	2.69
STDV VC :	1.31
N(Total):	773303
N(VC>10):	1517
N(VC>20):	11
N(VC>30):	0
N(VC>40):	0

Season: Annual
Time delta: 15 minutes
Height domain: 8-10 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	2.66
VC(P=0.9):	4.61
VC(P=0.95):	5.49
VC(P=0.99):	7.74
VC(P=0.99865):	10.86
Max VC :	30.97
Mean VC :	2.95
STDV VC :	1.36
N(Total):	773303
N(VC>10):	1795
N(VC>20):	11
N(VC>30):	1
N(VC>40):	0

Season: Annual
Time delta: 15 minutes
Height domain: 10-12 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.10
VC(P=0.9):	5.25
VC(P=0.95):	6.16
VC(P=0.99):	8.40
VC(P=0.99865):	11.47
Max VC :	26.46
Mean VC :	3.39
STDV VC :	1.47
N(Total):	773303
N(VC>10):	2580
N(VC>20):	18
N(VC>30):	0
N(VC>40):	0

Season: Annual
Time delta: 15 minutes
Height domain: 12-14 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.47
VC(P=0.9):	5.78
VC(P=0.95):	6.75
VC(P=0.99):	9.06
VC(P=0.99865):	12.18
Max VC :	25.18
Mean VC :	3.79
STDV VC :	1.57
N(Total):	773303
N(VC>10):	4150
N(VC>20):	21
N(VC>30):	0
N(VC>40):	0

Season: Annual
Time delta: 15 minutes
Height domain: 14-16 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.56
VC(P=0.9):	5.79
VC(P=0.95):	6.71
VC(P=0.99):	8.91
VC(P=0.99865):	11.76
Max VC :	26.08
Mean VC :	3.86
STDV VC :	1.51
N(Total):	773303
N(VC>10):	3536
N(VC>20):	9
N(VC>30):	0
N(VC>40):	0

Season: Annual
Time delta: 15 minutes
Height domain: 16-18 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.73
VC(P=0.9):	6.00
VC(P=0.95):	6.92
VC(P=0.99):	9.07
VC(P=0.99865):	11.78
Max VC :	26.55
Mean VC :	4.02
STDV VC :	1.54
N(Total):	773303
N(VC>10):	3987
N(VC>20):	8
N(VC>30):	0
N(VC>40):	0

Season: Annual
Time delta: 15 minutes
Height domain: > 18 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	2.94
VC(P=0.9):	5.31
VC(P=0.95):	6.31
VC(P=0.99):	8.67
VC(P=0.99865):	11.64
Max VC :	24.80
Mean VC :	3.26
STDV VC :	1.61
N(Total):	773303
N(VC>10):	3089
N(VC>20):	6
N(VC>30):	0
N(VC>40):	0

Season: Annual
Time delta: 20 minutes
Height domain: All heights
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	5.56
VC(P=0.9):	8.64
VC(P=0.95):	9.88
VC(P=0.99):	12.84
VC(P=0.99865):	17.10
Max VC :	32.37
Mean VC :	5.98
STDV VC :	2.07
N(Total):	335347
N(VC>10):	15644
N(VC>20):	147
N(VC>30):	1
N(VC>40):	0

Season: Annual
Time delta: 20 minutes
Height domain: < 4 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	2.60
VC(P=0.9):	5.27
VC(P=0.95):	6.55
VC(P=0.99):	9.71
VC(P=0.99865):	14.50
Max VC :	28.85
Mean VC :	3.06
STDV VC :	1.82
N(Total):	335347
N(VC>10):	2951
N(VC>20):	80
N(VC>30):	0
N(VC>40):	0

Season: Annual
Time delta: 20 minutes
Height domain: 4-6 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	2.47
VC(P=0.9):	4.55
VC(P=0.95):	5.61
VC(P=0.99):	8.31
VC(P=0.99865):	11.65
Max VC :	21.40
Mean VC :	2.82
STDV VC :	1.47
N(Total):	335347
N(VC>10):	1253
N(VC>20):	3
N(VC>30):	0
N(VC>40):	0

Season: Annual
Time delta: 20 minutes
Height domain: 6-8 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	2.61
VC(P=0.9):	4.78
VC(P=0.95):	5.86
VC(P=0.99):	8.44
VC(P=0.99865):	11.83
Max VC :	32.37
Mean VC :	2.96
STDV VC :	1.50
N(Total):	335347
N(VC>10):	1320
N(VC>20):	5
N(VC>30):	1
N(VC>40):	0

Season: Annual
Time delta: 20 minutes
Height domain: 8-10 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	2.90
VC(P=0.9):	5.16
VC(P=0.95):	6.20
VC(P=0.99):	8.80
VC(P=0.99865):	12.23
Max VC :	26.28
Mean VC :	3.25
STDV VC :	1.55
N(Total):	335347
N(VC>10):	1639
N(VC>20):	4
N(VC>30):	0
N(VC>40):	0

Season: Annual
Time delta: 20 minutes
Height domain: 10-12 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.28
VC(P=0.9):	5.64
VC(P=0.95):	6.70
VC(P=0.99):	9.26
VC(P=0.99865):	12.77
Max VC :	26.57
Mean VC :	3.62
STDV VC :	1.62
N(Total):	335347
N(VC>10):	2172
N(VC>20):	12
N(VC>30):	0
N(VC>40):	0

Season: Annual
Time delta: 20 minutes
Height domain: 12-14 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.57
VC(P=0.9):	5.95
VC(P=0.95):	6.98
VC(P=0.99):	9.57
VC(P=0.99865):	13.24
Max VC :	26.38
Mean VC :	3.91
STDV VC :	1.65
N(Total):	335347
N(VC>10):	2611
N(VC>20):	24
N(VC>30):	0
N(VC>40):	0

Season: Annual
Time delta: 20 minutes
Height domain: 14-16 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.63
VC(P=0.9):	5.88
VC(P=0.95):	6.84
VC(P=0.99):	9.24
VC(P=0.99865):	12.58
Max VC :	27.72
Mean VC :	3.94
STDV VC :	1.55
N(Total):	335347
N(VC>10):	2055
N(VC>20):	7
N(VC>30):	0
N(VC>40):	0

Season: Annual
Time delta: 20 minutes
Height domain: 16-18 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.76
VC(P=0.9):	6.03
VC(P=0.95):	6.98
VC(P=0.99):	9.29
VC(P=0.99865):	12.30
Max VC :	26.55
Mean VC :	4.05
STDV VC :	1.57
N(Total):	335347
N(VC>10):	2101
N(VC>20):	8
N(VC>30):	0
N(VC>40):	0

Season: Annual
Time delta: 20 minutes
Height domain: > 18 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	2.94
VC(P=0.9):	5.33
VC(P=0.95):	6.33
VC(P=0.99):	8.77
VC(P=0.99865):	11.80
Max VC :	25.02
Mean VC :	3.26
STDV VC :	1.64
N(Total):	335347
N(VC>10):	1523
N(VC>20):	5
N(VC>30):	0
N(VC>40):	0

Season: Annual
Time delta: 25 minutes
Height domain: All heights
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	5.93
VC(P=0.9):	8.99
VC(P=0.95):	10.23
VC(P=0.99):	13.19
VC(P=0.99865):	17.33
Max VC :	28.89
Mean VC :	6.33
STDV VC :	2.08
N(Total):	383147
N(VC>10):	21762
N(VC>20):	166
N(VC>30):	0
N(VC>40):	0

Season: Annual
Time delta: 25 minutes
Height domain: < 4 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	2.70
VC(P=0.9):	5.39
VC(P=0.95):	6.67
VC(P=0.99):	9.81
VC(P=0.99865):	14.45
Max VC :	28.89
Mean VC :	3.16
STDV VC :	1.83
N(Total):	383147
N(VC>10):	3509
N(VC>20):	82
N(VC>30):	0
N(VC>40):	0

Season: Annual
Time delta: 25 minutes
Height domain: 4-6 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	2.63
VC(P=0.9):	4.83
VC(P=0.95):	5.93
VC(P=0.99):	8.74
VC(P=0.99865):	12.25
Max VC :	22.66
Mean VC :	2.99
STDV VC :	1.54
N(Total):	383147
N(VC>10):	1843
N(VC>20):	6
N(VC>30):	0
N(VC>40):	0

Season: Annual
Time delta: 25 minutes
Height domain: 6-8 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	2.79
VC(P=0.9):	5.10
VC(P=0.95):	6.22
VC(P=0.99):	8.91
VC(P=0.99865):	12.43
Max VC :	26.43
Mean VC :	3.16
STDV VC :	1.58
N(Total):	383147
N(VC>10):	2074
N(VC>20):	12
N(VC>30):	0
N(VC>40):	0

Season: Annual
Time delta: 25 minutes
Height domain: 8-10 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.11
VC(P=0.9):	5.50
VC(P=0.95):	6.58
VC(P=0.99):	9.25
VC(P=0.99865):	12.88
Max VC :	26.19
Mean VC :	3.48
STDV VC :	1.63
N(Total):	383147
N(VC>10):	2530
N(VC>20):	6
N(VC>30):	0
N(VC>40):	0

Season: Annual
Time delta: 25 minutes
Height domain: 10-12 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.55
VC(P=0.9):	6.05
VC(P=0.95):	7.11
VC(P=0.99):	9.71
VC(P=0.99865):	13.27
Max VC :	25.93
Mean VC :	3.90
STDV VC :	1.70
N(Total):	383147
N(VC>10):	3194
N(VC>20):	16
N(VC>30):	0
N(VC>40):	0

Season: Annual
Time delta: 25 minutes
Height domain: 12-14 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.88
VC(P=0.9):	6.36
VC(P=0.95):	7.39
VC(P=0.99):	9.96
VC(P=0.99865):	13.55
Max VC :	26.07
Mean VC :	4.21
STDV VC :	1.71
N(Total):	383147
N(VC>10):	3716
N(VC>20):	21
N(VC>30):	0
N(VC>40):	0

Season: Annual
Time delta: 25 minutes
Height domain: 14-16 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.94
VC(P=0.9):	6.30
VC(P=0.95):	7.27
VC(P=0.99):	9.63
VC(P=0.99865):	12.84
Max VC :	27.57
Mean VC :	4.25
STDV VC :	1.61
N(Total):	383147
N(VC>10):	2998
N(VC>20):	6
N(VC>30):	0
N(VC>40):	0

Season: Annual
Time delta: 25 minutes
Height domain: 16-18 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	4.09
VC(P=0.9):	6.45
VC(P=0.95):	7.40
VC(P=0.99):	9.69
VC(P=0.99865):	12.66
Max VC :	26.96
Mean VC :	4.38
STDV VC :	1.63
N(Total):	383147
N(VC>10):	3152
N(VC>20):	10
N(VC>30):	0
N(VC>40):	0

Season: Annual
Time delta: 25 minutes
Height domain: > 18 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.23
VC(P=0.9):	5.71
VC(P=0.95):	6.74
VC(P=0.99):	9.19
VC(P=0.99865):	12.28
Max VC :	25.02
Mean VC :	3.55
STDV VC :	1.71
N(Total):	383147
N(VC>10):	2237
N(VC>20):	8
N(VC>30):	0
N(VC>40):	0

Season: Annual
Time delta: 30 minutes
Height domain: All heights
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	6.27
VC(P=0.9):	9.28
VC(P=0.95):	10.50
VC(P=0.99):	13.47
VC(P=0.99865):	17.59
Max VC :	34.79
Mean VC :	6.66
STDV VC :	2.07
N(Total):	610162
N(VC>10):	40531
N(VC>20):	292
N(VC>30):	6
N(VC>40):	0

Season: Annual
Time delta: 30 minutes
Height domain: < 4 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	2.73
VC(P=0.9):	5.39
VC(P=0.95):	6.61
VC(P=0.99):	9.70
VC(P=0.99865):	14.35
Max VC :	34.79
Mean VC :	3.18
STDV VC :	1.81
N(Total):	610162
N(VC>10):	5297
N(VC>20):	119
N(VC>30):	5
N(VC>40):	0

Season: Annual
Time delta: 30 minutes
Height domain: 4-6 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	2.78
VC(P=0.9):	5.05
VC(P=0.95):	6.16
VC(P=0.99):	8.98
VC(P=0.99865):	12.86
Max VC :	22.89
Mean VC :	3.15
STDV VC :	1.59
N(Total):	610162
N(VC>10):	3580
N(VC>20):	18
N(VC>30):	0
N(VC>40):	0

Season: Annual
Time delta: 30 minutes
Height domain: 6-8 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	2.97
VC(P=0.9):	5.35
VC(P=0.95):	6.49
VC(P=0.99):	9.26
VC(P=0.99865):	13.24
Max VC :	28.64
Mean VC :	3.36
STDV VC :	1.64
N(Total):	610162
N(VC>10):	4150
N(VC>20):	28
N(VC>30):	0
N(VC>40):	0

Season: Annual
Time delta: 30 minutes
Height domain: 8-10 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.32
VC(P=0.9):	5.79
VC(P=0.95):	6.89
VC(P=0.99):	9.62
VC(P=0.99865):	13.39
Max VC :	32.12
Mean VC :	3.70
STDV VC :	1.69
N(Total):	610162
N(VC>10):	4949
N(VC>20):	27
N(VC>30):	1
N(VC>40):	0

Season: Annual
Time delta: 30 minutes
Height domain: 10-12 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.83
VC(P=0.9):	6.41
VC(P=0.95):	7.48
VC(P=0.99):	10.03
VC(P=0.99865):	13.63
Max VC :	28.68
Mean VC :	4.18
STDV VC :	1.76
N(Total):	610162
N(VC>10):	6203
N(VC>20):	28
N(VC>30):	0
N(VC>40):	0

Season: Annual
Time delta: 30 minutes
Height domain: 12-14 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	4.23
VC(P=0.9):	6.80
VC(P=0.95):	7.84
VC(P=0.99):	10.29
VC(P=0.99865):	13.66
Max VC :	26.19
Mean VC :	4.55
STDV VC :	1.76
N(Total):	610162
N(VC>10):	7393
N(VC>20):	46
N(VC>30):	0
N(VC>40):	0

Season: Annual
Time delta: 30 minutes
Height domain: 14-16 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	4.29
VC(P=0.9):	6.72
VC(P=0.95):	7.69
VC(P=0.99):	9.96
VC(P=0.99865):	12.97
Max VC :	28.25
Mean VC :	4.59
STDV VC :	1.66
N(Total):	610162
N(VC>10):	5947
N(VC>20):	9
N(VC>30):	0
N(VC>40):	0

Season: Annual
Time delta: 30 minutes
Height domain: 16-18 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	4.47
VC(P=0.9):	6.89
VC(P=0.95):	7.85
VC(P=0.99):	10.09
VC(P=0.99865):	12.92
Max VC :	28.46
Mean VC :	4.75
STDV VC :	1.67
N(Total):	610162
N(VC>10):	6521
N(VC>20):	11
N(VC>30):	0
N(VC>40):	0

Season: Annual
Time delta: 30 minutes
Height domain: > 18 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.56
VC(P=0.9):	6.13
VC(P=0.95):	7.16
VC(P=0.99):	9.60
VC(P=0.99865):	12.76
Max VC :	24.95
Mean VC :	3.88
STDV VC :	1.76
N(Total):	610162
N(VC>10):	4665
N(VC>20):	19
N(VC>30):	0
N(VC>40):	0

Season: Annual
Time delta: 45 minutes
Height domain: All heights
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	6.93
VC(P=0.9):	10.10
VC(P=0.95):	11.40
VC(P=0.99):	14.62
VC(P=0.99865):	19.29
Max VC :	32.22
Mean VC :	7.33
STDV VC :	2.20
N(Total):	574500
N(VC>10):	60460
N(VC>20):	588
N(VC>30):	4
N(VC>40):	0

Season: Annual
Time delta: 45 minutes
Height domain: < 4 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	2.99
VC(P=0.9):	5.74
VC(P=0.95):	7.00
VC(P=0.99):	10.17
VC(P=0.99865):	15.05
Max VC :	32.22
Mean VC :	3.44
STDV VC :	1.89
N(Total):	574500
N(VC>10):	6251
N(VC>20):	160
N(VC>30):	3
N(VC>40):	0

Season: Annual
Time delta: 45 minutes
Height domain: 4-6 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.15
VC(P=0.9):	5.65
VC(P=0.95):	6.84
VC(P=0.99):	10.00
VC(P=0.99865):	14.31
Max VC :	25.94
Mean VC :	3.56
STDV VC :	1.75
N(Total):	574500
N(VC>10):	5738
N(VC>20):	67
N(VC>30):	0
N(VC>40):	0

Season: Annual
Time delta: 45 minutes
Height domain: 6-8 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.39
VC(P=0.9):	6.06
VC(P=0.95):	7.31
VC(P=0.99):	10.48
VC(P=0.99865):	15.04
Max VC :	28.38
Mean VC :	3.82
STDV VC :	1.84
N(Total):	574500
N(VC>10):	7245
N(VC>20):	107
N(VC>30):	0
N(VC>40):	0

Season: Annual
Time delta: 45 minutes
Height domain: 8-10 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.80
VC(P=0.9):	6.61
VC(P=0.95):	7.84
VC(P=0.99):	10.95
VC(P=0.99865):	15.35
Max VC :	31.33
Mean VC :	4.22
STDV VC :	1.92
N(Total):	574500
N(VC>10):	9191
N(VC>20):	104
N(VC>30):	1
N(VC>40):	0

Season: Annual
Time delta: 45 minutes
Height domain: 10-12 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	4.37
VC(P=0.9):	7.24
VC(P=0.95):	8.44
VC(P=0.99):	11.36
VC(P=0.99865):	15.25
Max VC :	26.20
Mean VC :	4.75
STDV VC :	1.97
N(Total):	574500
N(VC>10):	12001
N(VC>20):	67
N(VC>30):	0
N(VC>40):	0

Season: Annual
Time delta: 45 minutes
Height domain: 12-14 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	4.78
VC(P=0.9):	7.54
VC(P=0.95):	8.62
VC(P=0.99):	11.21
VC(P=0.99865):	14.85
Max VC :	27.87
Mean VC :	5.11
STDV VC :	1.90
N(Total):	574500
N(VC>10):	11983
N(VC>20):	67
N(VC>30):	0
N(VC>40):	0

Season: Annual
Time delta: 45 minutes
Height domain: 14-16 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	4.81
VC(P=0.9):	7.38
VC(P=0.95):	8.38
VC(P=0.99):	10.72
VC(P=0.99865):	13.76
Max VC :	26.85
Mean VC :	5.10
STDV VC :	1.76
N(Total):	574500
N(VC>10):	9336
N(VC>20):	14
N(VC>30):	0
N(VC>40):	0

Season: Annual
Time delta: 45 minutes
Height domain: 16-18 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	4.99
VC(P=0.9):	7.54
VC(P=0.95):	8.51
VC(P=0.99):	10.75
VC(P=0.99865):	13.55
Max VC :	29.18
Mean VC :	5.26
STDV VC :	1.75
N(Total):	574500
N(VC>10):	9868
N(VC>20):	11
N(VC>30):	0
N(VC>40):	0

Season: Annual
Time delta: 45 minutes
Height domain: > 18 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.99
VC(P=0.9):	6.70
VC(P=0.95):	7.76
VC(P=0.99):	10.23
VC(P=0.99865):	13.48
Max VC :	29.63
Mean VC :	4.30
STDV VC :	1.87
N(Total):	574500
N(VC>10):	6695
N(VC>20):	31
N(VC>30):	0
N(VC>40):	0

Season: Annual
Time delta: 60 minutes
Height domain: All heights
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	7.48
VC(P=0.9):	10.75
VC(P=0.95):	12.13
VC(P=0.99):	15.59
VC(P=0.99865):	20.81
Max VC :	32.05
Mean VC :	7.89
STDV VC :	2.30
N(Total):	652551
N(VC>10):	95769
N(VC>20):	1154
N(VC>30):	14
N(VC>40):	0

Season: Annual
Time delta: 60 minutes
Height domain: < 4 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.16
VC(P=0.9):	5.93
VC(P=0.95):	7.18
VC(P=0.99):	10.39
VC(P=0.99865):	15.28
Max VC :	32.05
Mean VC :	3.60
STDV VC :	1.91
N(Total):	652551
N(VC>10):	7770
N(VC>20):	187
N(VC>30):	3
N(VC>40):	0

Season: Annual
Time delta: 60 minutes
Height domain: 4-6 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.43
VC(P=0.9):	6.10
VC(P=0.95):	7.33
VC(P=0.99):	10.69
VC(P=0.99865):	15.41
Max VC :	29.11
Mean VC :	3.86
STDV VC :	1.87
N(Total):	652551
N(VC>10):	8824
N(VC>20):	169
N(VC>30):	0
N(VC>40):	0

Season: Annual
Time delta: 60 minutes
Height domain: 6-8 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.72
VC(P=0.9):	6.58
VC(P=0.95):	7.91
VC(P=0.99):	11.38
VC(P=0.99865):	16.43
Max VC :	30.36
Mean VC :	4.18
STDV VC :	1.99
N(Total):	652551
N(VC>10):	12032
N(VC>20):	287
N(VC>30):	5
N(VC>40):	0

Season: Annual
Time delta: 60 minutes
Height domain: 8-10 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	4.19
VC(P=0.9):	7.24
VC(P=0.95):	8.56
VC(P=0.99):	12.03
VC(P=0.99865):	17.01
Max VC :	30.38
Mean VC :	4.65
STDV VC :	2.10
N(Total):	652551
N(VC>10):	16039
N(VC>20):	309
N(VC>30):	2
N(VC>40):	0

Season: Annual
Time delta: 60 minutes
Height domain: 10-12 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	4.82
VC(P=0.9):	7.95
VC(P=0.95):	9.25
VC(P=0.99):	12.55
VC(P=0.99865):	16.94
Max VC :	30.63
Mean VC :	5.24
STDV VC :	2.16
N(Total):	652551
N(VC>10):	22338
N(VC>20):	224
N(VC>30):	1
N(VC>40):	0

Season: Annual
Time delta: 60 minutes
Height domain: 12-14 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	5.25
VC(P=0.9):	8.17
VC(P=0.95):	9.30
VC(P=0.99):	12.02
VC(P=0.99865):	15.84
Max VC :	31.16
Mean VC :	5.59
STDV VC :	2.02
N(Total):	652551
N(VC>10):	21195
N(VC>20):	123
N(VC>30):	3
N(VC>40):	0

Season: Annual
Time delta: 60 minutes
Height domain: 14-16 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	5.25
VC(P=0.9):	7.93
VC(P=0.95):	8.95
VC(P=0.99):	11.33
VC(P=0.99865):	14.40
Max VC :	26.96
Mean VC :	5.54
STDV VC :	1.85
N(Total):	652551
N(VC>10):	15938
N(VC>20):	17
N(VC>30):	0
N(VC>40):	0

Season: Annual
Time delta: 60 minutes
Height domain: 16-18 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	5.43
VC(P=0.9):	8.08
VC(P=0.95):	9.07
VC(P=0.99):	11.31
VC(P=0.99865):	14.15
Max VC :	29.60
Mean VC :	5.71
STDV VC :	1.82
N(Total):	652551
N(VC>10):	16656
N(VC>20):	9
N(VC>30):	0
N(VC>40):	0

Season: Annual
Time delta: 60 minutes
Height domain: > 18 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	4.36
VC(P=0.9):	7.19
VC(P=0.95):	8.26
VC(P=0.99):	10.72
VC(P=0.99865):	13.91
Max VC :	26.97
Mean VC :	4.67
STDV VC :	1.94
N(Total):	652551
N(VC>10):	10411
N(VC>20):	37
N(VC>30):	0
N(VC>40):	0

Season: Annual
Time delta: 75 minutes
Height domain: All heights
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	7.96
VC(P=0.9):	11.46
VC(P=0.95):	12.96
VC(P=0.99):	16.84
VC(P=0.99865):	22.73
Max VC :	36.18
Mean VC :	8.42
STDV VC :	2.48
N(Total):	606258
N(VC>10):	121468
N(VC>20):	1902
N(VC>30):	62
N(VC>40):	0

Season: Annual
Time delta: 75 minutes
Height domain: < 4 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.36
VC(P=0.9):	6.26
VC(P=0.95):	7.57
VC(P=0.99):	10.92
VC(P=0.99865):	15.92
Max VC :	33.53
Mean VC :	3.82
STDV VC :	2.00
N(Total):	606258
N(VC>10):	9149
N(VC>20):	202
N(VC>30):	10
N(VC>40):	0

Season: Annual
Time delta: 75 minutes
Height domain: 4-6 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.70
VC(P=0.9):	6.56
VC(P=0.95):	7.89
VC(P=0.99):	11.47
VC(P=0.99865):	16.70
Max VC :	33.70
Mean VC :	4.17
STDV VC :	2.01
N(Total):	606258
N(VC>10):	11164
N(VC>20):	280
N(VC>30):	10
N(VC>40):	0

Season: Annual
Time delta: 75 minutes
Height domain: 6-8 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	4.03
VC(P=0.9):	7.12
VC(P=0.95):	8.55
VC(P=0.99):	12.35
VC(P=0.99865):	17.99
Max VC :	36.18
Mean VC :	4.53
STDV VC :	2.17
N(Total):	606258
N(VC>10):	15900
N(VC>20):	466
N(VC>30):	14
N(VC>40):	0

Season: Annual
Time delta: 75 minutes
Height domain: 8-10 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	4.55
VC(P=0.9):	7.87
VC(P=0.95):	9.34
VC(P=0.99):	13.17
VC(P=0.99865):	19.02
Max VC :	35.33
Mean VC :	5.04
STDV VC :	2.31
N(Total):	606258
N(VC>10):	22260
N(VC>20):	572
N(VC>30):	22
N(VC>40):	0

Season: Annual
Time delta: 75 minutes
Height domain: 10-12 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	5.22
VC(P=0.9):	8.67
VC(P=0.95):	10.12
VC(P=0.99):	13.85
VC(P=0.99865):	18.64
Max VC :	34.64
Mean VC :	5.68
STDV VC :	2.39
N(Total):	606258
N(VC>10):	32013
N(VC>20):	454
N(VC>30):	6
N(VC>40):	0

Season: Annual
Time delta: 75 minutes
Height domain: 12-14 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	5.64
VC(P=0.9):	8.77
VC(P=0.95):	9.99
VC(P=0.99):	12.98
VC(P=0.99865):	17.05
Max VC :	32.42
Mean VC :	6.00
STDV VC :	2.18
N(Total):	606258
N(VC>10):	30114
N(VC>20):	271
N(VC>30):	2
N(VC>40):	0

Season: Annual
Time delta: 75 minutes
Height domain: 14-16 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	5.61
VC(P=0.9):	8.45
VC(P=0.95):	9.53
VC(P=0.99):	12.00
VC(P=0.99865):	15.22
Max VC :	28.73
Mean VC :	5.92
STDV VC :	1.95
N(Total):	606258
N(VC>10):	22268
N(VC>20):	54
N(VC>30):	0
N(VC>40):	0

Season: Annual
Time delta: 75 minutes
Height domain: 16-18 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	5.80
VC(P=0.9):	8.55
VC(P=0.95):	9.56
VC(P=0.99):	11.81
VC(P=0.99865):	14.65
Max VC :	25.92
Mean VC :	6.07
STDV VC :	1.89
N(Total):	606258
N(VC>10):	22304
N(VC>20):	17
N(VC>30):	0
N(VC>40):	0

Season: Annual
Time delta: 75 minutes
Height domain: > 18 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	4.65
VC(P=0.9):	7.57
VC(P=0.95):	8.65
VC(P=0.99):	11.09
VC(P=0.99865):	14.30
Max VC :	27.60
Mean VC :	4.95
STDV VC :	2.01
N(Total):	606258
N(VC>10):	12410
N(VC>20):	34
N(VC>30):	0
N(VC>40):	0

Season: Annual
Time delta: 90 minutes
Height domain: All heights
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	8.42
VC(P=0.9):	12.15
VC(P=0.95):	13.79
VC(P=0.99):	18.08
VC(P=0.99865):	24.44
Max VC :	39.31
Mean VC :	8.91
STDV VC :	2.66
N(Total):	516420
N(VC>10):	134287
N(VC>20):	2709
N(VC>30):	140
N(VC>40):	0

Season: Annual
Time delta: 90 minutes
Height domain: < 4 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.53
VC(P=0.9):	6.54
VC(P=0.95):	7.91
VC(P=0.99):	11.45
VC(P=0.99865):	16.53
Max VC :	35.10
Mean VC :	4.00
STDV VC :	2.09
N(Total):	516420
N(VC>10):	9550
N(VC>20):	214
N(VC>30):	14
N(VC>40):	0

Season: Annual
Time delta: 90 minutes
Height domain: 4-6 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.95
VC(P=0.9):	6.96
VC(P=0.95):	8.36
VC(P=0.99):	12.22
VC(P=0.99865):	18.12
Max VC :	34.51
Mean VC :	4.44
STDV VC :	2.14
N(Total):	516420
N(VC>10):	12394
N(VC>20):	429
N(VC>30):	21
N(VC>40):	0

Season: Annual
Time delta: 90 minutes
Height domain: 6-8 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	4.32
VC(P=0.9):	7.61
VC(P=0.95):	9.15
VC(P=0.99):	13.35
VC(P=0.99865):	19.98
Max VC :	37.97
Mean VC :	4.85
STDV VC :	2.34
N(Total):	516420
N(VC>10):	17903
N(VC>20):	691
N(VC>30):	68
N(VC>40):	0

Season: Annual
Time delta: 90 minutes
Height domain: 8-10 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	4.88
VC(P=0.9):	8.49
VC(P=0.95):	10.05
VC(P=0.99):	14.32
VC(P=0.99865):	20.61
Max VC :	39.31
Mean VC :	5.42
STDV VC :	2.52
N(Total):	516420
N(VC>10):	26408
N(VC>20):	841
N(VC>30):	42
N(VC>40):	0

Season: Annual
Time delta: 90 minutes
Height domain: 10-12 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	5.58
VC(P=0.9):	9.33
VC(P=0.95):	10.94
VC(P=0.99):	15.03
VC(P=0.99865):	20.37
Max VC :	33.79
Mean VC :	6.09
STDV VC :	2.60
N(Total):	516420
N(VC>10):	38552
N(VC>20):	800
N(VC>30):	5
N(VC>40):	0

Season: Annual
Time delta: 90 minutes
Height domain: 12-14 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	6.00
VC(P=0.9):	9.37
VC(P=0.95):	10.66
VC(P=0.99):	13.90
VC(P=0.99865):	18.31
Max VC :	32.88
Mean VC :	6.39
STDV VC :	2.33
N(Total):	516420
N(VC>10):	36757
N(VC>20):	363
N(VC>30):	4
N(VC>40):	0

Season: Annual
Time delta: 90 minutes
Height domain: 14-16 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	5.95
VC(P=0.9):	8.96
VC(P=0.95):	10.08
VC(P=0.99):	12.64
VC(P=0.99865):	15.92
Max VC :	28.08
Mean VC :	6.27
STDV VC :	2.06
N(Total):	516420
N(VC>10):	27156
N(VC>20):	86
N(VC>30):	0
N(VC>40):	0

Season: Annual
Time delta: 90 minutes
Height domain: 16-18 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	6.13
VC(P=0.9):	9.00
VC(P=0.95):	10.05
VC(P=0.99):	12.35
VC(P=0.99865):	15.18
Max VC :	24.03
Mean VC :	6.41
STDV VC :	1.97
N(Total):	516420
N(VC>10):	26679
N(VC>20):	27
N(VC>30):	0
N(VC>40):	0

Season: Annual
Time delta: 90 minutes
Height domain: > 18 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	4.90
VC(P=0.9):	7.91
VC(P=0.95):	9.01
VC(P=0.99):	11.48
VC(P=0.99865):	14.58
Max VC :	26.36
Mean VC :	5.21
STDV VC :	2.07
N(Total):	516420
N(VC>10):	13626
N(VC>20):	35
N(VC>30):	0
N(VC>40):	0

Season: Annual
Time delta: 120 minutes
Height domain: All heights
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	9.27
VC(P=0.9):	13.33
VC(P=0.95):	15.18
VC(P=0.99):	20.19
VC(P=0.99865):	27.70
Max VC :	48.63
Mean VC :	9.83
STDV VC :	2.95
N(Total):	514817
N(VC>10):	196877
N(VC>20):	5442
N(VC>30):	423
N(VC>40):	42

Season: Annual
Time delta: 120 minutes
Height domain: < 4 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.77
VC(P=0.9):	6.89
VC(P=0.95):	8.30
VC(P=0.99):	11.99
VC(P=0.99865):	17.55
Max VC :	37.24
Mean VC :	4.25
STDV VC :	2.19
N(Total):	514817
N(VC>10):	11975
N(VC>20):	312
N(VC>30):	20
N(VC>40):	0

Season: Annual
Time delta: 120 minutes
Height domain: 4-6 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	4.35
VC(P=0.9):	7.57
VC(P=0.95):	9.10
VC(P=0.99):	13.42
VC(P=0.99865):	20.21
Max VC :	40.08
Mean VC :	4.88
STDV VC :	2.34
N(Total):	514817
N(VC>10):	17551
N(VC>20):	737
N(VC>30):	72
N(VC>40):	1

Season: Annual
Time delta: 120 minutes
Height domain: 6-8 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	4.80
VC(P=0.9):	8.33
VC(P=0.95):	9.98
VC(P=0.99):	14.66
VC(P=0.99865):	22.81
Max VC :	48.63
Mean VC :	5.37
STDV VC :	2.58
N(Total):	514817
N(VC>10):	25472
N(VC>20):	1275
N(VC>30):	162
N(VC>40):	30

Season: Annual
Time delta: 120 minutes
Height domain: 8-10 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	5.43
VC(P=0.9):	9.42
VC(P=0.95):	11.24
VC(P=0.99):	16.20
VC(P=0.99865):	23.67
Max VC :	45.99
Mean VC :	6.04
STDV VC :	2.83
N(Total):	514817
N(VC>10):	41078
N(VC>20):	1866
N(VC>30):	153
N(VC>40):	9

Season: Annual
Time delta: 120 minutes
Height domain: 10-12 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	6.25
VC(P=0.9):	10.47
VC(P=0.95):	12.33
VC(P=0.99):	17.16
VC(P=0.99865):	23.34
Max VC :	44.96
Mean VC :	6.84
STDV VC :	2.95
N(Total):	514817
N(VC>10):	61524
N(VC>20):	2136
N(VC>30):	84
N(VC>40):	3

Season: Annual
Time delta: 120 minutes
Height domain: 12-14 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	6.73
VC(P=0.9):	10.45
VC(P=0.95):	11.93
VC(P=0.99):	15.51
VC(P=0.99865):	20.30
Max VC :	36.08
Mean VC :	7.16
STDV VC :	2.59
N(Total):	514817
N(VC>10):	63554
N(VC>20):	785
N(VC>30):	29
N(VC>40):	0

Season: Annual
Time delta: 120 minutes
Height domain: 14-16 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	6.60
VC(P=0.9):	9.83
VC(P=0.95):	11.05
VC(P=0.99):	13.79
VC(P=0.99865):	17.35
Max VC :	30.84
Mean VC :	6.93
STDV VC :	2.24
N(Total):	514817
N(VC>10):	46855
N(VC>20):	181
N(VC>30):	2
N(VC>40):	0

Season: Annual
Time delta: 120 minutes
Height domain: 16-18 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	6.76
VC(P=0.9):	9.81
VC(P=0.95):	10.90
VC(P=0.99):	13.29
VC(P=0.99865):	16.07
Max VC :	25.82
Mean VC :	7.05
STDV VC :	2.10
N(Total):	514817
N(VC>10):	45720
N(VC>20):	47
N(VC>30):	0
N(VC>40):	0

Season: Annual
Time delta: 120 minutes
Height domain: > 18 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	5.41
VC(P=0.9):	8.60
VC(P=0.95):	9.76
VC(P=0.99):	12.31
VC(P=0.99865):	15.58
Max VC :	26.32
Mean VC :	5.72
STDV VC :	2.20
N(Total):	514817
N(VC>10):	22271
N(VC>20):	65
N(VC>30):	0
N(VC>40):	0

Season: Winter
Time delta: 5 minutes
Height domain: All heights
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.50
VC(P=0.9):	6.29
VC(P=0.95):	7.47
VC(P=0.99):	10.48
VC(P=0.99865):	15.16
Max VC :	29.63
Mean VC :	3.96
STDV VC :	1.88
N(Total):	128973
N(VC>10):	1612
N(VC>20):	57
N(VC>30):	0
N(VC>40):	0

Season: Winter
Time delta: 5 minutes
Height domain: < 4 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	1.62
VC(P=0.9):	3.55
VC(P=0.95):	4.86
VC(P=0.99):	8.25
VC(P=0.99865):	13.40
Max VC :	29.63
Mean VC :	2.00
STDV VC :	1.55
N(Total):	128973
N(VC>10):	616
N(VC>20):	38
N(VC>30):	0
N(VC>40):	0

Season: Winter
Time delta: 5 minutes
Height domain: 4-6 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	1.35
VC(P=0.9):	2.74
VC(P=0.95):	3.45
VC(P=0.99):	5.42
VC(P=0.99865):	8.22
Max VC :	15.77
Mean VC :	1.61
STDV VC :	0.99
N(Total):	128973
N(VC>10):	32
N(VC>20):	0
N(VC>30):	0
N(VC>40):	0

Season: Winter
Time delta: 5 minutes
Height domain: 6-8 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	1.43
VC(P=0.9):	2.80
VC(P=0.95):	3.50
VC(P=0.99):	5.45
VC(P=0.99865):	8.21
Max VC :	14.38
Mean VC :	1.68
STDV VC :	0.98
N(Total):	128973
N(VC>10):	44
N(VC>20):	0
N(VC>30):	0
N(VC>40):	0

Season: Winter
Time delta: 5 minutes
Height domain: 8-10 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	1.63
VC(P=0.9):	3.02
VC(P=0.95):	3.72
VC(P=0.99):	5.70
VC(P=0.99865):	8.60
Max VC :	26.83
Mean VC :	1.87
STDV VC :	1.02
N(Total):	128973
N(VC>10):	80
N(VC>20):	1
N(VC>30):	0
N(VC>40):	0

Season: Winter
Time delta: 5 minutes
Height domain: 10-12 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	1.90
VC(P=0.9):	3.58
VC(P=0.95):	4.42
VC(P=0.99):	6.61
VC(P=0.99865):	10.10
Max VC :	26.11
Mean VC :	2.20
STDV VC :	1.20
N(Total):	128973
N(VC>10):	184
N(VC>20):	2
N(VC>30):	0
N(VC>40):	0

Season: Winter
Time delta: 5 minutes
Height domain: 12-14 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	2.10
VC(P=0.9):	3.94
VC(P=0.95):	4.84
VC(P=0.99):	7.10
VC(P=0.99865):	10.56
Max VC :	23.32
Mean VC :	2.40
STDV VC :	1.29
N(Total):	128973
N(VC>10):	227
N(VC>20):	6
N(VC>30):	0
N(VC>40):	0

Season: Winter
Time delta: 5 minutes
Height domain: 14-16 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	2.11
VC(P=0.9):	3.99
VC(P=0.95):	4.84
VC(P=0.99):	6.93
VC(P=0.99865):	10.17
Max VC :	26.82
Mean VC :	2.43
STDV VC :	1.28
N(Total):	128973
N(VC>10):	182
N(VC>20):	4
N(VC>30):	0
N(VC>40):	0

Season: Winter
Time delta: 5 minutes
Height domain: 16-18 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	2.09
VC(P=0.9):	4.02
VC(P=0.95):	4.88
VC(P=0.99):	6.97
VC(P=0.99865):	10.17
Max VC :	26.31
Mean VC :	2.41
STDV VC :	1.30
N(Total):	128973
N(VC>10):	198
N(VC>20):	3
N(VC>30):	0
N(VC>40):	0

Season: Winter
Time delta: 5 minutes
Height domain: > 18 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	1.45
VC(P=0.9):	3.24
VC(P=0.95):	4.09
VC(P=0.99):	6.24
VC(P=0.99865):	9.16
Max VC :	24.76
Mean VC :	1.77
STDV VC :	1.21
N(Total):	128973
N(VC>10):	99
N(VC>20):	3
N(VC>30):	0
N(VC>40):	0

Season: Winter
Time delta: 10 minutes
Height domain: All heights
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	4.71
VC(P=0.9):	7.71
VC(P=0.95):	8.94
VC(P=0.99):	12.02
VC(P=0.99865):	16.79
Max VC :	29.37
Mean VC :	5.14
STDV VC :	2.04
N(Total):	145749
N(VC>10):	4033
N(VC>20):	73
N(VC>30):	0
N(VC>40):	0

Season: Winter
Time delta: 10 minutes
Height domain: < 4 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	2.21
VC(P=0.9):	4.88
VC(P=0.95):	6.26
VC(P=0.99):	9.66
VC(P=0.99865):	14.55
Max VC :	29.37
Mean VC :	2.71
STDV VC :	1.84
N(Total):	145749
N(VC>10):	1260
N(VC>20):	44
N(VC>30):	0
N(VC>40):	0

Season: Winter
Time delta: 10 minutes
Height domain: 4-6 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	1.88
VC(P=0.9):	3.67
VC(P=0.95):	4.60
VC(P=0.99):	7.02
VC(P=0.99865):	10.05
Max VC :	19.06
Mean VC :	2.20
STDV VC :	1.26
N(Total):	145749
N(VC>10):	208
N(VC>20):	0
N(VC>30):	0
N(VC>40):	0

Season: Winter
Time delta: 10 minutes
Height domain: 6-8 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	2.00
VC(P=0.9):	3.78
VC(P=0.95):	4.65
VC(P=0.99):	7.08
VC(P=0.99865):	10.21
Max VC :	19.57
Mean VC :	2.31
STDV VC :	1.25
N(Total):	145749
N(VC>10):	229
N(VC>20):	0
N(VC>30):	0
N(VC>40):	0

Season: Winter
Time delta: 10 minutes
Height domain: 8-10 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	2.28
VC(P=0.9):	4.07
VC(P=0.95):	4.92
VC(P=0.99):	7.24
VC(P=0.99865):	10.38
Max VC :	26.64
Mean VC :	2.57
STDV VC :	1.27
N(Total):	145749
N(VC>10):	252
N(VC>20):	1
N(VC>30):	0
N(VC>40):	0

Season: Winter
Time delta: 10 minutes
Height domain: 10-12 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	2.70
VC(P=0.9):	4.73
VC(P=0.95):	5.64
VC(P=0.99):	8.01
VC(P=0.99865):	11.52
Max VC :	26.35
Mean VC :	3.01
STDV VC :	1.42
N(Total):	145749
N(VC>10):	444
N(VC>20):	3
N(VC>30):	0
N(VC>40):	0

Season: Winter
Time delta: 10 minutes
Height domain: 12-14 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	2.99
VC(P=0.9):	5.16
VC(P=0.95):	6.11
VC(P=0.99):	8.55
VC(P=0.99865):	11.96
Max VC :	23.98
Mean VC :	3.31
STDV VC :	1.51
N(Total):	145749
N(VC>10):	584
N(VC>20):	11
N(VC>30):	0
N(VC>40):	0

Season: Winter
Time delta: 10 minutes
Height domain: 14-16 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.04
VC(P=0.9):	5.23
VC(P=0.95):	6.15
VC(P=0.99):	8.44
VC(P=0.99865):	11.59
Max VC :	25.30
Mean VC :	3.35
STDV VC :	1.49
N(Total):	145749
N(VC>10):	536
N(VC>20):	4
N(VC>30):	0
N(VC>40):	0

Season: Winter
Time delta: 10 minutes
Height domain: 16-18 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.02
VC(P=0.9):	5.22
VC(P=0.95):	6.16
VC(P=0.99):	8.36
VC(P=0.99865):	11.55
Max VC :	26.55
Mean VC :	3.33
STDV VC :	1.50
N(Total):	145749
N(VC>10):	496
N(VC>20):	6
N(VC>30):	0
N(VC>40):	0

Season: Winter
Time delta: 10 minutes
Height domain: > 18 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	2.21
VC(P=0.9):	4.31
VC(P=0.95):	5.26
VC(P=0.99):	7.61
VC(P=0.99865):	10.54
Max VC :	24.74
Mean VC :	2.53
STDV VC :	1.43
N(Total):	145749
N(VC>10):	292
N(VC>20):	4
N(VC>30):	0
N(VC>40):	0

Season: Winter
Time delta: 15 minutes
Height domain: All heights
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	5.57
VC(P=0.9):	8.51
VC(P=0.95):	9.68
VC(P=0.99):	12.58
VC(P=0.99865):	16.86
Max VC :	29.12
Mean VC :	5.95
STDV VC :	2.02
N(Total):	269196
N(VC>10):	11135
N(VC>20):	110
N(VC>30):	0
N(VC>40):	0

Season: Winter
Time delta: 15 minutes
Height domain: < 4 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	2.46
VC(P=0.9):	5.21
VC(P=0.95):	6.53
VC(P=0.99):	9.80
VC(P=0.99865):	14.72
Max VC :	29.12
Mean VC :	2.95
STDV VC :	1.87
N(Total):	269196
N(VC>10):	2438
N(VC>20):	68
N(VC>30):	0
N(VC>40):	0

Season: Winter
Time delta: 15 minutes
Height domain: 4-6 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	2.26
VC(P=0.9):	4.28
VC(P=0.95):	5.28
VC(P=0.99):	7.84
VC(P=0.99865):	11.15
Max VC :	19.28
Mean VC :	2.60
STDV VC :	1.40
N(Total):	269196
N(VC>10):	726
N(VC>20):	0
N(VC>30):	0
N(VC>40):	0

Season: Winter
Time delta: 15 minutes
Height domain: 6-8 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	2.45
VC(P=0.9):	4.45
VC(P=0.95):	5.43
VC(P=0.99):	7.99
VC(P=0.99865):	11.35
Max VC :	23.98
Mean VC :	2.78
STDV VC :	1.41
N(Total):	269196
N(VC>10):	846
N(VC>20):	4
N(VC>30):	0
N(VC>40):	0

Season: Winter
Time delta: 15 minutes
Height domain: 8-10 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	2.80
VC(P=0.9):	4.82
VC(P=0.95):	5.74
VC(P=0.99):	8.12
VC(P=0.99865):	11.44
Max VC :	26.47
Mean VC :	3.10
STDV VC :	1.42
N(Total):	269196
N(VC>10):	875
N(VC>20):	4
N(VC>30):	0
N(VC>40):	0

Season: Winter
Time delta: 15 minutes
Height domain: 10-12 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.37
VC(P=0.9):	5.59
VC(P=0.95):	6.54
VC(P=0.99):	8.81
VC(P=0.99865):	12.06
Max VC :	26.46
Mean VC :	3.66
STDV VC :	1.54
N(Total):	269196
N(VC>10):	1242
N(VC>20):	8
N(VC>30):	0
N(VC>40):	0

Season: Winter
Time delta: 15 minutes
Height domain: 12-14 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.76
VC(P=0.9):	6.18
VC(P=0.95):	7.16
VC(P=0.99):	9.48
VC(P=0.99865):	12.60
Max VC :	23.42
Mean VC :	4.08
STDV VC :	1.63
N(Total):	269196
N(VC>10):	1872
N(VC>20):	11
N(VC>30):	0
N(VC>40):	0

Season: Winter
Time delta: 15 minutes
Height domain: 14-16 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.83
VC(P=0.9):	6.25
VC(P=0.95):	7.20
VC(P=0.99):	9.41
VC(P=0.99865):	12.29
Max VC :	26.08
Mean VC :	4.14
STDV VC :	1.62
N(Total):	269196
N(VC>10):	1792
N(VC>20):	2
N(VC>30):	0
N(VC>40):	0

Season: Winter
Time delta: 15 minutes
Height domain: 16-18 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.84
VC(P=0.9):	6.22
VC(P=0.95):	7.17
VC(P=0.99):	9.41
VC(P=0.99865):	12.34
Max VC :	26.55
Mean VC :	4.14
STDV VC :	1.61
N(Total):	269196
N(VC>10):	1774
N(VC>20):	8
N(VC>30):	0
N(VC>40):	0

Season: Winter
Time delta: 15 minutes
Height domain: > 18 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	2.87
VC(P=0.9):	5.18
VC(P=0.95):	6.19
VC(P=0.99):	8.52
VC(P=0.99865):	11.43
Max VC :	24.80
Mean VC :	3.20
STDV VC :	1.57
N(Total):	269196
N(VC>10):	945
N(VC>20):	5
N(VC>30):	0
N(VC>40):	0

Season: Winter
Time delta: 20 minutes
Height domain: All heights
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	5.71
VC(P=0.9):	9.00
VC(P=0.95):	10.35
VC(P=0.99):	13.80
VC(P=0.99865):	18.83
Max VC :	32.37
Mean VC :	6.17
STDV VC :	2.25
N(Total):	114686
N(VC>10):	6837
N(VC>20):	102
N(VC>30):	1
N(VC>40):	0

Season: Winter
Time delta: 20 minutes
Height domain: < 4 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	2.84
VC(P=0.9):	6.01
VC(P=0.95):	7.45
VC(P=0.99):	11.05
VC(P=0.99865):	16.50
Max VC :	28.45
Mean VC :	3.40
STDV VC :	2.11
N(Total):	114686
N(VC>10):	1802
N(VC>20):	59
N(VC>30):	0
N(VC>40):	0

Season: Winter
Time delta: 20 minutes
Height domain: 4-6 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	2.51
VC(P=0.9):	4.91
VC(P=0.95):	6.13
VC(P=0.99):	9.02
VC(P=0.99865):	12.57
Max VC :	21.40
Mean VC :	2.93
STDV VC :	1.63
N(Total):	114686
N(VC>10):	675
N(VC>20):	2
N(VC>30):	0
N(VC>40):	0

Season: Winter
Time delta: 20 minutes
Height domain: 6-8 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	2.67
VC(P=0.9):	5.09
VC(P=0.95):	6.28
VC(P=0.99):	9.19
VC(P=0.99865):	13.05
Max VC :	32.37
Mean VC :	3.09
STDV VC :	1.65
N(Total):	114686
N(VC>10):	724
N(VC>20):	1
N(VC>30):	1
N(VC>40):	0

Season: Winter
Time delta: 20 minutes
Height domain: 8-10 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	2.98
VC(P=0.9):	5.36
VC(P=0.95):	6.45
VC(P=0.99):	9.36
VC(P=0.99865):	13.15
Max VC :	26.28
Mean VC :	3.37
STDV VC :	1.63
N(Total):	114686
N(VC>10):	797
N(VC>20):	2
N(VC>30):	0
N(VC>40):	0

Season: Winter
Time delta: 20 minutes
Height domain: 10-12 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.47
VC(P=0.9):	5.88
VC(P=0.95):	6.94
VC(P=0.99):	9.61
VC(P=0.99865):	13.57
Max VC :	26.57
Mean VC :	3.81
STDV VC :	1.68
N(Total):	114686
N(VC>10):	926
N(VC>20):	4
N(VC>30):	0
N(VC>40):	0

Season: Winter
Time delta: 20 minutes
Height domain: 12-14 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.74
VC(P=0.9):	6.16
VC(P=0.95):	7.18
VC(P=0.99):	9.79
VC(P=0.99865):	13.96
Max VC :	23.85
Mean VC :	4.07
STDV VC :	1.69
N(Total):	114686
N(VC>10):	1007
N(VC>20):	19
N(VC>30):	0
N(VC>40):	0

Season: Winter
Time delta: 20 minutes
Height domain: 14-16 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.76
VC(P=0.9):	6.10
VC(P=0.95):	7.06
VC(P=0.99):	9.44
VC(P=0.99865):	13.10
Max VC :	26.23
Mean VC :	4.07
STDV VC :	1.61
N(Total):	114686
N(VC>10):	822
N(VC>20):	4
N(VC>30):	0
N(VC>40):	0

Season: Winter
Time delta: 20 minutes
Height domain: 16-18 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.73
VC(P=0.9):	6.05
VC(P=0.95):	7.02
VC(P=0.99):	9.41
VC(P=0.99865):	13.04
Max VC :	26.55
Mean VC :	4.04
STDV VC :	1.61
N(Total):	114686
N(VC>10):	783
N(VC>20):	7
N(VC>30):	0
N(VC>40):	0

Season: Winter
Time delta: 20 minutes
Height domain: > 18 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	2.84
VC(P=0.9):	5.10
VC(P=0.95):	6.06
VC(P=0.99):	8.41
VC(P=0.99865):	11.38
Max VC :	25.02
Mean VC :	3.15
STDV VC :	1.55
N(Total):	114686
N(VC>10):	403
N(VC>20):	5
N(VC>30):	0
N(VC>40):	0

Season: Winter
Time delta: 25 minutes
Height domain: All heights
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	6.15
VC(P=0.9):	9.40
VC(P=0.95):	10.75
VC(P=0.99):	14.10
VC(P=0.99865):	18.81
Max VC :	28.71
Mean VC :	6.58
STDV VC :	2.25
N(Total):	132559
N(VC>10):	9694
N(VC>20):	119
N(VC>30):	0
N(VC>40):	0

Season: Winter
Time delta: 25 minutes
Height domain: < 4 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	2.95
VC(P=0.9):	6.13
VC(P=0.95):	7.60
VC(P=0.99):	11.10
VC(P=0.99865):	16.16
Max VC :	28.71
Mean VC :	3.50
STDV VC :	2.12
N(Total):	132559
N(VC>10):	2153
N(VC>20):	61
N(VC>30):	0
N(VC>40):	0

Season: Winter
Time delta: 25 minutes
Height domain: 4-6 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	2.71
VC(P=0.9):	5.23
VC(P=0.95):	6.51
VC(P=0.99):	9.52
VC(P=0.99865):	13.27
Max VC :	22.66
Mean VC :	3.15
STDV VC :	1.71
N(Total):	132559
N(VC>10):	1031
N(VC>20):	4
N(VC>30):	0
N(VC>40):	0

Season: Winter
Time delta: 25 minutes
Height domain: 6-8 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	2.89
VC(P=0.9):	5.48
VC(P=0.95):	6.70
VC(P=0.99):	9.75
VC(P=0.99865):	13.66
Max VC :	26.43
Mean VC :	3.33
STDV VC :	1.74
N(Total):	132559
N(VC>10):	1152
N(VC>20):	6
N(VC>30):	0
N(VC>40):	0

Season: Winter
Time delta: 25 minutes
Height domain: 8-10 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.27
VC(P=0.9):	5.78
VC(P=0.95):	6.93
VC(P=0.99):	9.93
VC(P=0.99865):	13.71
Max VC :	26.19
Mean VC :	3.66
STDV VC :	1.73
N(Total):	132559
N(VC>10):	1276
N(VC>20):	5
N(VC>30):	0
N(VC>40):	0

Season: Winter
Time delta: 25 minutes
Height domain: 10-12 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.81
VC(P=0.9):	6.38
VC(P=0.95):	7.47
VC(P=0.99):	10.18
VC(P=0.99865):	14.14
Max VC :	25.93
Mean VC :	4.16
STDV VC :	1.77
N(Total):	132559
N(VC>10):	1460
N(VC>20):	11
N(VC>30):	0
N(VC>40):	0

Season: Winter
Time delta: 25 minutes
Height domain: 12-14 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	4.12
VC(P=0.9):	6.63
VC(P=0.95):	7.65
VC(P=0.99):	10.17
VC(P=0.99865):	14.34
Max VC :	23.89
Mean VC :	4.44
STDV VC :	1.75
N(Total):	132559
N(VC>10):	1446
N(VC>20):	15
N(VC>30):	0
N(VC>40):	0

Season: Winter
Time delta: 25 minutes
Height domain: 14-16 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	4.14
VC(P=0.9):	6.59
VC(P=0.95):	7.57
VC(P=0.99):	9.94
VC(P=0.99865):	13.27
Max VC :	25.38
Mean VC :	4.44
STDV VC :	1.68
N(Total):	132559
N(VC>10):	1285
N(VC>20):	2
N(VC>30):	0
N(VC>40):	0

Season: Winter
Time delta: 25 minutes
Height domain: 16-18 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	4.13
VC(P=0.9):	6.56
VC(P=0.95):	7.52
VC(P=0.99):	9.89
VC(P=0.99865):	13.30
Max VC :	26.96
Mean VC :	4.43
STDV VC :	1.68
N(Total):	132559
N(VC>10):	1232
N(VC>20):	8
N(VC>30):	0
N(VC>40):	0

Season: Winter
Time delta: 25 minutes
Height domain: > 18 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.14
VC(P=0.9):	5.53
VC(P=0.95):	6.53
VC(P=0.99):	8.91
VC(P=0.99865):	11.92
Max VC :	25.02
Mean VC :	3.46
STDV VC :	1.63
N(Total):	132559
N(VC>10):	640
N(VC>20):	7
N(VC>30):	0
N(VC>40):	0

Season: Winter
Time delta: 30 minutes
Height domain: All heights
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	6.56
VC(P=0.9):	9.80
VC(P=0.95):	11.13
VC(P=0.99):	14.41
VC(P=0.99865):	19.05
Max VC :	34.79
Mean VC :	6.98
STDV VC :	2.24
N(Total):	211733
N(VC>10):	18933
N(VC>20):	198
N(VC>30):	4
N(VC>40):	0

Season: Winter
Time delta: 30 minutes
Height domain: < 4 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	2.98
VC(P=0.9):	6.09
VC(P=0.95):	7.49
VC(P=0.99):	11.07
VC(P=0.99865):	16.08
Max VC :	34.79
Mean VC :	3.50
STDV VC :	2.09
N(Total):	211733
N(VC>10):	3324
N(VC>20):	87
N(VC>30):	4
N(VC>40):	0

Season: Winter
Time delta: 30 minutes
Height domain: 4-6 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	2.88
VC(P=0.9):	5.48
VC(P=0.95):	6.74
VC(P=0.99):	9.84
VC(P=0.99865):	14.03
Max VC :	22.75
Mean VC :	3.33
STDV VC :	1.77
N(Total):	211733
N(VC>10):	1950
N(VC>20):	14
N(VC>30):	0
N(VC>40):	0

Season: Winter
Time delta: 30 minutes
Height domain: 6-8 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.13
VC(P=0.9):	5.79
VC(P=0.95):	7.04
VC(P=0.99):	10.33
VC(P=0.99865):	14.60
Max VC :	26.11
Mean VC :	3.57
STDV VC :	1.82
N(Total):	211733
N(VC>10):	2453
N(VC>20):	15
N(VC>30):	0
N(VC>40):	0

Season: Winter
Time delta: 30 minutes
Height domain: 8-10 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.56
VC(P=0.9):	6.19
VC(P=0.95):	7.36
VC(P=0.99):	10.43
VC(P=0.99865):	14.34
Max VC :	25.95
Mean VC :	3.95
STDV VC :	1.82
N(Total):	211733
N(VC>10):	2608
N(VC>20):	10
N(VC>30):	0
N(VC>40):	0

Season: Winter
Time delta: 30 minutes
Height domain: 10-12 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	4.19
VC(P=0.9):	6.85
VC(P=0.95):	7.96
VC(P=0.99):	10.74
VC(P=0.99865):	14.49
Max VC :	27.09
Mean VC :	4.53
STDV VC :	1.85
N(Total):	211733
N(VC>10):	3124
N(VC>20):	18
N(VC>30):	0
N(VC>40):	0

Season: Winter
Time delta: 30 minutes
Height domain: 12-14 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	4.57
VC(P=0.9):	7.19
VC(P=0.95):	8.22
VC(P=0.99):	10.66
VC(P=0.99865):	14.26
Max VC :	24.06
Mean VC :	4.87
STDV VC :	1.81
N(Total):	211733
N(VC>10):	3213
N(VC>20):	34
N(VC>30):	0
N(VC>40):	0

Season: Winter
Time delta: 30 minutes
Height domain: 14-16 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	4.57
VC(P=0.9):	7.12
VC(P=0.95):	8.12
VC(P=0.99):	10.46
VC(P=0.99865):	13.58
Max VC :	28.25
Mean VC :	4.87
STDV VC :	1.75
N(Total):	211733
N(VC>10):	2897
N(VC>20):	4
N(VC>30):	0
N(VC>40):	0

Season: Winter
Time delta: 30 minutes
Height domain: 16-18 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	4.58
VC(P=0.9):	7.07
VC(P=0.95):	8.06
VC(P=0.99):	10.37
VC(P=0.99865):	13.63
Max VC :	28.46
Mean VC :	4.87
STDV VC :	1.73
N(Total):	211733
N(VC>10):	2763
N(VC>20):	9
N(VC>30):	0
N(VC>40):	0

Season: Winter
Time delta: 30 minutes
Height domain: > 18 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.50
VC(P=0.9):	5.99
VC(P=0.95):	6.99
VC(P=0.99):	9.40
VC(P=0.99865):	12.86
Max VC :	24.95
Mean VC :	3.81
STDV VC :	1.71
N(Total):	211733
N(VC>10):	1440
N(VC>20):	13
N(VC>30):	0
N(VC>40):	0

Season: Winter
Time delta: 45 minutes
Height domain: All heights
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	7.23
VC(P=0.9):	10.65
VC(P=0.95):	12.13
VC(P=0.99):	15.81
VC(P=0.99865):	20.96
Max VC :	32.22
Mean VC :	7.68
STDV VC :	2.39
N(Total):	199990
N(VC>10):	27487
N(VC>20):	408
N(VC>30):	3
N(VC>40):	0

Season: Winter
Time delta: 45 minutes
Height domain: < 4 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5): 3.29
VC(P=0.9): 6.49
VC(P=0.95): 7.93
VC(P=0.99): 11.56
VC(P=0.99865): 16.86
Max VC : 32.22
Mean VC : 3.81
STDV VC : 2.18
N(Total): 199990
N(VC>10): 3879
N(VC>20): 120
N(VC>30): 3
N(VC>40): 0

Season: Winter
Time delta: 45 minutes
Height domain: 4-6 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.32
VC(P=0.9):	6.19
VC(P=0.95):	7.57
VC(P=0.99):	11.07
VC(P=0.99865):	15.98
Max VC :	25.94
Mean VC :	3.81
STDV VC :	1.98
N(Total):	199990
N(VC>10):	3201
N(VC>20):	59
N(VC>30):	0
N(VC>40):	0

Season: Winter
Time delta: 45 minutes
Height domain: 6-8 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.62
VC(P=0.9):	6.66
VC(P=0.95):	8.11
VC(P=0.99):	11.78
VC(P=0.99865):	16.88
Max VC :	26.32
Mean VC :	4.12
STDV VC :	2.08
N(Total):	199990
N(VC>10):	4301
N(VC>20):	75
N(VC>30):	0
N(VC>40):	0

Season: Winter
Time delta: 45 minutes
Height domain: 8-10 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	4.09
VC(P=0.9):	7.13
VC(P=0.95):	8.53
VC(P=0.99):	12.11
VC(P=0.99865):	16.68
Max VC :	28.07
Mean VC :	4.55
STDV VC :	2.11
N(Total):	199990
N(VC>10):	4985
N(VC>20):	60
N(VC>30):	0
N(VC>40):	0

Season: Winter
Time delta: 45 minutes
Height domain: 10-12 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	4.77
VC(P=0.9):	7.73
VC(P=0.95):	9.02
VC(P=0.99):	12.30
VC(P=0.99865):	16.45
Max VC :	26.20
Mean VC :	5.15
STDV VC :	2.08
N(Total):	199990
N(VC>10):	6014
N(VC>20):	41
N(VC>30):	0
N(VC>40):	0

Season: Winter
Time delta: 45 minutes
Height domain: 12-14 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	5.11
VC(P=0.9):	7.87
VC(P=0.95):	8.95
VC(P=0.99):	11.51
VC(P=0.99865):	15.26
Max VC :	27.87
Mean VC :	5.42
STDV VC :	1.92
N(Total):	199990
N(VC>10):	5049
N(VC>20):	37
N(VC>30):	0
N(VC>40):	0

Season: Winter
Time delta: 45 minutes
Height domain: 14-16 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	5.08
VC(P=0.9):	7.74
VC(P=0.95):	8.76
VC(P=0.99):	11.17
VC(P=0.99865):	14.39
Max VC :	26.85
Mean VC :	5.37
STDV VC :	1.84
N(Total):	199990
N(VC>10):	4352
N(VC>20):	9
N(VC>30):	0
N(VC>40):	0

Season: Winter
Time delta: 45 minutes
Height domain: 16-18 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	5.10
VC(P=0.9):	7.70
VC(P=0.95):	8.70
VC(P=0.99):	10.99
VC(P=0.99865):	14.05
Max VC :	29.18
Mean VC :	5.37
STDV VC :	1.80
N(Total):	199990
N(VC>10):	4020
N(VC>20):	9
N(VC>30):	0
N(VC>40):	0

Season: Winter
Time delta: 45 minutes
Height domain: > 18 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.93
VC(P=0.9):	6.55
VC(P=0.95):	7.60
VC(P=0.99):	9.99
VC(P=0.99865):	13.23
Max VC :	29.63
Mean VC :	4.24
STDV VC :	1.81
N(Total):	199990
N(VC>10):	1984
N(VC>20):	20
N(VC>30):	0
N(VC>40):	0

Season: Winter
Time delta: 60 minutes
Height domain: All heights
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	7.77
VC(P=0.9):	11.35
VC(P=0.95):	12.92
VC(P=0.99):	16.94
VC(P=0.99865):	22.77
Max VC :	31.68
Mean VC :	8.26
STDV VC :	2.52
N(Total):	229587
N(VC>10):	42578
N(VC>20):	779
N(VC>30):	11
N(VC>40):	0

Season: Winter
Time delta: 60 minutes
Height domain: < 4 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.45
VC(P=0.9):	6.68
VC(P=0.95):	8.12
VC(P=0.99):	11.73
VC(P=0.99865):	17.17
Max VC :	31.68
Mean VC :	3.98
STDV VC :	2.19
N(Total):	229587
N(VC>10):	4861
N(VC>20):	140
N(VC>30):	2
N(VC>40):	0

Season: Winter
Time delta: 60 minutes
Height domain: 4-6 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.66
VC(P=0.9):	6.70
VC(P=0.95):	8.10
VC(P=0.99):	11.86
VC(P=0.99865):	17.40
Max VC :	29.11
Mean VC :	4.16
STDV VC :	2.11
N(Total):	229587
N(VC>10):	4952
N(VC>20):	138
N(VC>30):	0
N(VC>40):	0

Season: Winter
Time delta: 60 minutes
Height domain: 6-8 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	4.01
VC(P=0.9):	7.27
VC(P=0.95):	8.81
VC(P=0.99):	12.94
VC(P=0.99865):	19.03
Max VC :	30.27
Mean VC :	4.55
STDV VC :	2.28
N(Total):	229587
N(VC>10):	7029
N(VC>20):	234
N(VC>30):	4
N(VC>40):	0

Season: Winter
Time delta: 60 minutes
Height domain: 8-10 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	4.52
VC(P=0.9):	7.87
VC(P=0.95):	9.40
VC(P=0.99):	13.45
VC(P=0.99865):	18.78
Max VC :	30.38
Mean VC :	5.04
STDV VC :	2.33
N(Total):	229587
N(VC>10):	8879
N(VC>20):	205
N(VC>30):	1
N(VC>40):	0

Season: Winter
Time delta: 60 minutes
Height domain: 10-12 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	5.26
VC(P=0.9):	8.49
VC(P=0.95):	9.91
VC(P=0.99):	13.60
VC(P=0.99865):	18.04
Max VC :	30.63
Mean VC :	5.68
STDV VC :	2.28
N(Total):	229587
N(VC>10):	11002
N(VC>20):	131
N(VC>30):	1
N(VC>40):	0

Season: Winter
Time delta: 60 minutes
Height domain: 12-14 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	5.58
VC(P=0.9):	8.47
VC(P=0.95):	9.60
VC(P=0.99):	12.28
VC(P=0.99865):	16.18
Max VC :	31.16
Mean VC :	5.90
STDV VC :	2.02
N(Total):	229587
N(VC>10):	8843
N(VC>20):	51
N(VC>30):	3
N(VC>40):	0

Season: Winter
Time delta: 60 minutes
Height domain: 14-16 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	5.51
VC(P=0.9):	8.26
VC(P=0.95):	9.30
VC(P=0.99):	11.78
VC(P=0.99865):	14.88
Max VC :	26.96
Mean VC :	5.81
STDV VC :	1.90
N(Total):	229587
N(VC>10):	7223
N(VC>20):	9
N(VC>30):	0
N(VC>40):	0

Season: Winter
Time delta: 60 minutes
Height domain: 16-18 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	5.55
VC(P=0.9):	8.24
VC(P=0.95):	9.25
VC(P=0.99):	11.54
VC(P=0.99865):	14.66
Max VC :	29.60
Mean VC :	5.83
STDV VC :	1.86
N(Total):	229587
N(VC>10):	6757
N(VC>20):	8
N(VC>30):	0
N(VC>40):	0

Season: Winter
Time delta: 60 minutes
Height domain: > 18 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	4.32
VC(P=0.9):	7.06
VC(P=0.95):	8.10
VC(P=0.99):	10.50
VC(P=0.99865):	13.50
Max VC :	26.97
Mean VC :	4.62
STDV VC :	1.88
N(Total):	229587
N(VC>10):	3162
N(VC>20):	20
N(VC>30):	0
N(VC>40):	0

Season: Winter
Time delta: 75 minutes
Height domain: All heights
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	8.35
VC(P=0.9):	12.24
VC(P=0.95):	13.98
VC(P=0.99):	18.33
VC(P=0.99865):	24.97
Max VC :	36.18
Mean VC :	8.89
STDV VC :	2.74
N(Total):	214627
N(VC>10):	55165
N(VC>20):	1215
N(VC>30):	41
N(VC>40):	0

Season: Winter
Time delta: 75 minutes
Height domain: < 4 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.73
VC(P=0.9):	7.12
VC(P=0.95):	8.62
VC(P=0.99):	12.42
VC(P=0.99865):	17.81
Max VC :	33.33
Mean VC :	4.27
STDV VC :	2.32
N(Total):	214627
N(VC>10):	5848
N(VC>20):	156
N(VC>30):	8
N(VC>40):	0

Season: Winter
Time delta: 75 minutes
Height domain: 4-6 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	4.02
VC(P=0.9):	7.34
VC(P=0.95):	8.87
VC(P=0.99):	12.96
VC(P=0.99865):	18.95
Max VC :	33.70
Mean VC :	4.57
STDV VC :	2.30
N(Total):	214627
N(VC>10):	6584
N(VC>20):	208
N(VC>30):	10
N(VC>40):	0

Season: Winter
Time delta: 75 minutes
Height domain: 6-8 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	4.42
VC(P=0.9):	8.02
VC(P=0.95):	9.71
VC(P=0.99):	14.31
VC(P=0.99865):	20.75
Max VC :	36.18
Mean VC :	5.02
STDV VC :	2.51
N(Total):	214627
N(VC>10):	9631
N(VC>20):	344
N(VC>30):	11
N(VC>40):	0

Season: Winter
Time delta: 75 minutes
Height domain: 8-10 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	4.99
VC(P=0.9):	8.73
VC(P=0.95):	10.43
VC(P=0.99):	14.92
VC(P=0.99865):	20.93
Max VC :	35.33
Mean VC :	5.56
STDV VC :	2.60
N(Total):	214627
N(VC>10):	12775
N(VC>20):	388
N(VC>30):	6
N(VC>40):	0

Season: Winter
Time delta: 75 minutes
Height domain: 10-12 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	5.74
VC(P=0.9):	9.36
VC(P=0.95):	10.97
VC(P=0.99):	15.11
VC(P=0.99865):	19.90
Max VC :	34.64
Mean VC :	6.23
STDV VC :	2.55
N(Total):	214627
N(VC>10):	16193
N(VC>20):	278
N(VC>30):	6
N(VC>40):	0

Season: Winter
Time delta: 75 minutes
Height domain: 12-14 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	6.03
VC(P=0.9):	9.15
VC(P=0.95):	10.36
VC(P=0.99):	13.31
VC(P=0.99865):	17.45
Max VC :	32.42
Mean VC :	6.37
STDV VC :	2.18
N(Total):	214627
N(VC>10):	13155
N(VC>20):	88
N(VC>30):	2
N(VC>40):	0

Season: Winter
Time delta: 75 minutes
Height domain: 14-16 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	5.91
VC(P=0.9):	8.82
VC(P=0.95):	9.94
VC(P=0.99):	12.52
VC(P=0.99865):	15.94
Max VC :	28.73
Mean VC :	6.22
STDV VC :	2.02
N(Total):	214627
N(VC>10):	10313
N(VC>20):	32
N(VC>30):	0
N(VC>40):	0

Season: Winter
Time delta: 75 minutes
Height domain: 16-18 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	5.94
VC(P=0.9):	8.75
VC(P=0.95):	9.80
VC(P=0.99):	12.15
VC(P=0.99865):	15.30
Max VC :	25.92
Mean VC :	6.22
STDV VC :	1.95
N(Total):	214627
N(VC>10):	9402
N(VC>20):	12
N(VC>30):	0
N(VC>40):	0

Season: Winter
Time delta: 75 minutes
Height domain: > 18 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	4.63
VC(P=0.9):	7.48
VC(P=0.95):	8.55
VC(P=0.99):	10.99
VC(P=0.99865):	14.03
Max VC :	27.60
Mean VC :	4.93
STDV VC :	1.96
N(Total):	214627
N(VC>10):	4075
N(VC>20):	15
N(VC>30):	0
N(VC>40):	0

Season: Winter
Time delta: 90 minutes
Height domain: All heights
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	8.89
VC(P=0.9):	13.12
VC(P=0.95):	15.01
VC(P=0.99):	19.86
VC(P=0.99865):	27.04
Max VC :	37.97
Mean VC :	9.49
STDV VC :	2.97
N(Total):	184370
N(VC>10):	61359
N(VC>20):	1769
N(VC>30):	107
N(VC>40):	0

Season: Winter
Time delta: 90 minutes
Height domain: < 4 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.97
VC(P=0.9):	7.51
VC(P=0.95):	9.08
VC(P=0.99):	13.11
VC(P=0.99865):	18.55
Max VC :	35.10
Mean VC :	4.52
STDV VC :	2.43
N(Total):	184370
N(VC>10):	6282
N(VC>20):	156
N(VC>30):	14
N(VC>40):	0

Season: Winter
Time delta: 90 minutes
Height domain: 4-6 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	4.37
VC(P=0.9):	7.90
VC(P=0.95):	9.53
VC(P=0.99):	14.03
VC(P=0.99865):	20.97
Max VC :	34.51
Mean VC :	4.95
STDV VC :	2.48
N(Total):	184370
N(VC>10):	7629
N(VC>20):	313
N(VC>30):	21
N(VC>40):	0

Season: Winter
Time delta: 90 minutes
Height domain: 6-8 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	4.82
VC(P=0.9):	8.71
VC(P=0.95):	10.52
VC(P=0.99):	15.64
VC(P=0.99865):	23.07
Max VC :	37.97
Mean VC :	5.46
STDV VC :	2.75
N(Total):	184370
N(VC>10):	11128
N(VC>20):	518
N(VC>30):	63
N(VC>40):	0

Season: Winter
Time delta: 90 minutes
Height domain: 8-10 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	5.43
VC(P=0.9):	9.55
VC(P=0.95):	11.44
VC(P=0.99):	16.29
VC(P=0.99865):	22.88
Max VC :	36.81
Mean VC :	6.06
STDV VC :	2.86
N(Total):	184370
N(VC>10):	15509
N(VC>20):	580
N(VC>30):	14
N(VC>40):	0

Season: Winter
Time delta: 90 minutes
Height domain: 10-12 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	6.20
VC(P=0.9):	10.17
VC(P=0.95):	11.96
VC(P=0.99):	16.47
VC(P=0.99865):	21.78
Max VC :	33.79
Mean VC :	6.74
STDV VC :	2.78
N(Total):	184370
N(VC>10):	19731
N(VC>20):	515
N(VC>30):	4
N(VC>40):	0

Season: Winter
Time delta: 90 minutes
Height domain: 12-14 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	6.44
VC(P=0.9):	9.80
VC(P=0.95):	11.09
VC(P=0.99):	14.33
VC(P=0.99865):	18.89
Max VC :	32.88
Mean VC :	6.82
STDV VC :	2.34
N(Total):	184370
N(VC>10):	16477
N(VC>20):	151
N(VC>30):	2
N(VC>40):	0

Season: Winter
Time delta: 90 minutes
Height domain: 14-16 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	6.28
VC(P=0.9):	9.39
VC(P=0.95):	10.53
VC(P=0.99):	13.26
VC(P=0.99865):	16.73
Max VC :	28.08
Mean VC :	6.61
STDV VC :	2.14
N(Total):	184370
N(VC>10):	12811
N(VC>20):	42
N(VC>30):	0
N(VC>40):	0

Season: Winter
Time delta: 90 minutes
Height domain: 16-18 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	6.31
VC(P=0.9):	9.27
VC(P=0.95):	10.35
VC(P=0.99):	12.73
VC(P=0.99865):	15.65
Max VC :	24.03
Mean VC :	6.60
STDV VC :	2.04
N(Total):	184370
N(VC>10):	11610
N(VC>20):	25
N(VC>30):	0
N(VC>40):	0

Season: Winter
Time delta: 90 minutes
Height domain: > 18 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	4.92
VC(P=0.9):	7.87
VC(P=0.95):	8.97
VC(P=0.99):	11.52
VC(P=0.99865):	14.37
Max VC :	26.36
Mean VC :	5.22
STDV VC :	2.04
N(Total):	184370
N(VC>10):	4743
N(VC>20):	14
N(VC>30):	0
N(VC>40):	0

Season: Winter
Time delta: 120 minutes
Height domain: All heights
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	9.64
VC(P=0.9):	14.31
VC(P=0.95):	16.53
VC(P=0.99):	22.58
VC(P=0.99865):	31.50
Max VC :	48.63
Mean VC :	10.35
STDV VC :	3.35
N(Total):	187837
N(VC>10):	83439
N(VC>20):	3573
N(VC>30):	350
N(VC>40):	32

Season: Winter
Time delta: 120 minutes
Height domain: < 4 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	4.19
VC(P=0.9):	7.80
VC(P=0.95):	9.44
VC(P=0.99):	13.56
VC(P=0.99865):	19.80
Max VC :	37.24
Mean VC :	4.74
STDV VC :	2.50
N(Total):	187837
N(VC>10):	7477
N(VC>20):	229
N(VC>30):	18
N(VC>40):	0

Season: Winter
Time delta: 120 minutes
Height domain: 4-6 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	4.77
VC(P=0.9):	8.47
VC(P=0.95):	10.27
VC(P=0.99):	15.37
VC(P=0.99865):	24.09
Max VC :	40.08
Mean VC :	5.39
STDV VC :	2.69
N(Total):	187837
N(VC>10):	10425
N(VC>20):	549
N(VC>30):	70
N(VC>40):	1

Season: Winter
Time delta: 120 minutes
Height domain: 6-8 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	5.28
VC(P=0.9):	9.39
VC(P=0.95):	11.32
VC(P=0.99):	17.13
VC(P=0.99865):	27.19
Max VC :	48.63
Mean VC :	5.97
STDV VC :	3.02
N(Total):	187837
N(VC>10):	14978
N(VC>20):	966
N(VC>30):	156
N(VC>40):	30

Season: Winter
Time delta: 120 minutes
Height domain: 8-10 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	5.93
VC(P=0.9):	10.46
VC(P=0.95):	12.75
VC(P=0.99):	18.67
VC(P=0.99865):	26.75
Max VC :	39.45
Mean VC :	6.66
STDV VC :	3.23
N(Total):	187837
N(VC>10):	21939
N(VC>20):	1363
N(VC>30):	114
N(VC>40):	0

Season: Winter
Time delta: 120 minutes
Height domain: 10-12 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	6.82
VC(P=0.9):	11.32
VC(P=0.95):	13.48
VC(P=0.99):	18.90
VC(P=0.99865):	25.12
Max VC :	40.37
Mean VC :	7.48
STDV VC :	3.17
N(Total):	187837
N(VC>10):	30031
N(VC>20):	1358
N(VC>30):	60
N(VC>40):	1

Season: Winter
Time delta: 120 minutes
Height domain: 12-14 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	7.10
VC(P=0.9):	10.85
VC(P=0.95):	12.39
VC(P=0.99):	15.94
VC(P=0.99865):	20.89
Max VC :	36.08
Mean VC :	7.55
STDV VC :	2.61
N(Total):	187837
N(VC>10):	27785
N(VC>20):	368
N(VC>30):	16
N(VC>40):	0

Season: Winter
Time delta: 120 minutes
Height domain: 14-16 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	6.86
VC(P=0.9):	10.19
VC(P=0.95):	11.48
VC(P=0.99):	14.37
VC(P=0.99865):	18.29
Max VC :	30.84
Mean VC :	7.21
STDV VC :	2.30
N(Total):	187837
N(VC>10):	20753
N(VC>20):	89
N(VC>30):	2
N(VC>40):	0

Season: Winter
Time delta: 120 minutes
Height domain: 16-18 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	6.88
VC(P=0.9):	9.98
VC(P=0.95):	11.12
VC(P=0.99):	13.63
VC(P=0.99865):	16.78
Max VC :	25.82
Mean VC :	7.17
STDV VC :	2.15
N(Total):	187837
N(VC>10):	18555
N(VC>20):	36
N(VC>30):	0
N(VC>40):	0

Season: Winter
Time delta: 120 minutes
Height domain: > 18 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	5.38
VC(P=0.9):	8.50
VC(P=0.95):	9.63
VC(P=0.99):	12.21
VC(P=0.99865):	15.37
Max VC :	26.32
Mean VC :	5.69
STDV VC :	2.15
N(Total):	187837
N(VC>10):	7440
N(VC>20):	27
N(VC>30):	0
N(VC>40):	0

Season: Summer
Time delta: 5 minutes
Height domain: All heights
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.62
VC(P=0.9):	6.10
VC(P=0.95):	7.27
VC(P=0.99):	9.84
VC(P=0.99865):	13.29
Max VC :	26.86
Mean VC :	4.01
STDV VC :	1.67
N(Total):	123194
N(VC>10):	1112
N(VC>20):	11
N(VC>30):	0
N(VC>40):	0

Season: Summer
Time delta: 5 minutes
Height domain: < 4 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	1.60
VC(P=0.9):	3.08
VC(P=0.95):	3.90
VC(P=0.99):	6.28
VC(P=0.99865):	9.71
Max VC :	26.86
Mean VC :	1.83
STDV VC :	1.18
N(Total):	123194
N(VC>10):	143
N(VC>20):	5
N(VC>30):	0
N(VC>40):	0

Season: Summer
Time delta: 5 minutes
Height domain: 4-6 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	1.57
VC(P=0.9):	2.90
VC(P=0.95):	3.47
VC(P=0.99):	5.00
VC(P=0.99865):	7.39
Max VC :	21.83
Mean VC :	1.76
STDV VC :	0.94
N(Total):	123194
N(VC>10):	17
N(VC>20):	1
N(VC>30):	0
N(VC>40):	0

Season: Summer
Time delta: 5 minutes
Height domain: 6-8 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	1.62
VC(P=0.9):	2.96
VC(P=0.95):	3.54
VC(P=0.99):	5.15
VC(P=0.99865):	7.70
Max VC :	20.02
Mean VC :	1.81
STDV VC :	0.96
N(Total):	123194
N(VC>10):	23
N(VC>20):	1
N(VC>30):	0
N(VC>40):	0

Season: Summer
Time delta: 5 minutes
Height domain: 8-10 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	1.71
VC(P=0.9):	3.19
VC(P=0.95):	3.87
VC(P=0.99):	5.80
VC(P=0.99865):	8.73
Max VC :	19.77
Mean VC :	1.94
STDV VC :	1.06
N(Total):	123194
N(VC>10):	62
N(VC>20):	0
N(VC>30):	0
N(VC>40):	0

Season: Summer
Time delta: 5 minutes
Height domain: 10-12 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	1.84
VC(P=0.9):	3.52
VC(P=0.95):	4.33
VC(P=0.99):	6.72
VC(P=0.99865):	10.01
Max VC :	18.27
Mean VC :	2.13
STDV VC :	1.20
N(Total):	123194
N(VC>10):	167
N(VC>20):	0
N(VC>30):	0
N(VC>40):	0

Season: Summer
Time delta: 5 minutes
Height domain: 12-14 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	2.05
VC(P=0.9):	3.82
VC(P=0.95):	4.66
VC(P=0.99):	7.23
VC(P=0.99865):	10.66
Max VC :	22.98
Mean VC :	2.35
STDV VC :	1.27
N(Total):	123194
N(VC>10):	240
N(VC>20):	1
N(VC>30):	0
N(VC>40):	0

Season: Summer
Time delta: 5 minutes
Height domain: 14-16 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	2.12
VC(P=0.9):	3.75
VC(P=0.95):	4.53
VC(P=0.99):	6.75
VC(P=0.99865):	10.13
Max VC :	22.39
Mean VC :	2.38
STDV VC :	1.19
N(Total):	123194
N(VC>10):	174
N(VC>20):	2
N(VC>30):	0
N(VC>40):	0

Season: Summer
Time delta: 5 minutes
Height domain: 16-18 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	2.32
VC(P=0.9):	4.13
VC(P=0.95):	4.91
VC(P=0.99):	7.09
VC(P=0.99865):	9.98
Max VC :	15.70
Mean VC :	2.58
STDV VC :	1.26
N(Total):	123194
N(VC>10):	163
N(VC>20):	0
N(VC>30):	0
N(VC>40):	0

Season: Summer
Time delta: 5 minutes
Height domain: > 18 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	1.71
VC(P=0.9):	3.71
VC(P=0.95):	4.60
VC(P=0.99):	6.86
VC(P=0.99865):	10.03
Max VC :	20.95
Mean VC :	2.01
STDV VC :	1.38
N(Total):	123194
N(VC>10):	168
N(VC>20):	1
N(VC>30):	0
N(VC>40):	0

Season: Summer
Time delta: 10 minutes
Height domain: All heights
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	4.57
VC(P=0.9):	7.32
VC(P=0.95):	8.47
VC(P=0.99):	11.09
VC(P=0.99865):	14.25
Max VC :	26.97
Mean VC :	4.97
STDV VC :	1.81
N(Total):	136556
N(VC>10):	2649
N(VC>20):	11
N(VC>30):	0
N(VC>40):	0

Season: Summer
Time delta: 10 minutes
Height domain: < 4 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	2.01
VC(P=0.9):	3.75
VC(P=0.95):	4.64
VC(P=0.99):	7.15
VC(P=0.99865):	10.56
Max VC :	26.97
Mean VC :	2.29
STDV VC :	1.30
N(Total):	136556
N(VC>10):	247
N(VC>20):	6
N(VC>30):	0
N(VC>40):	0

Season: Summer
Time delta: 10 minutes
Height domain: 4-6 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	2.02
VC(P=0.9):	3.54
VC(P=0.95):	4.26
VC(P=0.99):	6.23
VC(P=0.99865):	9.08
Max VC :	16.71
Mean VC :	2.25
STDV VC :	1.11
N(Total):	136556
N(VC>10):	94
N(VC>20):	0
N(VC>30):	0
N(VC>40):	0

Season: Summer
Time delta: 10 minutes
Height domain: 6-8 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	2.10
VC(P=0.9):	3.69
VC(P=0.95):	4.45
VC(P=0.99):	6.55
VC(P=0.99865):	9.29
Max VC :	20.00
Mean VC :	2.34
STDV VC :	1.14
N(Total):	136556
N(VC>10):	106
N(VC>20):	0
N(VC>30):	0
N(VC>40):	0

Season: Summer
Time delta: 10 minutes
Height domain: 8-10 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	2.26
VC(P=0.9):	4.06
VC(P=0.95):	4.93
VC(P=0.99):	7.26
VC(P=0.99865):	10.04
Max VC :	21.77
Mean VC :	2.55
STDV VC :	1.27
N(Total):	136556
N(VC>10):	188
N(VC>20):	2
N(VC>30):	0
N(VC>40):	0

Season: Summer
Time delta: 10 minutes
Height domain: 10-12 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	2.48
VC(P=0.9):	4.45
VC(P=0.95):	5.41
VC(P=0.99):	7.89
VC(P=0.99865):	11.17
Max VC :	19.72
Mean VC :	2.80
STDV VC :	1.38
N(Total):	136556
N(VC>10):	367
N(VC>20):	0
N(VC>30):	0
N(VC>40):	0

Season: Summer
Time delta: 10 minutes
Height domain: 12-14 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	2.75
VC(P=0.9):	4.80
VC(P=0.95):	5.78
VC(P=0.99):	8.36
VC(P=0.99865):	11.84
Max VC :	20.28
Mean VC :	3.08
STDV VC :	1.44
N(Total):	136556
N(VC>10):	537
N(VC>20):	1
N(VC>30):	0
N(VC>40):	0

Season: Summer
Time delta: 10 minutes
Height domain: 14-16 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	2.86
VC(P=0.9):	4.72
VC(P=0.95):	5.58
VC(P=0.99):	8.00
VC(P=0.99865):	11.39
Max VC :	23.05
Mean VC :	3.14
STDV VC :	1.34
N(Total):	136556
N(VC>10):	393
N(VC>20):	2
N(VC>30):	0
N(VC>40):	0

Season: Summer
Time delta: 10 minutes
Height domain: 16-18 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.17
VC(P=0.9):	5.22
VC(P=0.95):	6.07
VC(P=0.99):	8.32
VC(P=0.99865):	11.06
Max VC :	17.50
Mean VC :	3.45
STDV VC :	1.41
N(Total):	136556
N(VC>10):	398
N(VC>20):	0
N(VC>30):	0
N(VC>40):	0

Season: Summer
Time delta: 10 minutes
Height domain: > 18 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	2.53
VC(P=0.9):	4.83
VC(P=0.95):	5.84
VC(P=0.99):	8.27
VC(P=0.99865):	11.44
Max VC :	18.94
Mean VC :	2.83
STDV VC :	1.60
N(Total):	136556
N(VC>10):	467
N(VC>20):	0
N(VC>30):	0
N(VC>40):	0

Season: Summer
Time delta: 15 minutes
Height domain: All heights
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	5.13
VC(P=0.9):	7.76
VC(P=0.95):	8.84
VC(P=0.99):	11.34
VC(P=0.99865):	14.58
Max VC :	27.50
Mean VC :	5.49
STDV VC :	1.77
N(Total):	244175
N(VC>10):	5822
N(VC>20):	20
N(VC>30):	0
N(VC>40):	0

Season: Summer
Time delta: 15 minutes
Height domain: < 4 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	2.24
VC(P=0.9):	4.05
VC(P=0.95):	4.90
VC(P=0.99):	7.07
VC(P=0.99865):	10.29
Max VC :	27.50
Mean VC :	2.51
STDV VC :	1.29
N(Total):	244175
N(VC>10):	394
N(VC>20):	4
N(VC>30):	0
N(VC>40):	0

Season: Summer
Time delta: 15 minutes
Height domain: 4-6 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	2.34
VC(P=0.9):	4.04
VC(P=0.95):	4.81
VC(P=0.99):	6.81
VC(P=0.99865):	9.61
Max VC :	18.78
Mean VC :	2.59
STDV VC :	1.19
N(Total):	244175
N(VC>10):	265
N(VC>20):	0
N(VC>30):	0
N(VC>40):	0

Season: Summer
Time delta: 15 minutes
Height domain: 6-8 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	2.41
VC(P=0.9):	4.14
VC(P=0.95):	4.96
VC(P=0.99):	7.08
VC(P=0.99865):	9.89
Max VC :	26.84
Mean VC :	2.67
STDV VC :	1.22
N(Total):	244175
N(VC>10):	300
N(VC>20):	4
N(VC>30):	0
N(VC>40):	0

Season: Summer
Time delta: 15 minutes
Height domain: 8-10 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	2.59
VC(P=0.9):	4.49
VC(P=0.95):	5.38
VC(P=0.99):	7.66
VC(P=0.99865):	10.56
Max VC :	22.42
Mean VC :	2.88
STDV VC :	1.32
N(Total):	244175
N(VC>10):	484
N(VC>20):	1
N(VC>30):	0
N(VC>40):	0

Season: Summer
Time delta: 15 minutes
Height domain: 10-12 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	2.86
VC(P=0.9):	4.89
VC(P=0.95):	5.80
VC(P=0.99):	8.09
VC(P=0.99865):	11.20
Max VC :	21.40
Mean VC :	3.16
STDV VC :	1.40
N(Total):	244175
N(VC>10):	691
N(VC>20):	2
N(VC>30):	0
N(VC>40):	0

Season: Summer
Time delta: 15 minutes
Height domain: 12-14 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.20
VC(P=0.9):	5.29
VC(P=0.95):	6.20
VC(P=0.99):	8.60
VC(P=0.99865):	11.92
Max VC :	23.80
Mean VC :	3.50
STDV VC :	1.45
N(Total):	244175
N(VC>10):	1025
N(VC>20):	6
N(VC>30):	0
N(VC>40):	0

Season: Summer
Time delta: 15 minutes
Height domain: 14-16 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.36
VC(P=0.9):	5.32
VC(P=0.95):	6.15
VC(P=0.99):	8.32
VC(P=0.99865):	11.34
Max VC :	23.12
Mean VC :	3.62
STDV VC :	1.37
N(Total):	244175
N(VC>10):	751
N(VC>20):	5
N(VC>30):	0
N(VC>40):	0

Season: Summer
Time delta: 15 minutes
Height domain: 16-18 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.79
VC(P=0.9):	5.93
VC(P=0.95):	6.80
VC(P=0.99):	8.91
VC(P=0.99865):	11.46
Max VC :	18.51
Mean VC :	4.05
STDV VC :	1.47
N(Total):	244175
N(VC>10):	1094
N(VC>20):	0
N(VC>30):	0
N(VC>40):	0

Season: Summer
Time delta: 15 minutes
Height domain: > 18 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.18
VC(P=0.9):	5.63
VC(P=0.95):	6.64
VC(P=0.99):	9.09
VC(P=0.99865):	12.12
Max VC :	19.76
Mean VC :	3.48
STDV VC :	1.69
N(Total):	244175
N(VC>10):	1321
N(VC>20):	0
N(VC>30):	0
N(VC>40):	0

Season: Summer
Time delta: 20 minutes
Height domain: All heights
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	5.59
VC(P=0.9):	8.57
VC(P=0.95):	9.77
VC(P=0.99):	12.39
VC(P=0.99865):	15.53
Max VC :	27.64
Mean VC :	5.99
STDV VC :	1.96
N(Total):	109279
N(VC>10):	4736
N(VC>20):	14
N(VC>30):	0
N(VC>40):	0

Season: Summer
Time delta: 20 minutes
Height domain: < 4 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	2.41
VC(P=0.9):	4.31
VC(P=0.95):	5.28
VC(P=0.99):	7.84
VC(P=0.99865):	11.19
Max VC :	27.64
Mean VC :	2.70
STDV VC :	1.39
N(Total):	109279
N(VC>10):	310
N(VC>20):	3
N(VC>30):	0
N(VC>40):	0

Season: Summer
Time delta: 20 minutes
Height domain: 4-6 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	2.52
VC(P=0.9):	4.30
VC(P=0.95):	5.20
VC(P=0.99):	7.62
VC(P=0.99865):	10.86
Max VC :	16.63
Mean VC :	2.79
STDV VC :	1.31
N(Total):	109279
N(VC>10):	258
N(VC>20):	0
N(VC>30):	0
N(VC>40):	0

Season: Summer
Time delta: 20 minutes
Height domain: 6-8 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	2.65
VC(P=0.9):	4.62
VC(P=0.95):	5.61
VC(P=0.99):	7.90
VC(P=0.99865):	10.78
Max VC :	23.67
Mean VC :	2.95
STDV VC :	1.38
N(Total):	109279
N(VC>10):	247
N(VC>20):	2
N(VC>30):	0
N(VC>40):	0

Season: Summer
Time delta: 20 minutes
Height domain: 8-10 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	2.91
VC(P=0.9):	5.17
VC(P=0.95):	6.22
VC(P=0.99):	8.73
VC(P=0.99865):	12.02
Max VC :	20.74
Mean VC :	3.25
STDV VC :	1.53
N(Total):	109279
N(VC>10):	466
N(VC>20):	2
N(VC>30):	0
N(VC>40):	0

Season: Summer
Time delta: 20 minutes
Height domain: 10-12 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.20
VC(P=0.9):	5.62
VC(P=0.95):	6.74
VC(P=0.99):	9.42
VC(P=0.99865):	12.60
Max VC :	20.49
Mean VC :	3.57
STDV VC :	1.64
N(Total):	109279
N(VC>10):	766
N(VC>20):	3
N(VC>30):	0
N(VC>40):	0

Season: Summer
Time delta: 20 minutes
Height domain: 12-14 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.50
VC(P=0.9):	5.92
VC(P=0.95):	7.02
VC(P=0.99):	9.81
VC(P=0.99865):	13.24
Max VC :	23.14
Mean VC :	3.86
STDV VC :	1.66
N(Total):	109279
N(VC>10):	974
N(VC>20):	2
N(VC>30):	0
N(VC>40):	0

Season: Summer
Time delta: 20 minutes
Height domain: 14-16 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.62
VC(P=0.9):	5.82
VC(P=0.95):	6.83
VC(P=0.99):	9.32
VC(P=0.99865):	12.63
Max VC :	21.45
Mean VC :	3.93
STDV VC :	1.54
N(Total):	109279
N(VC>10):	706
N(VC>20):	2
N(VC>30):	0
N(VC>40):	0

Season: Summer
Time delta: 20 minutes
Height domain: 16-18 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.98
VC(P=0.9):	6.24
VC(P=0.95):	7.20
VC(P=0.99):	9.51
VC(P=0.99865):	12.17
Max VC :	18.76
Mean VC :	4.26
STDV VC :	1.57
N(Total):	109279
N(VC>10):	772
N(VC>20):	0
N(VC>30):	0
N(VC>40):	0

Season: Summer
Time delta: 20 minutes
Height domain: > 18 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.24
VC(P=0.9):	5.77
VC(P=0.95):	6.81
VC(P=0.99):	9.39
VC(P=0.99865):	12.46
Max VC :	19.77
Mean VC :	3.54
STDV VC :	1.77
N(Total):	109279
N(VC>10):	748
N(VC>20):	0
N(VC>30):	0
N(VC>40):	0

Season: Summer
Time delta: 25 minutes
Height domain: All heights
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	5.88
VC(P=0.9):	8.81
VC(P=0.95):	10.01
VC(P=0.99):	12.67
VC(P=0.99865):	15.96
Max VC :	26.77
Mean VC :	6.26
STDV VC :	1.96
N(Total):	123350
N(VC>10):	6200
N(VC>20):	10
N(VC>30):	0
N(VC>40):	0

Season: Summer
Time delta: 25 minutes
Height domain: < 4 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	2.49
VC(P=0.9):	4.43
VC(P=0.95):	5.39
VC(P=0.99):	7.86
VC(P=0.99865):	11.29
Max VC :	26.77
Mean VC :	2.78
STDV VC :	1.40
N(Total):	123350
N(VC>10):	351
N(VC>20):	2
N(VC>30):	0
N(VC>40):	0

Season: Summer
Time delta: 25 minutes
Height domain: 4-6 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	2.65
VC(P=0.9):	4.53
VC(P=0.95):	5.44
VC(P=0.99):	7.86
VC(P=0.99865):	11.13
Max VC :	18.43
Mean VC :	2.93
STDV VC :	1.35
N(Total):	123350
N(VC>10):	331
N(VC>20):	0
N(VC>30):	0
N(VC>40):	0

Season: Summer
Time delta: 25 minutes
Height domain: 6-8 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	2.79
VC(P=0.9):	4.85
VC(P=0.95):	5.88
VC(P=0.99):	8.21
VC(P=0.99865):	11.16
Max VC :	23.69
Mean VC :	3.10
STDV VC :	1.43
N(Total):	123350
N(VC>10):	384
N(VC>20):	4
N(VC>30):	0
N(VC>40):	0

Season: Summer
Time delta: 25 minutes
Height domain: 8-10 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.05
VC(P=0.9):	5.38
VC(P=0.95):	6.47
VC(P=0.99):	9.00
VC(P=0.99865):	12.30
Max VC :	19.13
Mean VC :	3.41
STDV VC :	1.58
N(Total):	123350
N(VC>10):	650
N(VC>20):	0
N(VC>30):	0
N(VC>40):	0

Season: Summer
Time delta: 25 minutes
Height domain: 10-12 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.37
VC(P=0.9):	5.88
VC(P=0.95):	6.97
VC(P=0.99):	9.67
VC(P=0.99865):	12.88
Max VC :	20.65
Mean VC :	3.75
STDV VC :	1.68
N(Total):	123350
N(VC>10):	986
N(VC>20):	2
N(VC>30):	0
N(VC>40):	0

Season: Summer
Time delta: 25 minutes
Height domain: 12-14 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.71
VC(P=0.9):	6.18
VC(P=0.95):	7.28
VC(P=0.99):	10.01
VC(P=0.99865):	13.39
Max VC :	23.79
Mean VC :	4.07
STDV VC :	1.69
N(Total):	123350
N(VC>10):	1244
N(VC>20):	1
N(VC>30):	0
N(VC>40):	0

Season: Summer
Time delta: 25 minutes
Height domain: 14-16 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.86
VC(P=0.9):	6.12
VC(P=0.95):	7.12
VC(P=0.99):	9.53
VC(P=0.99865):	12.86
Max VC :	22.90
Mean VC :	4.17
STDV VC :	1.57
N(Total):	123350
N(VC>10):	912
N(VC>20):	2
N(VC>30):	0
N(VC>40):	0

Season: Summer
Time delta: 25 minutes
Height domain: 16-18 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	4.26
VC(P=0.9):	6.58
VC(P=0.95):	7.54
VC(P=0.99):	9.82
VC(P=0.99865):	12.44
Max VC :	18.75
Mean VC :	4.54
STDV VC :	1.60
N(Total):	123350
N(VC>10):	1091
N(VC>20):	0
N(VC>30):	0
N(VC>40):	0

Season: Summer
Time delta: 25 minutes
Height domain: > 18 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.51
VC(P=0.9):	6.15
VC(P=0.95):	7.20
VC(P=0.99):	9.76
VC(P=0.99865):	12.91
Max VC :	19.87
Mean VC :	3.82
STDV VC :	1.83
N(Total):	123350
N(VC>10):	1050
N(VC>20):	0
N(VC>30):	0
N(VC>40):	0

Season: Summer
Time delta: 30 minutes
Height domain: All heights
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	6.10
VC(P=0.9):	8.92
VC(P=0.95):	10.06
VC(P=0.99):	12.62
VC(P=0.99865):	15.97
Max VC :	30.12
Mean VC :	6.45
STDV VC :	1.91
N(Total):	192670
N(VC>10):	9946
N(VC>20):	25
N(VC>30):	1
N(VC>40):	0

Season: Summer
Time delta: 30 minutes
Height domain: < 4 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	2.56
VC(P=0.9):	4.53
VC(P=0.95):	5.43
VC(P=0.99):	7.70
VC(P=0.99865):	11.07
Max VC :	30.12
Mean VC :	2.84
STDV VC :	1.39
N(Total):	192670
N(VC>10):	457
N(VC>20):	5
N(VC>30):	1
N(VC>40):	0

Season: Summer
Time delta: 30 minutes
Height domain: 4-6 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	2.77
VC(P=0.9):	4.72
VC(P=0.95):	5.61
VC(P=0.99):	7.91
VC(P=0.99865):	11.31
Max VC :	18.63
Mean VC :	3.06
STDV VC :	1.37
N(Total):	192670
N(VC>10):	557
N(VC>20):	0
N(VC>30):	0
N(VC>40):	0

Season: Summer
Time delta: 30 minutes
Height domain: 6-8 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	2.90
VC(P=0.9):	5.01
VC(P=0.95):	6.01
VC(P=0.99):	8.38
VC(P=0.99865):	11.47
Max VC :	26.99
Mean VC :	3.22
STDV VC :	1.45
N(Total):	192670
N(VC>10):	636
N(VC>20):	5
N(VC>30):	0
N(VC>40):	0

Season: Summer
Time delta: 30 minutes
Height domain: 8-10 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.15
VC(P=0.9):	5.47
VC(P=0.95):	6.53
VC(P=0.99):	9.05
VC(P=0.99865):	12.34
Max VC :	20.15
Mean VC :	3.51
STDV VC :	1.57
N(Total):	192670
N(VC>10):	1048
N(VC>20):	2
N(VC>30):	0
N(VC>40):	0

Season: Summer
Time delta: 30 minutes
Height domain: 10-12 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.51
VC(P=0.9):	5.96
VC(P=0.95):	7.00
VC(P=0.99):	9.50
VC(P=0.99865):	12.69
Max VC :	20.95
Mean VC :	3.86
STDV VC :	1.65
N(Total):	192670
N(VC>10):	1416
N(VC>20):	5
N(VC>30):	0
N(VC>40):	0

Season: Summer
Time delta: 30 minutes
Height domain: 12-14 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.90
VC(P=0.9):	6.33
VC(P=0.95):	7.37
VC(P=0.99):	9.91
VC(P=0.99865):	13.12
Max VC :	25.40
Mean VC :	4.23
STDV VC :	1.67
N(Total):	192670
N(VC>10):	1826
N(VC>20):	4
N(VC>30):	0
N(VC>40):	0

Season: Summer
Time delta: 30 minutes
Height domain: 14-16 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	4.08
VC(P=0.9):	6.34
VC(P=0.95):	7.27
VC(P=0.99):	9.50
VC(P=0.99865):	12.59
Max VC :	24.65
Mean VC :	4.37
STDV VC :	1.56
N(Total):	192670
N(VC>10):	1370
N(VC>20):	4
N(VC>30):	0
N(VC>40):	0

Season: Summer
Time delta: 30 minutes
Height domain: 16-18 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	4.56
VC(P=0.9):	6.94
VC(P=0.95):	7.88
VC(P=0.99):	10.09
VC(P=0.99865):	12.60
Max VC :	19.37
Mean VC :	4.84
STDV VC :	1.63
N(Total):	192670
N(VC>10):	2072
N(VC>20):	0
N(VC>30):	0
N(VC>40):	0

Season: Summer
Time delta: 30 minutes
Height domain: > 18 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.83
VC(P=0.9):	6.51
VC(P=0.95):	7.58
VC(P=0.99):	10.09
VC(P=0.99865):	13.24
Max VC :	21.04
Mean VC :	4.13
STDV VC :	1.86
N(Total):	192670
N(VC>10):	2029
N(VC>20):	4
N(VC>30):	0
N(VC>40):	0

Season: Summer
Time delta: 45 minutes
Height domain: All heights
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	6.73
VC(P=0.9):	9.66
VC(P=0.95):	10.82
VC(P=0.99):	13.50
VC(P=0.99865):	16.84
Max VC :	28.38
Mean VC :	7.08
STDV VC :	1.99
N(Total):	178965
N(VC>10):	14675
N(VC>20):	44
N(VC>30):	0
N(VC>40):	0

Season: Summer
Time delta: 45 minutes
Height domain: < 4 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	2.76
VC(P=0.9):	4.81
VC(P=0.95):	5.75
VC(P=0.99):	8.04
VC(P=0.99865):	11.46
Max VC :	27.60
Mean VC :	3.05
STDV VC :	1.45
N(Total):	178965
N(VC>10):	525
N(VC>20):	7
N(VC>30):	0
N(VC>40):	0

Season: Summer
Time delta: 45 minutes
Height domain: 4-6 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5): 3.07
VC(P=0.9): 5.17
VC(P=0.95): 6.12
VC(P=0.99): 8.52
VC(P=0.99865): 12.16
Max VC : 19.22
Mean VC : 3.37
STDV VC : 1.47
N(Total): 178965
N(VC>10): 808
N(VC>20): 0
N(VC>30): 0
N(VC>40): 0

Season: Summer
Time delta: 45 minutes
Height domain: 6-8 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.24
VC(P=0.9):	5.54
VC(P=0.95):	6.60
VC(P=0.99):	9.10
VC(P=0.99865):	12.43
Max VC :	28.38
Mean VC :	3.59
STDV VC :	1.57
N(Total):	178965
N(VC>10):	1016
N(VC>20):	3
N(VC>30):	0
N(VC>40):	0

Season: Summer
Time delta: 45 minutes
Height domain: 8-10 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.54
VC(P=0.9):	6.09
VC(P=0.95):	7.20
VC(P=0.99):	9.83
VC(P=0.99865):	13.25
Max VC :	25.50
Mean VC :	3.92
STDV VC :	1.71
N(Total):	178965
N(VC>10):	1628
N(VC>20):	8
N(VC>30):	0
N(VC>40):	0

Season: Summer
Time delta: 45 minutes
Height domain: 10-12 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.97
VC(P=0.9):	6.68
VC(P=0.95):	7.78
VC(P=0.99):	10.45
VC(P=0.99865):	13.79
Max VC :	23.35
Mean VC :	4.35
STDV VC :	1.81
N(Total):	178965
N(VC>10):	2360
N(VC>20):	6
N(VC>30):	0
N(VC>40):	0

Season: Summer
Time delta: 45 minutes
Height domain: 12-14 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	4.40
VC(P=0.9):	7.05
VC(P=0.95):	8.14
VC(P=0.99):	10.80
VC(P=0.99865):	14.24
Max VC :	25.41
Mean VC :	4.75
STDV VC :	1.81
N(Total):	178965
N(VC>10):	2829
N(VC>20):	9
N(VC>30):	0
N(VC>40):	0

Season: Summer
Time delta: 45 minutes
Height domain: 14-16 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	4.60
VC(P=0.9):	7.06
VC(P=0.95):	8.07
VC(P=0.99):	10.39
VC(P=0.99865):	13.39
Max VC :	22.21
Mean VC :	4.89
STDV VC :	1.70
N(Total):	178965
N(VC>10):	2312
N(VC>20):	3
N(VC>30):	0
N(VC>40):	0

Season: Summer
Time delta: 45 minutes
Height domain: 16-18 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	5.07
VC(P=0.9):	7.63
VC(P=0.95):	8.59
VC(P=0.99):	10.81
VC(P=0.99865):	13.44
Max VC :	22.84
Mean VC :	5.36
STDV VC :	1.74
N(Total):	178965
N(VC>10):	3232
N(VC>20):	2
N(VC>30):	0
N(VC>40):	0

Season: Summer
Time delta: 45 minutes
Height domain: > 18 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	4.24
VC(P=0.9):	7.11
VC(P=0.95):	8.22
VC(P=0.99):	10.82
VC(P=0.99865):	14.11
Max VC :	23.57
Mean VC :	4.56
STDV VC :	1.99
N(Total):	178965
N(VC>10):	2978
N(VC>20):	8
N(VC>30):	0
N(VC>40):	0

Season: Summer
Time delta: 60 minutes
Height domain: All heights
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	7.24
VC(P=0.9):	10.23
VC(P=0.95):	11.42
VC(P=0.99):	14.18
VC(P=0.99865):	17.66
Max VC :	27.81
Mean VC :	7.59
STDV VC :	2.05
N(Total):	199606
N(VC>10):	22799
N(VC>20):	91
N(VC>30):	0
N(VC>40):	0

Season: Summer
Time delta: 60 minutes
Height domain: < 4 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	2.92
VC(P=0.9):	5.03
VC(P=0.95):	5.96
VC(P=0.99):	8.30
VC(P=0.99865):	11.69
Max VC :	27.74
Mean VC :	3.21
STDV VC :	1.48
N(Total):	199606
N(VC>10):	669
N(VC>20):	4
N(VC>30):	0
N(VC>40):	0

Season: Summer
Time delta: 60 minutes
Height domain: 4-6 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.31
VC(P=0.9):	5.55
VC(P=0.95):	6.54
VC(P=0.99):	9.02
VC(P=0.99865):	12.66
Max VC :	23.56
Mean VC :	3.63
STDV VC :	1.54
N(Total):	199606
N(VC>10):	1145
N(VC>20):	3
N(VC>30):	0
N(VC>40):	0

Season: Summer
Time delta: 60 minutes
Height domain: 6-8 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.52
VC(P=0.9):	5.92
VC(P=0.95):	7.02
VC(P=0.99):	9.66
VC(P=0.99865):	12.85
Max VC :	27.81
Mean VC :	3.87
STDV VC :	1.65
N(Total):	199606
N(VC>10):	1611
N(VC>20):	6
N(VC>30):	0
N(VC>40):	0

Season: Summer
Time delta: 60 minutes
Height domain: 8-10 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.86
VC(P=0.9):	6.57
VC(P=0.95):	7.70
VC(P=0.99):	10.32
VC(P=0.99865):	14.18
Max VC :	27.24
Mean VC :	4.25
STDV VC :	1.80
N(Total):	199606
N(VC>10):	2425
N(VC>20):	14
N(VC>30):	0
N(VC>40):	0

Season: Summer
Time delta: 60 minutes
Height domain: 10-12 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	4.34
VC(P=0.9):	7.23
VC(P=0.95):	8.41
VC(P=0.99):	11.23
VC(P=0.99865):	14.74
Max VC :	24.58
Mean VC :	4.74
STDV VC :	1.95
N(Total):	199606
N(VC>10):	4047
N(VC>20):	29
N(VC>30):	0
N(VC>40):	0

Season: Summer
Time delta: 60 minutes
Height domain: 12-14 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	4.83
VC(P=0.9):	7.66
VC(P=0.95):	8.79
VC(P=0.99):	11.49
VC(P=0.99865):	15.11
Max VC :	26.02
Mean VC :	5.19
STDV VC :	1.93
N(Total):	199606
N(VC>10):	4725
N(VC>20):	29
N(VC>30):	0
N(VC>40):	0

Season: Summer
Time delta: 60 minutes
Height domain: 14-16 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	5.01
VC(P=0.9):	7.63
VC(P=0.95):	8.65
VC(P=0.99):	11.02
VC(P=0.99865):	14.09
Max VC :	24.56
Mean VC :	5.31
STDV VC :	1.79
N(Total):	199606
N(VC>10):	4015
N(VC>20):	5
N(VC>30):	0
N(VC>40):	0

Season: Summer
Time delta: 60 minutes
Height domain: 16-18 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	5.52
VC(P=0.9):	8.19
VC(P=0.95):	9.19
VC(P=0.99):	11.42
VC(P=0.99865):	14.11
Max VC :	19.98
Mean VC :	5.80
STDV VC :	1.82
N(Total):	199606
N(VC>10):	5477
N(VC>20):	0
N(VC>30):	0
N(VC>40):	0

Season: Summer
Time delta: 60 minutes
Height domain: > 18 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	4.60
VC(P=0.9):	7.60
VC(P=0.95):	8.70
VC(P=0.99):	11.30
VC(P=0.99865):	14.57
Max VC :	22.55
Mean VC :	4.91
STDV VC :	2.07
N(Total):	199606
N(VC>10):	4455
N(VC>20):	9
N(VC>30):	0
N(VC>40):	0

Season: Summer
Time delta: 75 minutes
Height domain: All heights
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	7.67
VC(P=0.9):	10.75
VC(P=0.95):	11.99
VC(P=0.99):	14.86
VC(P=0.99865):	18.77
Max VC :	29.50
Mean VC :	8.02
STDV VC :	2.14
N(Total):	189862
N(VC>10):	29049
N(VC>20):	148
N(VC>30):	0
N(VC>40):	0

Season: Summer
Time delta: 75 minutes
Height domain: < 4 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.07
VC(P=0.9):	5.25
VC(P=0.95):	6.19
VC(P=0.99):	8.49
VC(P=0.99865):	12.14
Max VC :	27.71
Mean VC :	3.36
STDV VC :	1.52
N(Total):	189862
N(VC>10):	798
N(VC>20):	6
N(VC>30):	0
N(VC>40):	0

Season: Summer
Time delta: 75 minutes
Height domain: 4-6 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.51
VC(P=0.9):	5.83
VC(P=0.95):	6.86
VC(P=0.99):	9.41
VC(P=0.99865):	13.07
Max VC :	20.26
Mean VC :	3.84
STDV VC :	1.61
N(Total):	189862
N(VC>10):	1362
N(VC>20):	1
N(VC>30):	0
N(VC>40):	0

Season: Summer
Time delta: 75 minutes
Height domain: 6-8 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.73
VC(P=0.9):	6.22
VC(P=0.95):	7.35
VC(P=0.99):	10.14
VC(P=0.99865):	13.60
Max VC :	27.60
Mean VC :	4.10
STDV VC :	1.72
N(Total):	189862
N(VC>10):	2030
N(VC>20):	18
N(VC>30):	0
N(VC>40):	0

Season: Summer
Time delta: 75 minutes
Height domain: 8-10 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	4.11
VC(P=0.9):	6.93
VC(P=0.95):	8.10
VC(P=0.99):	10.86
VC(P=0.99865):	14.88
Max VC :	29.50
Mean VC :	4.51
STDV VC :	1.90
N(Total):	189862
N(VC>10):	3117
N(VC>20):	20
N(VC>30):	0
N(VC>40):	0

Season: Summer
Time delta: 75 minutes
Height domain: 10-12 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	4.64
VC(P=0.9):	7.73
VC(P=0.95):	9.00
VC(P=0.99):	12.07
VC(P=0.99865):	16.11
Max VC :	25.62
Mean VC :	5.06
STDV VC :	2.09
N(Total):	189862
N(VC>10):	5489
N(VC>20):	37
N(VC>30):	0
N(VC>40):	0

Season: Summer
Time delta: 75 minutes
Height domain: 12-14 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	5.16
VC(P=0.9):	8.18
VC(P=0.95):	9.36
VC(P=0.99):	12.30
VC(P=0.99865):	16.30
Max VC :	26.97
Mean VC :	5.54
STDV VC :	2.07
N(Total):	189862
N(VC>10):	6543
N(VC>20):	71
N(VC>30):	0
N(VC>40):	0

Season: Summer
Time delta: 75 minutes
Height domain: 14-16 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	5.37
VC(P=0.9):	8.14
VC(P=0.95):	9.23
VC(P=0.99):	11.66
VC(P=0.99865):	14.73
Max VC :	26.22
Mean VC :	5.68
STDV VC :	1.90
N(Total):	189862
N(VC>10):	5718
N(VC>20):	13
N(VC>30):	0
N(VC>40):	0

Season: Summer
Time delta: 75 minutes
Height domain: 16-18 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	5.87
VC(P=0.9):	8.64
VC(P=0.95):	9.65
VC(P=0.99):	11.91
VC(P=0.99865):	14.51
Max VC :	19.25
Mean VC :	6.15
STDV VC :	1.89
N(Total):	189862
N(VC>10):	7412
N(VC>20):	0
N(VC>30):	0
N(VC>40):	0

Season: Summer
Time delta: 75 minutes
Height domain: > 18 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	4.86
VC(P=0.9):	7.94
VC(P=0.95):	9.07
VC(P=0.99):	11.57
VC(P=0.99865):	14.80
Max VC :	23.56
Mean VC :	5.17
STDV VC :	2.12
N(Total):	189862
N(VC>10):	5256
N(VC>20):	10
N(VC>30):	0
N(VC>40):	0

Season: Summer
Time delta: 90 minutes
Height domain: All heights
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	8.05
VC(P=0.9):	11.24
VC(P=0.95):	12.49
VC(P=0.99):	15.52
VC(P=0.99865):	19.70
Max VC :	30.47
Mean VC :	8.42
STDV VC :	2.22
N(Total):	162067
N(VC>10):	31841
N(VC>20):	198
N(VC>30):	1
N(VC>40):	0

Season: Summer
Time delta: 90 minutes
Height domain: < 4 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.19
VC(P=0.9):	5.43
VC(P=0.95):	6.37
VC(P=0.99):	8.69
VC(P=0.99865):	12.21
Max VC :	27.97
Mean VC :	3.49
STDV VC :	1.55
N(Total):	162067
N(VC>10):	710
N(VC>20):	4
N(VC>30):	0
N(VC>40):	0

Season: Summer
Time delta: 90 minutes
Height domain: 4-6 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.68
VC(P=0.9):	6.06
VC(P=0.95):	7.11
VC(P=0.99):	9.70
VC(P=0.99865):	13.69
Max VC :	23.60
Mean VC :	4.02
STDV VC :	1.66
N(Total):	162067
N(VC>10):	1380
N(VC>20):	9
N(VC>30):	0
N(VC>40):	0

Season: Summer
Time delta: 90 minutes
Height domain: 6-8 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.93
VC(P=0.9):	6.50
VC(P=0.95):	7.63
VC(P=0.99):	10.39
VC(P=0.99865):	14.12
Max VC :	28.16
Mean VC :	4.30
STDV VC :	1.77
N(Total):	162067
N(VC>10):	2027
N(VC>20):	23
N(VC>30):	0
N(VC>40):	0

Season: Summer
Time delta: 90 minutes
Height domain: 8-10 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	4.33
VC(P=0.9):	7.27
VC(P=0.95):	8.48
VC(P=0.99):	11.34
VC(P=0.99865):	15.87
Max VC :	30.47
Mean VC :	4.74
STDV VC :	1.99
N(Total):	162067
N(VC>10):	3369
N(VC>20):	42
N(VC>30):	1
N(VC>40):	0

Season: Summer
Time delta: 90 minutes
Height domain: 10-12 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	4.89
VC(P=0.9):	8.15
VC(P=0.95):	9.51
VC(P=0.99):	12.72
VC(P=0.99865):	17.14
Max VC :	28.79
Mean VC :	5.34
STDV VC :	2.21
N(Total):	162067
N(VC>10):	6356
N(VC>20):	54
N(VC>30):	0
N(VC>40):	0

Season: Summer
Time delta: 90 minutes
Height domain: 12-14 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	5.45
VC(P=0.9):	8.67
VC(P=0.95):	9.92
VC(P=0.99):	12.98
VC(P=0.99865):	16.90
Max VC :	29.41
Mean VC :	5.85
STDV VC :	2.19
N(Total):	162067
N(VC>10):	7737
N(VC>20):	80
N(VC>30):	0
N(VC>40):	0

Season: Summer
Time delta: 90 minutes
Height domain: 14-16 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	5.70
VC(P=0.9):	8.63
VC(P=0.95):	9.72
VC(P=0.99):	12.24
VC(P=0.99865):	15.44
Max VC :	25.33
Mean VC :	6.01
STDV VC :	2.00
N(Total):	162067
N(VC>10):	6754
N(VC>20):	20
N(VC>30):	0
N(VC>40):	0

Season: Summer
Time delta: 90 minutes
Height domain: 16-18 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	6.18
VC(P=0.9):	9.05
VC(P=0.95):	10.08
VC(P=0.99):	12.34
VC(P=0.99865):	15.11
Max VC :	19.72
Mean VC :	6.46
STDV VC :	1.96
N(Total):	162067
N(VC>10):	8540
N(VC>20):	0
N(VC>30):	0
N(VC>40):	0

Season: Summer
Time delta: 90 minutes
Height domain: > 18 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	5.09
VC(P=0.9):	8.25
VC(P=0.95):	9.39
VC(P=0.99):	11.91
VC(P=0.99865):	15.10
Max VC :	25.21
Mean VC :	5.40
STDV VC :	2.18
N(Total):	162067
N(VC>10):	5552
N(VC>20):	11
N(VC>30):	0
N(VC>40):	0

Season: Summer
Time delta: 120 minutes
Height domain: All heights
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	8.89
VC(P=0.9):	12.32
VC(P=0.95):	13.63
VC(P=0.99):	16.90
VC(P=0.99865):	21.70
Max VC :	32.97
Mean VC :	9.28
STDV VC :	2.39
N(Total):	149702
N(VC>10):	47151
N(VC>20):	395
N(VC>30):	12
N(VC>40):	0

Season: Summer
Time delta: 120 minutes
Height domain: < 4 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.41
VC(P=0.9):	5.79
VC(P=0.95):	6.81
VC(P=0.99):	9.24
VC(P=0.99865):	12.66
Max VC :	30.48
Mean VC :	3.72
STDV VC :	1.65
N(Total):	149702
N(VC>10):	967
N(VC>20):	7
N(VC>30):	1
N(VC>40):	0

Season: Summer
Time delta: 120 minutes
Height domain: 4-6 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	4.02
VC(P=0.9):	6.57
VC(P=0.95):	7.67
VC(P=0.99):	10.39
VC(P=0.99865):	14.50
Max VC :	25.15
Mean VC :	4.38
STDV VC :	1.77
N(Total):	149702
N(VC>10):	1868
N(VC>20):	13
N(VC>30):	0
N(VC>40):	0

Season: Summer
Time delta: 120 minutes
Height domain: 6-8 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	4.33
VC(P=0.9):	7.09
VC(P=0.95):	8.30
VC(P=0.99):	11.27
VC(P=0.99865):	15.26
Max VC :	30.35
Mean VC :	4.72
STDV VC :	1.91
N(Total):	149702
N(VC>10):	2861
N(VC>20):	15
N(VC>30):	2
N(VC>40):	0

Season: Summer
Time delta: 120 minutes
Height domain: 8-10 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	4.78
VC(P=0.9):	8.01
VC(P=0.95):	9.38
VC(P=0.99):	12.70
VC(P=0.99865):	17.85
Max VC :	27.77
Mean VC :	5.24
STDV VC :	2.21
N(Total):	149702
N(VC>10):	5541
N(VC>20):	93
N(VC>30):	0
N(VC>40):	0

Season: Summer
Time delta: 120 minutes
Height domain: 10-12 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	5.45
VC(P=0.9):	9.10
VC(P=0.95):	10.63
VC(P=0.99):	14.37
VC(P=0.99865):	19.75
Max VC :	32.90
Mean VC :	5.96
STDV VC :	2.50
N(Total):	149702
N(VC>10):	9928
N(VC>20):	182
N(VC>30):	4
N(VC>40):	0

Season: Summer
Time delta: 120 minutes
Height domain: 12-14 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	6.11
VC(P=0.9):	9.68
VC(P=0.95):	11.04
VC(P=0.99):	14.45
VC(P=0.99865):	18.40
Max VC :	32.97
Mean VC :	6.54
STDV VC :	2.43
N(Total):	149702
N(VC>10):	12764
N(VC>20):	108
N(VC>30):	9
N(VC>40):	0

Season: Summer
Time delta: 120 minutes
Height domain: 14-16 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	6.32
VC(P=0.9):	9.52
VC(P=0.95):	10.70
VC(P=0.99):	13.27
VC(P=0.99865):	16.61
Max VC :	26.45
Mean VC :	6.65
STDV VC :	2.19
N(Total):	149702
N(VC>10):	11307
N(VC>20):	38
N(VC>30):	0
N(VC>40):	0

Season: Summer
Time delta: 120 minutes
Height domain: 16-18 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	6.86
VC(P=0.9):	9.94
VC(P=0.95):	11.02
VC(P=0.99):	13.32
VC(P=0.99865):	16.02
Max VC :	23.85
Mean VC :	7.15
STDV VC :	2.11
N(Total):	149702
N(VC>10):	14384
N(VC>20):	8
N(VC>30):	0
N(VC>40):	0

Season: Summer
Time delta: 120 minutes
Height domain: > 18 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	5.64
VC(P=0.9):	8.99
VC(P=0.95):	10.20
VC(P=0.99):	12.76
VC(P=0.99865):	16.21
Max VC :	26.10
Mean VC :	5.96
STDV VC :	2.31
N(Total):	149702
N(VC>10):	8395
N(VC>20):	29
N(VC>30):	0
N(VC>40):	0

Season: Trans
Time delta: 5 minutes
Height domain: All heights
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.42
VC(P=0.9):	6.02
VC(P=0.95):	7.17
VC(P=0.99):	9.85
VC(P=0.99865):	13.75
Max VC :	28.87
Mean VC :	3.83
STDV VC :	1.74
N(Total):	124975
N(VC>10):	1131
N(VC>20):	23
N(VC>30):	0
N(VC>40):	0

Season: Trans
Time delta: 5 minutes
Height domain: < 4 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	1.61
VC(P=0.9):	3.55
VC(P=0.95):	4.80
VC(P=0.99):	7.89
VC(P=0.99865):	11.98
Max VC :	28.87
Mean VC :	1.98
STDV VC :	1.48
N(Total):	124975
N(VC>10):	407
N(VC>20):	18
N(VC>30):	0
N(VC>40):	0

Season: Trans
Time delta: 5 minutes
Height domain: 4-6 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	1.36
VC(P=0.9):	2.71
VC(P=0.95):	3.34
VC(P=0.99):	5.12
VC(P=0.99865):	7.74
Max VC :	14.15
Mean VC :	1.59
STDV VC :	0.95
N(Total):	124975
N(VC>10):	26
N(VC>20):	0
N(VC>30):	0
N(VC>40):	0

Season: Trans
Time delta: 5 minutes
Height domain: 6-8 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	1.39
VC(P=0.9):	2.70
VC(P=0.95):	3.35
VC(P=0.99):	5.18
VC(P=0.99865):	7.73
Max VC :	14.41
Mean VC :	1.61
STDV VC :	0.94
N(Total):	124975
N(VC>10):	29
N(VC>20):	0
N(VC>30):	0
N(VC>40):	0

Season: Trans
Time delta: 5 minutes
Height domain: 8-10 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	1.53
VC(P=0.9):	2.92
VC(P=0.95):	3.58
VC(P=0.99):	5.40
VC(P=0.99865):	8.22
Max VC :	19.70
Mean VC :	1.77
STDV VC :	0.99
N(Total):	124975
N(VC>10):	48
N(VC>20):	0
N(VC>30):	0
N(VC>40):	0

Season: Trans
Time delta: 5 minutes
Height domain: 10-12 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	1.76
VC(P=0.9):	3.34
VC(P=0.95):	4.06
VC(P=0.99):	6.11
VC(P=0.99865):	9.25
Max VC :	20.78
Mean VC :	2.03
STDV VC :	1.12
N(Total):	124975
N(VC>10):	114
N(VC>20):	2
N(VC>30):	0
N(VC>40):	0

Season: Trans
Time delta: 5 minutes
Height domain: 12-14 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	1.94
VC(P=0.9):	3.70
VC(P=0.95):	4.51
VC(P=0.99):	6.69
VC(P=0.99865):	9.93
Max VC :	25.06
Mean VC :	2.24
STDV VC :	1.23
N(Total):	124975
N(VC>10):	161
N(VC>20):	3
N(VC>30):	0
N(VC>40):	0

Season: Trans
Time delta: 5 minutes
Height domain: 14-16 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	1.99
VC(P=0.9):	3.70
VC(P=0.95):	4.47
VC(P=0.99):	6.47
VC(P=0.99865):	9.61
Max VC :	19.96
Mean VC :	2.27
STDV VC :	1.18
N(Total):	124975
N(VC>10):	136
N(VC>20):	0
N(VC>30):	0
N(VC>40):	0

Season: Trans
Time delta: 5 minutes
Height domain: 16-18 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	2.03
VC(P=0.9):	3.86
VC(P=0.95):	4.67
VC(P=0.99):	6.73
VC(P=0.99865):	9.75
Max VC :	16.39
Mean VC :	2.32
STDV VC :	1.24
N(Total):	124975
N(VC>10):	148
N(VC>20):	0
N(VC>30):	0
N(VC>40):	0

Season: Trans
Time delta: 5 minutes
Height domain: > 18 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	1.44
VC(P=0.9):	3.25
VC(P=0.95):	4.10
VC(P=0.99):	6.22
VC(P=0.99865):	8.98
Max VC :	15.03
Mean VC :	1.75
STDV VC :	1.22
N(Total):	124975
N(VC>10):	84
N(VC>20):	0
N(VC>30):	0
N(VC>40):	0

Season: Trans
Time delta: 10 minutes
Height domain: All heights
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	4.46
VC(P=0.9):	7.26
VC(P=0.95):	8.35
VC(P=0.99):	11.02
VC(P=0.99865):	14.73
Max VC :	29.19
Mean VC :	4.85
STDV VC :	1.86
N(Total):	140377
N(VC>10):	2524
N(VC>20):	30
N(VC>30):	0
N(VC>40):	0

Season: Trans
Time delta: 10 minutes
Height domain: < 4 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	2.09
VC(P=0.9):	4.49
VC(P=0.95):	5.71
VC(P=0.99):	8.57
VC(P=0.99865):	12.65
Max VC :	29.19
Mean VC :	2.52
STDV VC :	1.64
N(Total):	140377
N(VC>10):	666
N(VC>20):	18
N(VC>30):	0
N(VC>40):	0

Season: Trans
Time delta: 10 minutes
Height domain: 4-6 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	1.83
VC(P=0.9):	3.50
VC(P=0.95):	4.32
VC(P=0.99):	6.51
VC(P=0.99865):	9.30
Max VC :	14.60
Mean VC :	2.11
STDV VC :	1.17
N(Total):	140377
N(VC>10):	118
N(VC>20):	0
N(VC>30):	0
N(VC>40):	0

Season: Trans
Time delta: 10 minutes
Height domain: 6-8 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	1.90
VC(P=0.9):	3.54
VC(P=0.95):	4.36
VC(P=0.99):	6.56
VC(P=0.99865):	9.40
Max VC :	26.10
Mean VC :	2.18
STDV VC :	1.16
N(Total):	140377
N(VC>10):	122
N(VC>20):	1
N(VC>30):	0
N(VC>40):	0

Season: Trans
Time delta: 10 minutes
Height domain: 8-10 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	2.12
VC(P=0.9):	3.81
VC(P=0.95):	4.61
VC(P=0.99):	6.71
VC(P=0.99865):	9.73
Max VC :	19.71
Mean VC :	2.39
STDV VC :	1.19
N(Total):	140377
N(VC>10):	165
N(VC>20):	0
N(VC>30):	0
N(VC>40):	0

Season: Trans
Time delta: 10 minutes
Height domain: 10-12 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	2.45
VC(P=0.9):	4.35
VC(P=0.95):	5.20
VC(P=0.99):	7.44
VC(P=0.99865):	10.57
Max VC :	21.33
Mean VC :	2.74
STDV VC :	1.32
N(Total):	140377
N(VC>10):	254
N(VC>20):	4
N(VC>30):	0
N(VC>40):	0

Season: Trans
Time delta: 10 minutes
Height domain: 12-14 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	2.73
VC(P=0.9):	4.81
VC(P=0.95):	5.71
VC(P=0.99):	8.01
VC(P=0.99865):	11.31
Max VC :	26.52
Mean VC :	3.05
STDV VC :	1.43
N(Total):	140377
N(VC>10):	402
N(VC>20):	5
N(VC>30):	0
N(VC>40):	0

Season: Trans
Time delta: 10 minutes
Height domain: 14-16 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	2.80
VC(P=0.9):	4.80
VC(P=0.95):	5.65
VC(P=0.99):	7.86
VC(P=0.99865):	10.95
Max VC :	19.89
Mean VC :	3.10
STDV VC :	1.37
N(Total):	140377
N(VC>10):	348
N(VC>20):	0
N(VC>30):	0
N(VC>40):	0

Season: Trans
Time delta: 10 minutes
Height domain: 16-18 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	2.86
VC(P=0.9):	4.95
VC(P=0.95):	5.84
VC(P=0.99):	8.01
VC(P=0.99865):	10.96
Max VC :	20.24
Mean VC :	3.16
STDV VC :	1.41
N(Total):	140377
N(VC>10):	352
N(VC>20):	1
N(VC>30):	0
N(VC>40):	0

Season: Trans
Time delta: 10 minutes
Height domain: > 18 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	2.16
VC(P=0.9):	4.29
VC(P=0.95):	5.23
VC(P=0.99):	7.44
VC(P=0.99865):	10.10
Max VC :	23.22
Mean VC :	2.49
STDV VC :	1.43
N(Total):	140377
N(VC>10):	201
N(VC>20):	1
N(VC>30):	0
N(VC>40):	0

Season: Trans
Time delta: 15 minutes
Height domain: All heights
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	5.21
VC(P=0.9):	7.96
VC(P=0.95):	9.02
VC(P=0.99):	11.50
VC(P=0.99865):	15.07
Max VC :	30.97
Mean VC :	5.56
STDV VC :	1.86
N(Total):	259932
N(VC>10):	6804
N(VC>20):	48
N(VC>30):	1
N(VC>40):	0

Season: Trans
Time delta: 15 minutes
Height domain: < 4 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	2.31
VC(P=0.9):	4.74
VC(P=0.95):	5.90
VC(P=0.99):	8.64
VC(P=0.99865):	12.64
Max VC :	29.93
Mean VC :	2.73
STDV VC :	1.64
N(Total):	259932
N(VC>10):	1249
N(VC>20):	25
N(VC>30):	0
N(VC>40):	0

Season: Trans
Time delta: 15 minutes
Height domain: 4-6 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	2.17
VC(P=0.9):	4.04
VC(P=0.95):	4.95
VC(P=0.99):	7.26
VC(P=0.99865):	10.42
Max VC :	21.63
Mean VC :	2.49
STDV VC :	1.30
N(Total):	259932
N(VC>10):	443
N(VC>20):	1
N(VC>30):	0
N(VC>40):	0

Season: Trans
Time delta: 15 minutes
Height domain: 6-8 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	2.30
VC(P=0.9):	4.14
VC(P=0.95):	5.04
VC(P=0.99):	7.27
VC(P=0.99865):	10.09
Max VC :	27.40
Mean VC :	2.60
STDV VC :	1.28
N(Total):	259932
N(VC>10):	371
N(VC>20):	3
N(VC>30):	0
N(VC>40):	0

Season: Trans
Time delta: 15 minutes
Height domain: 8-10 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	2.59
VC(P=0.9):	4.47
VC(P=0.95):	5.32
VC(P=0.99):	7.44
VC(P=0.99865):	10.34
Max VC :	30.97
Mean VC :	2.87
STDV VC :	1.31
N(Total):	259932
N(VC>10):	436
N(VC>20):	6
N(VC>30):	1
N(VC>40):	0

Season: Trans
Time delta: 15 minutes
Height domain: 10-12 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.05
VC(P=0.9):	5.15
VC(P=0.95):	6.01
VC(P=0.99):	8.16
VC(P=0.99865):	10.90
Max VC :	24.05
Mean VC :	3.33
STDV VC :	1.43
N(Total):	259932
N(VC>10):	647
N(VC>20):	8
N(VC>30):	0
N(VC>40):	0

Season: Trans
Time delta: 15 minutes
Height domain: 12-14 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.44
VC(P=0.9):	5.74
VC(P=0.95):	6.67
VC(P=0.99):	8.91
VC(P=0.99865):	11.93
Max VC :	25.18
Mean VC :	3.75
STDV VC :	1.56
N(Total):	259932
N(VC>10):	1253
N(VC>20):	4
N(VC>30):	0
N(VC>40):	0

Season: Trans
Time delta: 15 minutes
Height domain: 14-16 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.49
VC(P=0.9):	5.68
VC(P=0.95):	6.55
VC(P=0.99):	8.73
VC(P=0.99865):	11.36
Max VC :	23.05
Mean VC :	3.78
STDV VC :	1.48
N(Total):	259932
N(VC>10):	993
N(VC>20):	2
N(VC>30):	0
N(VC>40):	0

Season: Trans
Time delta: 15 minutes
Height domain: 16-18 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.58
VC(P=0.9):	5.81
VC(P=0.95):	6.74
VC(P=0.99):	8.88
VC(P=0.99865):	11.54
Max VC :	19.18
Mean VC :	3.87
STDV VC :	1.51
N(Total):	259932
N(VC>10):	1119
N(VC>20):	0
N(VC>30):	0
N(VC>40):	0

Season: Trans
Time delta: 15 minutes
Height domain: > 18 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	2.80
VC(P=0.9):	5.11
VC(P=0.95):	6.06
VC(P=0.99):	8.40
VC(P=0.99865):	11.21
Max VC :	21.17
Mean VC :	3.12
STDV VC :	1.56
N(Total):	259932
N(VC>10):	823
N(VC>20):	1
N(VC>30):	0
N(VC>40):	0

Season: Trans
Time delta: 20 minutes
Height domain: All heights
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	5.40
VC(P=0.9):	8.33
VC(P=0.95):	9.47
VC(P=0.99):	12.20
VC(P=0.99865):	16.07
Max VC :	28.85
Mean VC :	5.79
STDV VC :	1.97
N(Total):	111382
N(VC>10):	4071
N(VC>20):	31
N(VC>30):	0
N(VC>40):	0

Season: Trans
Time delta: 20 minutes
Height domain: < 4 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	2.60
VC(P=0.9):	5.34
VC(P=0.95):	6.59
VC(P=0.99):	9.45
VC(P=0.99865):	13.99
Max VC :	28.85
Mean VC :	3.07
STDV VC :	1.81
N(Total):	111382
N(VC>10):	839
N(VC>20):	18
N(VC>30):	0
N(VC>40):	0

Season: Trans
Time delta: 20 minutes
Height domain: 4-6 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	2.38
VC(P=0.9):	4.45
VC(P=0.95):	5.48
VC(P=0.99):	8.09
VC(P=0.99865):	11.23
Max VC :	21.18
Mean VC :	2.73
STDV VC :	1.43
N(Total):	111382
N(VC>10):	320
N(VC>20):	1
N(VC>30):	0
N(VC>40):	0

Season: Trans
Time delta: 20 minutes
Height domain: 6-8 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	2.51
VC(P=0.9):	4.61
VC(P=0.95):	5.64
VC(P=0.99):	8.12
VC(P=0.99865):	11.22
Max VC :	22.98
Mean VC :	2.85
STDV VC :	1.44
N(Total):	111382
N(VC>10):	349
N(VC>20):	2
N(VC>30):	0
N(VC>40):	0

Season: Trans
Time delta: 20 minutes
Height domain: 8-10 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	2.80
VC(P=0.9):	4.94
VC(P=0.95):	5.92
VC(P=0.99):	8.30
VC(P=0.99865):	11.31
Max VC :	19.05
Mean VC :	3.12
STDV VC :	1.47
N(Total):	111382
N(VC>10):	376
N(VC>20):	0
N(VC>30):	0
N(VC>40):	0

Season: Trans
Time delta: 20 minutes
Height domain: 10-12 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.16
VC(P=0.9):	5.41
VC(P=0.95):	6.37
VC(P=0.99):	8.76
VC(P=0.99865):	11.77
Max VC :	22.02
Mean VC :	3.48
STDV VC :	1.53
N(Total):	111382
N(VC>10):	480
N(VC>20):	5
N(VC>30):	0
N(VC>40):	0

Season: Trans
Time delta: 20 minutes
Height domain: 12-14 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.45
VC(P=0.9):	5.76
VC(P=0.95):	6.72
VC(P=0.99):	9.11
VC(P=0.99865):	12.31
Max VC :	26.38
Mean VC :	3.78
STDV VC :	1.57
N(Total):	111382
N(VC>10):	630
N(VC>20):	3
N(VC>30):	0
N(VC>40):	0

Season: Trans
Time delta: 20 minutes
Height domain: 14-16 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.51
VC(P=0.9):	5.70
VC(P=0.95):	6.60
VC(P=0.99):	8.93
VC(P=0.99865):	11.86
Max VC :	27.72
Mean VC :	3.81
STDV VC :	1.50
N(Total):	111382
N(VC>10):	527
N(VC>20):	1
N(VC>30):	0
N(VC>40):	0

Season: Trans
Time delta: 20 minutes
Height domain: 16-18 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.56
VC(P=0.9):	5.76
VC(P=0.95):	6.68
VC(P=0.99):	8.89
VC(P=0.99865):	11.91
Max VC :	21.21
Mean VC :	3.86
STDV VC :	1.51
N(Total):	111382
N(VC>10):	546
N(VC>20):	1
N(VC>30):	0
N(VC>40):	0

Season: Trans
Time delta: 20 minutes
Height domain: > 18 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	2.79
VC(P=0.9):	5.06
VC(P=0.95):	6.02
VC(P=0.99):	8.38
VC(P=0.99865):	11.09
Max VC :	17.49
Mean VC :	3.09
STDV VC :	1.56
N(Total):	111382
N(VC>10):	372
N(VC>20):	0
N(VC>30):	0
N(VC>40):	0

Season: Trans
Time delta: 25 minutes
Height domain: All heights
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	5.76
VC(P=0.9):	8.70
VC(P=0.95):	9.87
VC(P=0.99):	12.57
VC(P=0.99865):	16.61
Max VC :	28.89
Mean VC :	6.14
STDV VC :	2.00
N(Total):	127238
N(VC>10):	5868
N(VC>20):	37
N(VC>30):	0
N(VC>40):	0

Season: Trans
Time delta: 25 minutes
Height domain: < 4 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	2.70
VC(P=0.9):	5.43
VC(P=0.95):	6.66
VC(P=0.99):	9.54
VC(P=0.99865):	14.02
Max VC :	28.89
Mean VC :	3.16
STDV VC :	1.81
N(Total):	127238
N(VC>10):	1005
N(VC>20):	19
N(VC>30):	0
N(VC>40):	0

Season: Trans
Time delta: 25 minutes
Height domain: 4-6 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	2.54
VC(P=0.9):	4.72
VC(P=0.95):	5.79
VC(P=0.99):	8.46
VC(P=0.99865):	11.69
Max VC :	22.27
Mean VC :	2.90
STDV VC :	1.50
N(Total):	127238
N(VC>10):	481
N(VC>20):	2
N(VC>30):	0
N(VC>40):	0

Season: Trans
Time delta: 25 minutes
Height domain: 6-8 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	2.69
VC(P=0.9):	4.93
VC(P=0.95):	5.98
VC(P=0.99):	8.57
VC(P=0.99865):	11.87
Max VC :	22.85
Mean VC :	3.05
STDV VC :	1.52
N(Total):	127238
N(VC>10):	538
N(VC>20):	2
N(VC>30):	0
N(VC>40):	0

Season: Trans
Time delta: 25 minutes
Height domain: 8-10 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.02
VC(P=0.9):	5.30
VC(P=0.95):	6.30
VC(P=0.99):	8.78
VC(P=0.99865):	12.06
Max VC :	21.40
Mean VC :	3.36
STDV VC :	1.55
N(Total):	127238
N(VC>10):	604
N(VC>20):	1
N(VC>30):	0
N(VC>40):	0

Season: Trans
Time delta: 25 minutes
Height domain: 10-12 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.45
VC(P=0.9):	5.83
VC(P=0.95):	6.82
VC(P=0.99):	9.22
VC(P=0.99865):	12.51
Max VC :	20.80
Mean VC :	3.78
STDV VC :	1.62
N(Total):	127238
N(VC>10):	748
N(VC>20):	3
N(VC>30):	0
N(VC>40):	0

Season: Trans
Time delta: 25 minutes
Height domain: 12-14 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.79
VC(P=0.9):	6.20
VC(P=0.95):	7.21
VC(P=0.99):	9.65
VC(P=0.99865):	13.05
Max VC :	26.07
Mean VC :	4.11
STDV VC :	1.66
N(Total):	127238
N(VC>10):	1026
N(VC>20):	5
N(VC>30):	0
N(VC>40):	0

Season: Trans
Time delta: 25 minutes
Height domain: 14-16 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.82
VC(P=0.9):	6.10
VC(P=0.95):	7.02
VC(P=0.99):	9.31
VC(P=0.99865):	12.18
Max VC :	27.57
Mean VC :	4.12
STDV VC :	1.56
N(Total):	127238
N(VC>10):	801
N(VC>20):	2
N(VC>30):	0
N(VC>40):	0

Season: Trans
Time delta: 25 minutes
Height domain: 16-18 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.89
VC(P=0.9):	6.18
VC(P=0.95):	7.11
VC(P=0.99):	9.36
VC(P=0.99865):	12.26
Max VC :	21.30
Mean VC :	4.18
STDV VC :	1.57
N(Total):	127238
N(VC>10):	829
N(VC>20):	2
N(VC>30):	0
N(VC>40):	0

Season: Trans
Time delta: 25 minutes
Height domain: > 18 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.07
VC(P=0.9):	5.44
VC(P=0.95):	6.41
VC(P=0.99):	8.73
VC(P=0.99865):	11.58
Max VC :	22.24
Mean VC :	3.37
STDV VC :	1.62
N(Total):	127238
N(VC>10):	547
N(VC>20):	1
N(VC>30):	0
N(VC>40):	0

Season: Trans
Time delta: 30 minutes
Height domain: All heights
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	6.15
VC(P=0.9):	9.06
VC(P=0.95):	10.20
VC(P=0.99):	12.94
VC(P=0.99865):	16.93
Max VC :	32.12
Mean VC :	6.51
STDV VC :	2.00
N(Total):	205759
N(VC>10):	11652
N(VC>20):	69
N(VC>30):	1
N(VC>40):	0

Season: Trans
Time delta: 30 minutes
Height domain: < 4 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	2.71
VC(P=0.9):	5.41
VC(P=0.95):	6.61
VC(P=0.99):	9.45
VC(P=0.99865):	13.93
Max VC :	28.92
Mean VC :	3.16
STDV VC :	1.79
N(Total):	205759
N(VC>10):	1516
N(VC>20):	27
N(VC>30):	0
N(VC>40):	0

Season: Trans
Time delta: 30 minutes
Height domain: 4-6 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	2.70
VC(P=0.9):	4.95
VC(P=0.95):	6.03
VC(P=0.99):	8.81
VC(P=0.99865):	12.41
Max VC :	22.89
Mean VC :	3.07
STDV VC :	1.56
N(Total):	205759
N(VC>10):	1073
N(VC>20):	4
N(VC>30):	0
N(VC>40):	0

Season: Trans
Time delta: 30 minutes
Height domain: 6-8 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	2.89
VC(P=0.9):	5.20
VC(P=0.95):	6.30
VC(P=0.99):	8.85
VC(P=0.99865):	12.53
Max VC :	28.64
Mean VC :	3.25
STDV VC :	1.58
N(Total):	205759
N(VC>10):	1061
N(VC>20):	8
N(VC>30):	0
N(VC>40):	0

Season: Trans
Time delta: 30 minutes
Height domain: 8-10 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.27
VC(P=0.9):	5.64
VC(P=0.95):	6.67
VC(P=0.99):	9.22
VC(P=0.99865):	12.72
Max VC :	32.12
Mean VC :	3.61
STDV VC :	1.63
N(Total):	205759
N(VC>10):	1293
N(VC>20):	15
N(VC>30):	1
N(VC>40):	0

Season: Trans
Time delta: 30 minutes
Height domain: 10-12 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.80
VC(P=0.9):	6.30
VC(P=0.95):	7.32
VC(P=0.99):	9.69
VC(P=0.99865):	13.11
Max VC :	28.68
Mean VC :	4.12
STDV VC :	1.70
N(Total):	205759
N(VC>10):	1663
N(VC>20):	5
N(VC>30):	0
N(VC>40):	0

Season: Trans
Time delta: 30 minutes
Height domain: 12-14 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	4.21
VC(P=0.9):	6.75
VC(P=0.95):	7.76
VC(P=0.99):	10.20
VC(P=0.99865):	13.38
Max VC :	26.19
Mean VC :	4.52
STDV VC :	1.74
N(Total):	205759
N(VC>10):	2354
N(VC>20):	8
N(VC>30):	0
N(VC>40):	0

Season: Trans
Time delta: 30 minutes
Height domain: 14-16 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	4.22
VC(P=0.9):	6.57
VC(P=0.95):	7.50
VC(P=0.99):	9.72
VC(P=0.99865):	12.56
Max VC :	26.00
Mean VC :	4.50
STDV VC :	1.61
N(Total):	205759
N(VC>10):	1680
N(VC>20):	1
N(VC>30):	0
N(VC>40):	0

Season: Trans
Time delta: 30 minutes
Height domain: 16-18 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5): 4.28
VC(P=0.9): 6.64
VC(P=0.95): 7.57
VC(P=0.99): 9.74
VC(P=0.99865): 12.29
Max VC : 21.22
Mean VC : 4.56
STDV VC : 1.61
N(Total): 205759
N(VC>10): 1686
N(VC>20): 2
N(VC>30): 0
N(VC>40): 0

Season: Trans
Time delta: 30 minutes
Height domain: > 18 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.40
VC(P=0.9):	5.87
VC(P=0.95):	6.87
VC(P=0.99):	9.22
VC(P=0.99865):	12.14
Max VC :	22.65
Mean VC :	3.71
STDV VC :	1.69
N(Total):	205759
N(VC>10):	1196
N(VC>20):	2
N(VC>30):	0
N(VC>40):	0

Season: Trans
Time delta: 45 minutes
Height domain: All heights
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	6.83
VC(P=0.9):	9.88
VC(P=0.95):	11.12
VC(P=0.99):	14.15
VC(P=0.99865):	18.57
Max VC :	31.33
Mean VC :	7.20
STDV VC :	2.13
N(Total):	195545
N(VC>10):	18298
N(VC>20):	136
N(VC>30):	1
N(VC>40):	0

Season: Trans
Time delta: 45 minutes
Height domain: < 4 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	2.97
VC(P=0.9):	5.74
VC(P=0.95):	6.95
VC(P=0.99):	9.90
VC(P=0.99865):	14.57
Max VC :	29.90
Mean VC :	3.42
STDV VC :	1.85
N(Total):	195545
N(VC>10):	1847
N(VC>20):	33
N(VC>30):	0
N(VC>40):	0

Season: Trans
Time delta: 45 minutes
Height domain: 4-6 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.06
VC(P=0.9):	5.54
VC(P=0.95):	6.70
VC(P=0.99):	9.75
VC(P=0.99865):	13.86
Max VC :	24.54
Mean VC :	3.47
STDV VC :	1.71
N(Total):	195545
N(VC>10):	1729
N(VC>20):	8
N(VC>30):	0
N(VC>40):	0

Season: Trans
Time delta: 45 minutes
Height domain: 6-8 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.31
VC(P=0.9):	5.90
VC(P=0.95):	7.10
VC(P=0.99):	9.98
VC(P=0.99865):	14.03
Max VC :	27.79
Mean VC :	3.72
STDV VC :	1.77
N(Total):	195545
N(VC>10):	1928
N(VC>20):	29
N(VC>30):	0
N(VC>40):	0

Season: Trans
Time delta: 45 minutes
Height domain: 8-10 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.77
VC(P=0.9):	6.48
VC(P=0.95):	7.65
VC(P=0.99):	10.53
VC(P=0.99865):	14.58
Max VC :	31.33
Mean VC :	4.16
STDV VC :	1.86
N(Total):	195545
N(VC>10):	2578
N(VC>20):	36
N(VC>30):	1
N(VC>40):	0

Season: Trans
Time delta: 45 minutes
Height domain: 10-12 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	4.36
VC(P=0.9):	7.17
VC(P=0.95):	8.32
VC(P=0.99):	11.10
VC(P=0.99865):	14.85
Max VC :	25.79
Mean VC :	4.72
STDV VC :	1.93
N(Total):	195545
N(VC>10):	3627
N(VC>20):	20
N(VC>30):	0
N(VC>40):	0

Season: Trans
Time delta: 45 minutes
Height domain: 12-14 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	4.79
VC(P=0.9):	7.54
VC(P=0.95):	8.62
VC(P=0.99):	11.20
VC(P=0.99865):	14.90
Max VC :	25.19
Mean VC :	5.11
STDV VC :	1.90
N(Total):	195545
N(VC>10):	4105
N(VC>20):	21
N(VC>30):	0
N(VC>40):	0

Season: Trans
Time delta: 45 minutes
Height domain: 14-16 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	4.74
VC(P=0.9):	7.24
VC(P=0.95):	8.20
VC(P=0.99):	10.47
VC(P=0.99865):	13.34
Max VC :	23.69
Mean VC :	5.02
STDV VC :	1.71
N(Total):	195545
N(VC>10):	2672
N(VC>20):	2
N(VC>30):	0
N(VC>40):	0

Season: Trans
Time delta: 45 minutes
Height domain: 16-18 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	4.80
VC(P=0.9):	7.27
VC(P=0.95):	8.22
VC(P=0.99):	10.40
VC(P=0.99865):	13.06
Max VC :	19.28
Mean VC :	5.07
STDV VC :	1.69
N(Total):	195545
N(VC>10):	2616
N(VC>20):	0
N(VC>30):	0
N(VC>40):	0

Season: Trans
Time delta: 45 minutes
Height domain: > 18 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.83
VC(P=0.9):	6.45
VC(P=0.95):	7.45
VC(P=0.99):	9.81
VC(P=0.99865):	12.98
Max VC :	22.70
Mean VC :	4.13
STDV VC :	1.79
N(Total):	195545
N(VC>10):	1733
N(VC>20):	3
N(VC>30):	0
N(VC>40):	0

Season: Trans
Time delta: 60 minutes
Height domain: All heights
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	7.39
VC(P=0.9):	10.59
VC(P=0.95):	11.91
VC(P=0.99):	15.22
VC(P=0.99865):	19.81
Max VC :	32.05
Mean VC :	7.78
STDV VC :	2.24
N(Total):	223358
N(VC>10):	30392
N(VC>20):	284
N(VC>30):	3
N(VC>40):	0

Season: Trans
Time delta: 60 minutes
Height domain: < 4 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.13
VC(P=0.9):	5.87
VC(P=0.95):	7.07
VC(P=0.99):	10.01
VC(P=0.99865):	14.93
Max VC :	32.05
Mean VC :	3.56
STDV VC :	1.87
N(Total):	223358
N(VC>10):	2240
N(VC>20):	43
N(VC>30):	1
N(VC>40):	0

Season: Trans
Time delta: 60 minutes
Height domain: 4-6 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.33
VC(P=0.9):	5.96
VC(P=0.95):	7.17
VC(P=0.99):	10.45
VC(P=0.99865):	15.02
Max VC :	25.35
Mean VC :	3.76
STDV VC :	1.83
N(Total):	223358
N(VC>10):	2727
N(VC>20):	28
N(VC>30):	0
N(VC>40):	0

Season: Trans
Time delta: 60 minutes
Height domain: 6-8 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.66
VC(P=0.9):	6.41
VC(P=0.95):	7.67
VC(P=0.99):	10.84
VC(P=0.99865):	15.36
Max VC :	30.36
Mean VC :	4.08
STDV VC :	1.91
N(Total):	223358
N(VC>10):	3392
N(VC>20):	47
N(VC>30):	1
N(VC>40):	0

Season: Trans
Time delta: 60 minutes
Height domain: 8-10 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	4.18
VC(P=0.9):	7.13
VC(P=0.95):	8.38
VC(P=0.99):	11.57
VC(P=0.99865):	16.30
Max VC :	30.27
Mean VC :	4.60
STDV VC :	2.03
N(Total):	223358
N(VC>10):	4735
N(VC>20):	90
N(VC>30):	1
N(VC>40):	0

Season: Trans
Time delta: 60 minutes
Height domain: 10-12 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	4.82
VC(P=0.9):	7.92
VC(P=0.95):	9.20
VC(P=0.99):	12.31
VC(P=0.99865):	16.32
Max VC :	26.66
Mean VC :	5.23
STDV VC :	2.12
N(Total):	223358
N(VC>10):	7289
N(VC>20):	64
N(VC>30):	0
N(VC>40):	0

Season: Trans
Time delta: 60 minutes
Height domain: 12-14 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	5.29
VC(P=0.9):	8.21
VC(P=0.95):	9.35
VC(P=0.99):	12.12
VC(P=0.99865):	16.07
Max VC :	28.70
Mean VC :	5.62
STDV VC :	2.03
N(Total):	223358
N(VC>10):	7627
N(VC>20):	43
N(VC>30):	0
N(VC>40):	0

Season: Trans
Time delta: 60 minutes
Height domain: 14-16 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	5.19
VC(P=0.9):	7.81
VC(P=0.95):	8.80
VC(P=0.99):	11.05
VC(P=0.99865):	14.05
Max VC :	21.25
Mean VC :	5.47
STDV VC :	1.80
N(Total):	223358
N(VC>10):	4700
N(VC>20):	3
N(VC>30):	0
N(VC>40):	0

Season: Trans
Time delta: 60 minutes
Height domain: 16-18 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	5.24
VC(P=0.9):	7.81
VC(P=0.95):	8.76
VC(P=0.99):	10.92
VC(P=0.99865):	13.61
Max VC :	20.04
Mean VC :	5.51
STDV VC :	1.76
N(Total):	223358
N(VC>10):	4422
N(VC>20):	1
N(VC>30):	0
N(VC>40):	0

Season: Trans
Time delta: 60 minutes
Height domain: > 18 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	4.20
VC(P=0.9):	6.92
VC(P=0.95):	7.97
VC(P=0.99):	10.35
VC(P=0.99865):	13.43
Max VC :	23.89
Mean VC :	4.50
STDV VC :	1.87
N(Total):	223358
N(VC>10):	2794
N(VC>20):	8
N(VC>30):	0
N(VC>40):	0

Season: Trans
Time delta: 75 minutes
Height domain: All heights
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	7.85
VC(P=0.9):	11.23
VC(P=0.95):	12.68
VC(P=0.99):	16.36
VC(P=0.99865):	21.91
Max VC :	35.14
Mean VC :	8.28
STDV VC :	2.40
N(Total):	201769
N(VC>10):	37254
N(VC>20):	539
N(VC>30):	21
N(VC>40):	0

Season: Trans
Time delta: 75 minutes
Height domain: < 4 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.32
VC(P=0.9):	6.19
VC(P=0.95):	7.42
VC(P=0.99):	10.44
VC(P=0.99865):	15.22
Max VC :	33.53
Mean VC :	3.77
STDV VC :	1.94
N(Total):	201769
N(VC>10):	2503
N(VC>20):	40
N(VC>30):	2
N(VC>40):	0

Season: Trans
Time delta: 75 minutes
Height domain: 4-6 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.60
VC(P=0.9):	6.36
VC(P=0.95):	7.62
VC(P=0.99):	11.17
VC(P=0.99865):	16.33
Max VC :	25.14
Mean VC :	4.04
STDV VC :	1.93
N(Total):	201769
N(VC>10):	3218
N(VC>20):	71
N(VC>30):	0
N(VC>40):	0

Season: Trans
Time delta: 75 minutes
Height domain: 6-8 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.97
VC(P=0.9):	6.91
VC(P=0.95):	8.21
VC(P=0.99):	11.62
VC(P=0.99865):	17.01
Max VC :	31.68
Mean VC :	4.41
STDV VC :	2.04
N(Total):	201769
N(VC>10):	4239
N(VC>20):	104
N(VC>30):	3
N(VC>40):	0

Season: Trans
Time delta: 75 minutes
Height domain: 8-10 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	4.55
VC(P=0.9):	7.72
VC(P=0.95):	9.10
VC(P=0.99):	12.55
VC(P=0.99865):	18.27
Max VC :	35.14
Mean VC :	5.00
STDV VC :	2.22
N(Total):	201769
N(VC>10):	6368
N(VC>20):	164
N(VC>30):	16
N(VC>40):	0

Season: Trans
Time delta: 75 minutes
Height domain: 10-12 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	5.23
VC(P=0.9):	8.64
VC(P=0.95):	10.05
VC(P=0.99):	13.63
VC(P=0.99865):	18.17
Max VC :	27.22
Mean VC :	5.68
STDV VC :	2.34
N(Total):	201769
N(VC>10):	10331
N(VC>20):	139
N(VC>30):	0
N(VC>40):	0

Season: Trans
Time delta: 75 minutes
Height domain: 12-14 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	5.68
VC(P=0.9):	8.82
VC(P=0.95):	10.06
VC(P=0.99):	13.10
VC(P=0.99865):	17.33
Max VC :	29.00
Mean VC :	6.05
STDV VC :	2.19
N(Total):	201769
N(VC>10):	10416
N(VC>20):	112
N(VC>30):	0
N(VC>40):	0

Season: Trans
Time delta: 75 minutes
Height domain: 14-16 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	5.53
VC(P=0.9):	8.27
VC(P=0.95):	9.29
VC(P=0.99):	11.63
VC(P=0.99865):	14.71
Max VC :	21.59
Mean VC :	5.82
STDV VC :	1.88
N(Total):	201769
N(VC>10):	6237
N(VC>20):	9
N(VC>30):	0
N(VC>40):	0

Season: Trans
Time delta: 75 minutes
Height domain: 16-18 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	5.59
VC(P=0.9):	8.23
VC(P=0.95):	9.19
VC(P=0.99):	11.27
VC(P=0.99865):	13.88
Max VC :	22.25
Mean VC :	5.85
STDV VC :	1.81
N(Total):	201769
N(VC>10):	5490
N(VC>20):	5
N(VC>30):	0
N(VC>40):	0

Season: Trans
Time delta: 75 minutes
Height domain: > 18 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	4.47
VC(P=0.9):	7.27
VC(P=0.95):	8.31
VC(P=0.99):	10.61
VC(P=0.99865):	14.17
Max VC :	23.73
Mean VC :	4.77
STDV VC :	1.92
N(Total):	201769
N(VC>10):	3079
N(VC>20):	9
N(VC>30):	0
N(VC>40):	0

Season: Trans
Time delta: 90 minutes
Height domain: All heights
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	8.30
VC(P=0.9):	11.90
VC(P=0.95):	13.48
VC(P=0.99):	17.49
VC(P=0.99865):	23.52
Max VC :	39.31
Mean VC :	8.77
STDV VC :	2.57
N(Total):	169983
N(VC>10):	41087
N(VC>20):	742
N(VC>30):	32
N(VC>40):	0

Season: Trans
Time delta: 90 minutes
Height domain: < 4 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.49
VC(P=0.9):	6.41
VC(P=0.95):	7.70
VC(P=0.99):	10.86
VC(P=0.99865):	15.80
Max VC :	26.36
Mean VC :	3.93
STDV VC :	2.00
N(Total):	169983
N(VC>10):	2558
N(VC>20):	54
N(VC>30):	0
N(VC>40):	0

Season: Trans
Time delta: 90 minutes
Height domain: 4-6 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.83
VC(P=0.9):	6.70
VC(P=0.95):	8.01
VC(P=0.99):	11.80
VC(P=0.99865):	17.39
Max VC :	28.01
Mean VC :	4.30
STDV VC :	2.03
N(Total):	169983
N(VC>10):	3385
N(VC>20):	107
N(VC>30):	0
N(VC>40):	0

Season: Trans
Time delta: 90 minutes
Height domain: 6-8 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	4.25
VC(P=0.9):	7.33
VC(P=0.95):	8.74
VC(P=0.99):	12.37
VC(P=0.99865):	18.54
Max VC :	32.81
Mean VC :	4.72
STDV VC :	2.18
N(Total):	169983
N(VC>10):	4748
N(VC>20):	150
N(VC>30):	5
N(VC>40):	0

Season: Trans
Time delta: 90 minutes
Height domain: 8-10 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	4.89
VC(P=0.9):	8.31
VC(P=0.95):	9.75
VC(P=0.99):	13.52
VC(P=0.99865):	19.85
Max VC :	39.31
Mean VC :	5.37
STDV VC :	2.39
N(Total):	169983
N(VC>10):	7530
N(VC>20):	219
N(VC>30):	27
N(VC>40):	0

Season: Trans
Time delta: 90 minutes
Height domain: 10-12 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	5.61
VC(P=0.9):	9.31
VC(P=0.95):	10.87
VC(P=0.99):	14.84
VC(P=0.99865):	20.02
Max VC :	30.11
Mean VC :	6.11
STDV VC :	2.54
N(Total):	169983
N(VC>10):	12465
N(VC>20):	231
N(VC>30):	1
N(VC>40):	0

Season: Trans
Time delta: 90 minutes
Height domain: 12-14 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	6.05
VC(P=0.9):	9.42
VC(P=0.95):	10.75
VC(P=0.99):	14.10
VC(P=0.99865):	18.61
Max VC :	31.47
Mean VC :	6.44
STDV VC :	2.35
N(Total):	169983
N(VC>10):	12543
N(VC>20):	132
N(VC>30):	2
N(VC>40):	0

Season: Trans
Time delta: 90 minutes
Height domain: 14-16 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	5.85
VC(P=0.9):	8.75
VC(P=0.95):	9.83
VC(P=0.99):	12.21
VC(P=0.99865):	15.31
Max VC :	23.21
Mean VC :	6.16
STDV VC :	1.98
N(Total):	169983
N(VC>10):	7591
N(VC>20):	24
N(VC>30):	0
N(VC>40):	0

Season: Trans
Time delta: 90 minutes
Height domain: 16-18 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	5.90
VC(P=0.9):	8.65
VC(P=0.95):	9.64
VC(P=0.99):	11.87
VC(P=0.99865):	14.58
Max VC :	21.46
Mean VC :	6.17
STDV VC :	1.88
N(Total):	169983
N(VC>10):	6529
N(VC>20):	2
N(VC>30):	0
N(VC>40):	0

Season: Trans
Time delta: 90 minutes
Height domain: > 18 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	4.72
VC(P=0.9):	7.59
VC(P=0.95):	8.64
VC(P=0.99):	10.95
VC(P=0.99865):	14.10
Max VC :	23.09
Mean VC :	5.01
STDV VC :	1.98
N(Total):	169983
N(VC>10):	3331
N(VC>20):	10
N(VC>30):	0
N(VC>40):	0

Season: Trans
Time delta: 120 minutes
Height domain: All heights
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	9.22
VC(P=0.9):	13.18
VC(P=0.95):	14.93
VC(P=0.99):	19.48
VC(P=0.99865):	25.56
Max VC :	45.99
Mean VC :	9.74
STDV VC :	2.82
N(Total):	177278
N(VC>10):	66287
N(VC>20):	1474
N(VC>30):	61
N(VC>40):	10

Season: Trans
Time delta: 120 minutes
Height domain: < 4 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	3.72
VC(P=0.9):	6.74
VC(P=0.95):	8.06
VC(P=0.99):	11.61
VC(P=0.99865):	16.63
Max VC :	30.92
Mean VC :	4.18
STDV VC :	2.11
N(Total):	177278
N(VC>10):	3531
N(VC>20):	76
N(VC>30):	1
N(VC>40):	0

Season: Trans
Time delta: 120 minutes
Height domain: 4-6 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5): 4.25
VC(P=0.9): 7.39
VC(P=0.95): 8.85
VC(P=0.99): 13.11
VC(P=0.99865): 18.91
Max VC : 31.81
Mean VC : 4.75
STDV VC : 2.24
N(Total): 177278
N(VC>10): 5258
N(VC>20): 175
N(VC>30): 2
N(VC>40): 0

Season: Trans
Time delta: 120 minutes
Height domain: 6-8 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	4.76
VC(P=0.9):	8.11
VC(P=0.95):	9.65
VC(P=0.99):	13.83
VC(P=0.99865):	20.69
Max VC :	34.00
Mean VC :	5.27
STDV VC :	2.40
N(Total):	177278
N(VC>10):	7633
N(VC>20):	294
N(VC>30):	4
N(VC>40):	0

Season: Trans
Time delta: 120 minutes
Height domain: 8-10 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	5.51
VC(P=0.9):	9.38
VC(P=0.95):	11.02
VC(P=0.99):	15.20
VC(P=0.99865):	21.71
Max VC :	45.99
Mean VC :	6.07
STDV VC :	2.68
N(Total):	177278
N(VC>10):	13598
N(VC>20):	410
N(VC>30):	39
N(VC>40):	9

Season: Trans
Time delta: 120 minutes
Height domain: 10-12 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	6.35
VC(P=0.9):	10.50
VC(P=0.95):	12.30
VC(P=0.99):	16.85
VC(P=0.99865):	22.37
Max VC :	44.96
Mean VC :	6.92
STDV VC :	2.88
N(Total):	177278
N(VC>10):	21565
N(VC>20):	596
N(VC>30):	20
N(VC>40):	2

Season: Trans
Time delta: 120 minutes
Height domain: 12-14 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	6.84
VC(P=0.9):	10.57
VC(P=0.95):	12.06
VC(P=0.99):	15.76
VC(P=0.99865):	20.72
Max VC :	31.07
Mean VC :	7.27
STDV VC :	2.60
N(Total):	177278
N(VC>10):	23005
N(VC>20):	309
N(VC>30):	4
N(VC>40):	0

Season: Trans
Time delta: 120 minutes
Height domain: 14-16 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	6.56
VC(P=0.9):	9.69
VC(P=0.95):	10.85
VC(P=0.99):	13.43
VC(P=0.99865):	16.79
Max VC :	28.86
Mean VC :	6.87
STDV VC :	2.17
N(Total):	177278
N(VC>10):	14795
N(VC>20):	54
N(VC>30):	0
N(VC>40):	0

Season: Trans
Time delta: 120 minutes
Height domain: 16-18 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	6.55
VC(P=0.9):	9.50
VC(P=0.95):	10.54
VC(P=0.99):	12.83
VC(P=0.99865):	15.44
Max VC :	21.19
Mean VC :	6.83
STDV VC :	2.01
N(Total):	177278
N(VC>10):	12781
N(VC>20):	3
N(VC>30):	0
N(VC>40):	0

Season: Trans
Time delta: 120 minutes
Height domain: > 18 km
All VC values shown are in units of m/s
All N values shown are integer counts

VC(P=0.5):	5.25
VC(P=0.9):	8.35
VC(P=0.95):	9.50
VC(P=0.99):	11.90
VC(P=0.99865):	15.02
Max VC :	24.02
Mean VC :	5.56
STDV VC :	2.12
N(Total):	177278
N(VC>10):	6436
N(VC>20):	9
N(VC>30):	0
N(VC>40):	0

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 ===== SERIES 2: SEASON INDEPENDENT VARIABLE TABLES =====

 =====

Time delta: 5 minutes

 Height domain: All heights

 All VC values shown are in units of m/s

 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	3.51	3.50	3.62	3.42
VC(P=0.9):	6.14	6.29	6.10	6.02
VC(P=0.95):	7.31	7.47	7.27	7.17
VC(P=0.99):	10.04	10.48	9.84	9.85
VC(P=0.99865):	14.02	15.16	13.29	13.75
Max VC :	29.63	29.63	26.86	28.87
Mean VC :	3.93	3.96	4.01	3.83
STDV VC :	1.77	1.88	1.67	1.74
N(Total):	377142	128973	123194	124975
N(VC>10):	3855	1612	1112	1131
N(VC>20):	91	57	11	23
N(VC>30):	0	0	0	0
N(VC>40):	0	0	0	0

Time delta: 5 minutes
 Height domain: < 4 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	1.61	1.62	1.60	1.61
VC(P=0.9):	3.38	3.55	3.08	3.55
VC(P=0.95):	4.52	4.86	3.90	4.80
VC(P=0.99):	7.57	8.25	6.28	7.89
VC(P=0.99865):	12.09	13.40	9.71	11.98
Max VC :	29.63	29.63	26.86	28.87
Mean VC :	1.94	2.00	1.83	1.98
STDV VC :	1.41	1.55	1.18	1.48
N(Total):	377142	128973	123194	124975
N(VC>10):	1166	616	143	407
N(VC>20):	61	38	5	18
N(VC>30):	0	0	0	0
N(VC>40):	0	0	0	0

Time delta: 5 minutes
 Height domain: 4-6 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	1.42	1.35	1.57	1.36
VC(P=0.9):	2.80	2.74	2.90	2.71
VC(P=0.95):	3.42	3.45	3.47	3.34
VC(P=0.99):	5.19	5.42	5.00	5.12
VC(P=0.99865):	7.84	8.22	7.39	7.74
Max VC :	21.83	15.77	21.83	14.15
Mean VC :	1.65	1.61	1.76	1.59
STDV VC :	0.96	0.99	0.94	0.95
N(Total):	377142	128973	123194	124975
N(VC>10):	75	32	17	26
N(VC>20):	1	0	1	0
N(VC>30):	0	0	0	0
N(VC>40):	0	0	0	0

Time delta: 5 minutes
 Height domain: 6-8 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	1.47	1.43	1.62	1.39
VC(P=0.9):	2.83	2.80	2.96	2.70
VC(P=0.95):	3.47	3.50	3.54	3.35
VC(P=0.99):	5.25	5.45	5.15	5.18
VC(P=0.99865):	7.95	8.21	7.70	7.73
Max VC :	20.02	14.38	20.02	14.41
Mean VC :	1.70	1.68	1.81	1.61
STDV VC :	0.96	0.98	0.96	0.94
N(Total):	377142	128973	123194	124975
N(VC>10):	96	44	23	29
N(VC>20):	1	0	1	0
N(VC>30):	0	0	0	0
N(VC>40):	0	0	0	0

Time delta: 5 minutes
 Height domain: 8-10 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	1.62	1.63	1.71	1.53
VC(P=0.9):	3.05	3.02	3.19	2.92
VC(P=0.95):	3.73	3.72	3.87	3.58
VC(P=0.99):	5.66	5.70	5.80	5.40
VC(P=0.99865):	8.56	8.60	8.73	8.22
Max VC :	26.83	26.83	19.77	19.70
Mean VC :	1.86	1.87	1.94	1.77
STDV VC :	1.03	1.02	1.06	0.99
N(Total):	377142	128973	123194	124975
N(VC>10):	190	80	62	48
N(VC>20):	1	1	0	0
N(VC>30):	0	0	0	0
N(VC>40):	0	0	0	0

Time delta: 5 minutes
 Height domain: 10-12 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	1.84	1.90	1.84	1.76
VC(P=0.9):	3.48	3.58	3.52	3.34
VC(P=0.95):	4.28	4.42	4.33	4.06
VC(P=0.99):	6.49	6.61	6.72	6.11
VC(P=0.99865):	9.84	10.10	10.01	9.25
Max VC :	26.11	26.11	18.27	20.78
Mean VC :	2.12	2.20	2.13	2.03
STDV VC :	1.18	1.20	1.20	1.12
N(Total):	377142	128973	123194	124975
N(VC>10):	465	184	167	114
N(VC>20):	4	2	0	2
N(VC>30):	0	0	0	0
N(VC>40):	0	0	0	0

Time delta: 5 minutes
 Height domain: 12-14 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	2.03	2.10	2.05	1.94
VC(P=0.9):	3.82	3.94	3.82	3.70
VC(P=0.95):	4.67	4.84	4.66	4.51
VC(P=0.99):	7.01	7.10	7.23	6.69
VC(P=0.99865):	10.41	10.56	10.66	9.93
Max VC :	25.06	23.32	22.98	25.06
Mean VC :	2.33	2.40	2.35	2.24
STDV VC :	1.27	1.29	1.27	1.23
N(Total):	377142	128973	123194	124975
N(VC>10):	628	227	240	161
N(VC>20):	10	6	1	3
N(VC>30):	0	0	0	0
N(VC>40):	0	0	0	0

Time delta: 5 minutes
 Height domain: 14-16 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	2.08	2.11	2.12	1.99
VC(P=0.9):	3.82	3.99	3.75	3.70
VC(P=0.95):	4.63	4.84	4.53	4.47
VC(P=0.99):	6.73	6.93	6.75	6.47
VC(P=0.99865):	9.95	10.17	10.13	9.61
Max VC :	26.82	26.82	22.39	19.96
Mean VC :	2.36	2.43	2.38	2.27
STDV VC :	1.22	1.28	1.19	1.18
N(Total):	377142	128973	123194	124975
N(VC>10):	492	182	174	136
N(VC>20):	6	4	2	0
N(VC>30):	0	0	0	0
N(VC>40):	0	0	0	0

Time delta: 5 minutes
 Height domain: 16-18 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	2.14	2.09	2.32	2.03
VC(P=0.9):	4.01	4.02	4.13	3.86
VC(P=0.95):	4.82	4.88	4.91	4.67
VC(P=0.99):	6.93	6.97	7.09	6.73
VC(P=0.99865):	10.00	10.17	9.98	9.75
Max VC :	26.31	26.31	15.70	16.39
Mean VC :	2.44	2.41	2.58	2.32
STDV VC :	1.27	1.30	1.26	1.24
N(Total):	377142	128973	123194	124975
N(VC>10):	509	198	163	148
N(VC>20):	3	3	0	0
N(VC>30):	0	0	0	0
N(VC>40):	0	0	0	0

Time delta: 5 minutes
 Height domain: > 18 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	1.52	1.45	1.71	1.44
VC(P=0.9):	3.42	3.24	3.71	3.25
VC(P=0.95):	4.28	4.09	4.60	4.10
VC(P=0.99):	6.47	6.24	6.86	6.22
VC(P=0.99865):	9.45	9.16	10.03	8.98
Max VC :	24.76	24.76	20.95	15.03
Mean VC :	1.84	1.77	2.01	1.75
STDV VC :	1.27	1.21	1.38	1.22
N(Total):	377142	128973	123194	124975
N(VC>10):	351	99	168	84
N(VC>20):	4	3	1	0
N(VC>30):	0	0	0	0
N(VC>40):	0	0	0	0

Time delta: 10 minutes
 Height domain: All heights
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	4.58	4.71	4.57	4.46
VC(P=0.9):	7.44	7.71	7.32	7.26
VC(P=0.95):	8.60	8.94	8.47	8.35
VC(P=0.99):	11.38	12.02	11.09	11.02
VC(P=0.99865):	15.30	16.79	14.25	14.73
Max VC :	29.37	29.37	26.97	29.19
Mean VC :	4.99	5.14	4.97	4.85
STDV VC :	1.91	2.04	1.81	1.86
N(Total):	422682	145749	136556	140377
N(VC>10):	9206	4033	2649	2524
N(VC>20):	114	73	11	30
N(VC>30):	0	0	0	0
N(VC>40):	0	0	0	0

Time delta: 10 minutes
 Height domain: < 4 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	2.10	2.21	2.01	2.09
VC(P=0.9):	4.37	4.88	3.75	4.49
VC(P=0.95):	5.60	6.26	4.64	5.71
VC(P=0.99):	8.64	9.66	7.15	8.57
VC(P=0.99865):	13.17	14.55	10.56	12.65
Max VC :	29.37	29.37	26.97	29.19
Mean VC :	2.51	2.71	2.29	2.52
STDV VC :	1.62	1.84	1.30	1.64
N(Total):	422682	145749	136556	140377
N(VC>10):	2173	1260	247	666
N(VC>20):	68	44	6	18
N(VC>30):	0	0	0	0
N(VC>40):	0	0	0	0

Time delta: 10 minutes
 Height domain: 4-6 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	1.91	1.88	2.02	1.83
VC(P=0.9):	3.57	3.67	3.54	3.50
VC(P=0.95):	4.39	4.60	4.26	4.32
VC(P=0.99):	6.61	7.02	6.23	6.51
VC(P=0.99865):	9.53	10.05	9.08	9.30
Max VC :	19.06	19.06	16.71	14.60
Mean VC :	2.19	2.20	2.25	2.11
STDV VC :	1.18	1.26	1.11	1.17
N(Total):	422682	145749	136556	140377
N(VC>10):	420	208	94	118
N(VC>20):	0	0	0	0
N(VC>30):	0	0	0	0
N(VC>40):	0	0	0	0

Time delta: 10 minutes
 Height domain: 6-8 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	2.00	2.00	2.10	1.90
VC(P=0.9):	3.67	3.78	3.69	3.54
VC(P=0.95):	4.49	4.65	4.45	4.36
VC(P=0.99):	6.74	7.08	6.55	6.56
VC(P=0.99865):	9.65	10.21	9.29	9.40
Max VC :	26.10	19.57	20.00	26.10
Mean VC :	2.28	2.31	2.34	2.18
STDV VC :	1.19	1.25	1.14	1.16
N(Total):	422682	145749	136556	140377
N(VC>10):	457	229	106	122
N(VC>20):	1	0	0	1
N(VC>30):	0	0	0	0
N(VC>40):	0	0	0	0

Time delta: 10 minutes
 Height domain: 8-10 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	2.22	2.28	2.26	2.12
VC(P=0.9):	3.98	4.07	4.06	3.81
VC(P=0.95):	4.82	4.92	4.93	4.61
VC(P=0.99):	7.09	7.24	7.26	6.71
VC(P=0.99865):	10.09	10.38	10.04	9.73
Max VC :	26.64	26.64	21.77	19.71
Mean VC :	2.50	2.57	2.55	2.39
STDV VC :	1.25	1.27	1.27	1.19
N(Total):	422682	145749	136556	140377
N(VC>10):	605	252	188	165
N(VC>20):	3	1	2	0
N(VC>30):	0	0	0	0
N(VC>40):	0	0	0	0

Time delta: 10 minutes
 Height domain: 10-12 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	2.55	2.70	2.48	2.45
VC(P=0.9):	4.52	4.73	4.45	4.35
VC(P=0.95):	5.43	5.64	5.41	5.20
VC(P=0.99):	7.80	8.01	7.89	7.44
VC(P=0.99865):	11.15	11.52	11.17	10.57
Max VC :	26.35	26.35	19.72	21.33
Mean VC :	2.85	3.01	2.80	2.74
STDV VC :	1.38	1.42	1.38	1.32
N(Total):	422682	145749	136556	140377
N(VC>10):	1065	444	367	254
N(VC>20):	7	3	0	4
N(VC>30):	0	0	0	0
N(VC>40):	0	0	0	0

Time delta: 10 minutes
 Height domain: 12-14 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	2.82	2.99	2.75	2.73
VC(P=0.9):	4.93	5.16	4.80	4.81
VC(P=0.95):	5.89	6.11	5.78	5.71
VC(P=0.99):	8.32	8.55	8.36	8.01
VC(P=0.99865):	11.70	11.96	11.84	11.31
Max VC :	26.52	23.98	20.28	26.52
Mean VC :	3.15	3.31	3.08	3.05
STDV VC :	1.46	1.51	1.44	1.43
N(Total):	422682	145749	136556	140377
N(VC>10):	1523	584	537	402
N(VC>20):	17	11	1	5
N(VC>30):	0	0	0	0
N(VC>40):	0	0	0	0

Time delta: 10 minutes
 Height domain: 14-16 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	2.90	3.04	2.86	2.80
VC(P=0.9):	4.93	5.23	4.72	4.80
VC(P=0.95):	5.82	6.15	5.58	5.65
VC(P=0.99):	8.12	8.44	8.00	7.86
VC(P=0.99865):	11.30	11.59	11.39	10.95
Max VC :	25.30	25.30	23.05	19.89
Mean VC :	3.20	3.35	3.14	3.10
STDV VC :	1.41	1.49	1.34	1.37
N(Total):	422682	145749	136556	140377
N(VC>10):	1277	536	393	348
N(VC>20):	6	4	2	0
N(VC>30):	0	0	0	0
N(VC>40):	0	0	0	0

Time delta: 10 minutes
 Height domain: 16-18 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	3.02	3.02	3.17	2.86
VC(P=0.9):	5.13	5.22	5.22	4.95
VC(P=0.95):	6.03	6.16	6.07	5.84
VC(P=0.99):	8.23	8.36	8.32	8.01
VC(P=0.99865):	11.17	11.55	11.06	10.96
Max VC :	26.55	26.55	17.50	20.24
Mean VC :	3.31	3.33	3.45	3.16
STDV VC :	1.45	1.50	1.41	1.41
N(Total):	422682	145749	136556	140377
N(VC>10):	1246	496	398	352
N(VC>20):	7	6	0	1
N(VC>30):	0	0	0	0
N(VC>40):	0	0	0	0

Time delta: 10 minutes
 Height domain: > 18 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	2.29	2.21	2.53	2.16
VC(P=0.9):	4.49	4.31	4.83	4.29
VC(P=0.95):	5.46	5.26	5.84	5.23
VC(P=0.99):	7.78	7.61	8.27	7.44
VC(P=0.99865):	10.76	10.54	11.44	10.10
Max VC :	24.74	24.74	18.94	23.22
Mean VC :	2.61	2.53	2.83	2.49
STDV VC :	1.49	1.43	1.60	1.43
N(Total):	422682	145749	136556	140377
N(VC>10):	960	292	467	201
N(VC>20):	5	4	0	1
N(VC>30):	0	0	0	0
N(VC>40):	0	0	0	0

Time delta: 15 minutes
 Height domain: All heights
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	5.30	5.57	5.13	5.21
VC(P=0.9):	8.11	8.51	7.76	7.96
VC(P=0.95):	9.22	9.68	8.84	9.02
VC(P=0.99):	11.84	12.58	11.34	11.50
VC(P=0.99865):	15.63	16.86	14.58	15.07
Max VC :	30.97	29.12	27.50	30.97
Mean VC :	5.67	5.95	5.49	5.56
STDV VC :	1.90	2.02	1.77	1.86
N(Total):	773303	269196	244175	259932
N(VC>10):	23761	11135	5822	6804
N(VC>20):	178	110	20	48
N(VC>30):	1	0	0	1
N(VC>40):	0	0	0	0

Time delta: 15 minutes
 Height domain: < 4 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	2.33	2.46	2.24	2.31
VC(P=0.9):	4.68	5.21	4.05	4.74
VC(P=0.95):	5.84	6.53	4.90	5.90
VC(P=0.99):	8.72	9.80	7.07	8.64
VC(P=0.99865):	13.10	14.72	10.29	12.64
Max VC :	29.93	29.12	27.50	29.93
Mean VC :	2.73	2.95	2.51	2.73
STDV VC :	1.64	1.87	1.29	1.64
N(Total):	773303	269196	244175	259932
N(VC>10):	4081	2438	394	1249
N(VC>20):	97	68	4	25
N(VC>30):	0	0	0	0
N(VC>40):	0	0	0	0

Time delta: 15 minutes
 Height domain: 4-6 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	2.26	2.26	2.34	2.17
VC(P=0.9):	4.12	4.28	4.04	4.04
VC(P=0.95):	5.01	5.28	4.81	4.95
VC(P=0.99):	7.37	7.84	6.81	7.26
VC(P=0.99865):	10.53	11.15	9.61	10.42
Max VC :	21.63	19.28	18.78	21.63
Mean VC :	2.56	2.60	2.59	2.49
STDV VC :	1.30	1.40	1.19	1.30
N(Total):	773303	269196	244175	259932
N(VC>10):	1434	726	265	443
N(VC>20):	1	0	0	1
N(VC>30):	0	0	0	0
N(VC>40):	0	0	0	0

Time delta: 15 minutes
 Height domain: 6-8 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	2.39	2.45	2.41	2.30
VC(P=0.9):	4.25	4.45	4.14	4.14
VC(P=0.95):	5.15	5.43	4.96	5.04
VC(P=0.99):	7.47	7.99	7.08	7.27
VC(P=0.99865):	10.54	11.35	9.89	10.09
Max VC :	27.40	23.98	26.84	27.40
Mean VC :	2.69	2.78	2.67	2.60
STDV VC :	1.31	1.41	1.22	1.28
N(Total):	773303	269196	244175	259932
N(VC>10):	1517	846	300	371
N(VC>20):	11	4	4	3
N(VC>30):	0	0	0	0
N(VC>40):	0	0	0	0

Time delta: 15 minutes
 Height domain: 8-10 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	2.66	2.80	2.59	2.59
VC(P=0.9):	4.61	4.82	4.49	4.47
VC(P=0.95):	5.49	5.74	5.38	5.32
VC(P=0.99):	7.74	8.12	7.66	7.44
VC(P=0.99865):	10.86	11.44	10.56	10.34
Max VC :	30.97	26.47	22.42	30.97
Mean VC :	2.95	3.10	2.88	2.87
STDV VC :	1.36	1.42	1.32	1.31
N(Total):	773303	269196	244175	259932
N(VC>10):	1795	875	484	436
N(VC>20):	11	4	1	6
N(VC>30):	1	0	0	1
N(VC>40):	0	0	0	0

Time delta: 15 minutes
 Height domain: 10-12 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	3.10	3.37	2.86	3.05
VC(P=0.9):	5.25	5.59	4.89	5.15
VC(P=0.95):	6.16	6.54	5.80	6.01
VC(P=0.99):	8.40	8.81	8.09	8.16
VC(P=0.99865):	11.47	12.06	11.20	10.90
Max VC :	26.46	26.46	21.40	24.05
Mean VC :	3.39	3.66	3.16	3.33
STDV VC :	1.47	1.54	1.40	1.43
N(Total):	773303	269196	244175	259932
N(VC>10):	2580	1242	691	647
N(VC>20):	18	8	2	8
N(VC>30):	0	0	0	0
N(VC>40):	0	0	0	0

Time delta: 15 minutes
 Height domain: 12-14 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	3.47	3.76	3.20	3.44
VC(P=0.9):	5.78	6.18	5.29	5.74
VC(P=0.95):	6.75	7.16	6.20	6.67
VC(P=0.99):	9.06	9.48	8.60	8.91
VC(P=0.99865):	12.18	12.60	11.92	11.93
Max VC :	25.18	23.42	23.80	25.18
Mean VC :	3.79	4.08	3.50	3.75
STDV VC :	1.57	1.63	1.45	1.56
N(Total):	773303	269196	244175	259932
N(VC>10):	4150	1872	1025	1253
N(VC>20):	21	11	6	4
N(VC>30):	0	0	0	0
N(VC>40):	0	0	0	0

Time delta: 15 minutes
 Height domain: 14-16 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	3.56	3.83	3.36	3.49
VC(P=0.9):	5.79	6.25	5.32	5.68
VC(P=0.95):	6.71	7.20	6.15	6.55
VC(P=0.99):	8.91	9.41	8.32	8.73
VC(P=0.99865):	11.76	12.29	11.34	11.36
Max VC :	26.08	26.08	23.12	23.05
Mean VC :	3.86	4.14	3.62	3.78
STDV VC :	1.51	1.62	1.37	1.48
N(Total):	773303	269196	244175	259932
N(VC>10):	3536	1792	751	993
N(VC>20):	9	2	5	2
N(VC>30):	0	0	0	0
N(VC>40):	0	0	0	0

Time delta: 15 minutes
 Height domain: 16-18 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	3.73	3.84	3.79	3.58
VC(P=0.9):	6.00	6.22	5.93	5.81
VC(P=0.95):	6.92	7.17	6.80	6.74
VC(P=0.99):	9.07	9.41	8.91	8.88
VC(P=0.99865):	11.78	12.34	11.46	11.54
Max VC :	26.55	26.55	18.51	19.18
Mean VC :	4.02	4.14	4.05	3.87
STDV VC :	1.54	1.61	1.47	1.51
N(Total):	773303	269196	244175	259932
N(VC>10):	3987	1774	1094	1119
N(VC>20):	8	8	0	0
N(VC>30):	0	0	0	0
N(VC>40):	0	0	0	0

Time delta: 15 minutes
 Height domain: > 18 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	2.94	2.87	3.18	2.80
VC(P=0.9):	5.31	5.18	5.63	5.11
VC(P=0.95):	6.31	6.19	6.64	6.06
VC(P=0.99):	8.67	8.52	9.09	8.40
VC(P=0.99865):	11.64	11.43	12.12	11.21
Max VC :	24.80	24.80	19.76	21.17
Mean VC :	3.26	3.20	3.48	3.12
STDV VC :	1.61	1.57	1.69	1.56
N(Total):	773303	269196	244175	259932
N(VC>10):	3089	945	1321	823
N(VC>20):	6	5	0	1
N(VC>30):	0	0	0	0
N(VC>40):	0	0	0	0

Time delta: 20 minutes
 Height domain: All heights
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	5.56	5.71	5.59	5.40
VC(P=0.9):	8.64	9.00	8.57	8.33
VC(P=0.95):	9.88	10.35	9.77	9.47
VC(P=0.99):	12.84	13.80	12.39	12.20
VC(P=0.99865):	17.10	18.83	15.53	16.07
Max VC :	32.37	32.37	27.64	28.85
Mean VC :	5.98	6.17	5.99	5.79
STDV VC :	2.07	2.25	1.96	1.97
N(Total):	335347	114686	109279	111382
N(VC>10):	15644	6837	4736	4071
N(VC>20):	147	102	14	31
N(VC>30):	1	1	0	0
N(VC>40):	0	0	0	0

Time delta: 20 minutes
 Height domain: < 4 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	2.60	2.84	2.41	2.60
VC(P=0.9):	5.27	6.01	4.31	5.34
VC(P=0.95):	6.55	7.45	5.28	6.59
VC(P=0.99):	9.71	11.05	7.84	9.45
VC(P=0.99865):	14.50	16.50	11.19	13.99
Max VC :	28.85	28.45	27.64	28.85
Mean VC :	3.06	3.40	2.70	3.07
STDV VC :	1.82	2.11	1.39	1.81
N(Total):	335347	114686	109279	111382
N(VC>10):	2951	1802	310	839
N(VC>20):	80	59	3	18
N(VC>30):	0	0	0	0
N(VC>40):	0	0	0	0

Time delta: 20 minutes
 Height domain: 4-6 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	2.47	2.51	2.52	2.38
VC(P=0.9):	4.55	4.91	4.30	4.45
VC(P=0.95):	5.61	6.13	5.20	5.48
VC(P=0.99):	8.31	9.02	7.62	8.09
VC(P=0.99865):	11.65	12.57	10.86	11.23
Max VC :	21.40	21.40	16.63	21.18
Mean VC :	2.82	2.93	2.79	2.73
STDV VC :	1.47	1.63	1.31	1.43
N(Total):	335347	114686	109279	111382
N(VC>10):	1253	675	258	320
N(VC>20):	3	2	0	1
N(VC>30):	0	0	0	0
N(VC>40):	0	0	0	0

Time delta: 20 minutes
 Height domain: 6-8 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	2.61	2.67	2.65	2.51
VC(P=0.9):	4.78	5.09	4.62	4.61
VC(P=0.95):	5.86	6.28	5.61	5.64
VC(P=0.99):	8.44	9.19	7.90	8.12
VC(P=0.99865):	11.83	13.05	10.78	11.22
Max VC :	32.37	32.37	23.67	22.98
Mean VC :	2.96	3.09	2.95	2.85
STDV VC :	1.50	1.65	1.38	1.44
N(Total):	335347	114686	109279	111382
N(VC>10):	1320	724	247	349
N(VC>20):	5	1	2	2
N(VC>30):	1	1	0	0
N(VC>40):	0	0	0	0

Time delta: 20 minutes
 Height domain: 8-10 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	2.90	2.98	2.91	2.80
VC(P=0.9):	5.16	5.36	5.17	4.94
VC(P=0.95):	6.20	6.45	6.22	5.92
VC(P=0.99):	8.80	9.36	8.73	8.30
VC(P=0.99865):	12.23	13.15	12.02	11.31
Max VC :	26.28	26.28	20.74	19.05
Mean VC :	3.25	3.37	3.25	3.12
STDV VC :	1.55	1.63	1.53	1.47
N(Total):	335347	114686	109279	111382
N(VC>10):	1639	797	466	376
N(VC>20):	4	2	2	0
N(VC>30):	0	0	0	0
N(VC>40):	0	0	0	0

Time delta: 20 minutes
 Height domain: 10-12 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	3.28	3.47	3.20	3.16
VC(P=0.9):	5.64	5.88	5.62	5.41
VC(P=0.95):	6.70	6.94	6.74	6.37
VC(P=0.99):	9.26	9.61	9.42	8.76
VC(P=0.99865):	12.77	13.57	12.60	11.77
Max VC :	26.57	26.57	20.49	22.02
Mean VC :	3.62	3.81	3.57	3.48
STDV VC :	1.62	1.68	1.64	1.53
N(Total):	335347	114686	109279	111382
N(VC>10):	2172	926	766	480
N(VC>20):	12	4	3	5
N(VC>30):	0	0	0	0
N(VC>40):	0	0	0	0

Time delta: 20 minutes
 Height domain: 12-14 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	3.57	3.74	3.50	3.45
VC(P=0.9):	5.95	6.16	5.92	5.76
VC(P=0.95):	6.98	7.18	7.02	6.72
VC(P=0.99):	9.57	9.79	9.81	9.11
VC(P=0.99865):	13.24	13.96	13.24	12.31
Max VC :	26.38	23.85	23.14	26.38
Mean VC :	3.91	4.07	3.86	3.78
STDV VC :	1.65	1.69	1.66	1.57
N(Total):	335347	114686	109279	111382
N(VC>10):	2611	1007	974	630
N(VC>20):	24	19	2	3
N(VC>30):	0	0	0	0
N(VC>40):	0	0	0	0

Time delta: 20 minutes
 Height domain: 14-16 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	3.63	3.76	3.62	3.51
VC(P=0.9):	5.88	6.10	5.82	5.70
VC(P=0.95):	6.84	7.06	6.83	6.60
VC(P=0.99):	9.24	9.44	9.32	8.93
VC(P=0.99865):	12.58	13.10	12.63	11.86
Max VC :	27.72	26.23	21.45	27.72
Mean VC :	3.94	4.07	3.93	3.81
STDV VC :	1.55	1.61	1.54	1.50
N(Total):	335347	114686	109279	111382
N(VC>10):	2055	822	706	527
N(VC>20):	7	4	2	1
N(VC>30):	0	0	0	0
N(VC>40):	0	0	0	0

Time delta: 20 minutes
 Height domain: 16-18 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	3.76	3.73	3.98	3.56
VC(P=0.9):	6.03	6.05	6.24	5.76
VC(P=0.95):	6.98	7.02	7.20	6.68
VC(P=0.99):	9.29	9.41	9.51	8.89
VC(P=0.99865):	12.30	13.04	12.17	11.91
Max VC :	26.55	26.55	18.76	21.21
Mean VC :	4.05	4.04	4.26	3.86
STDV VC :	1.57	1.61	1.57	1.51
N(Total):	335347	114686	109279	111382
N(VC>10):	2101	783	772	546
N(VC>20):	8	7	0	1
N(VC>30):	0	0	0	0
N(VC>40):	0	0	0	0

Time delta: 20 minutes
 Height domain: > 18 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	2.94	2.84	3.24	2.79
VC(P=0.9):	5.33	5.10	5.77	5.06
VC(P=0.95):	6.33	6.06	6.81	6.02
VC(P=0.99):	8.77	8.41	9.39	8.38
VC(P=0.99865):	11.80	11.38	12.46	11.09
Max VC :	25.02	25.02	19.77	17.49
Mean VC :	3.26	3.15	3.54	3.09
STDV VC :	1.64	1.55	1.77	1.56
N(Total):	335347	114686	109279	111382
N(VC>10):	1523	403	748	372
N(VC>20):	5	5	0	0
N(VC>30):	0	0	0	0
N(VC>40):	0	0	0	0

Time delta: 25 minutes
 Height domain: All heights
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	5.93	6.15	5.88	5.76
VC(P=0.9):	8.99	9.40	8.81	8.70
VC(P=0.95):	10.23	10.75	10.01	9.87
VC(P=0.99):	13.19	14.10	12.67	12.57
VC(P=0.99865):	17.33	18.81	15.96	16.61
Max VC :	28.89	28.71	26.77	28.89
Mean VC :	6.33	6.58	6.26	6.14
STDV VC :	2.08	2.25	1.96	2.00
N(Total):	383147	132559	123350	127238
N(VC>10):	21762	9694	6200	5868
N(VC>20):	166	119	10	37
N(VC>30):	0	0	0	0
N(VC>40):	0	0	0	0

Time delta: 25 minutes
 Height domain: < 4 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	2.70	2.95	2.49	2.70
VC(P=0.9):	5.39	6.13	4.43	5.43
VC(P=0.95):	6.67	7.60	5.39	6.66
VC(P=0.99):	9.81	11.10	7.86	9.54
VC(P=0.99865):	14.45	16.16	11.29	14.02
Max VC :	28.89	28.71	26.77	28.89
Mean VC :	3.16	3.50	2.78	3.16
STDV VC :	1.83	2.12	1.40	1.81
N(Total):	383147	132559	123350	127238
N(VC>10):	3509	2153	351	1005
N(VC>20):	82	61	2	19
N(VC>30):	0	0	0	0
N(VC>40):	0	0	0	0

Time delta: 25 minutes
 Height domain: 4-6 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	2.63	2.71	2.65	2.54
VC(P=0.9):	4.83	5.23	4.53	4.72
VC(P=0.95):	5.93	6.51	5.44	5.79
VC(P=0.99):	8.74	9.52	7.86	8.46
VC(P=0.99865):	12.25	13.27	11.13	11.69
Max VC :	22.66	22.66	18.43	22.27
Mean VC :	2.99	3.15	2.93	2.90
STDV VC :	1.54	1.71	1.35	1.50
N(Total):	383147	132559	123350	127238
N(VC>10):	1843	1031	331	481
N(VC>20):	6	4	0	2
N(VC>30):	0	0	0	0
N(VC>40):	0	0	0	0

Time delta: 25 minutes
 Height domain: 6-8 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	2.79	2.89	2.79	2.69
VC(P=0.9):	5.10	5.48	4.85	4.93
VC(P=0.95):	6.22	6.70	5.88	5.98
VC(P=0.99):	8.91	9.75	8.21	8.57
VC(P=0.99865):	12.43	13.66	11.16	11.87
Max VC :	26.43	26.43	23.69	22.85
Mean VC :	3.16	3.33	3.10	3.05
STDV VC :	1.58	1.74	1.43	1.52
N(Total):	383147	132559	123350	127238
N(VC>10):	2074	1152	384	538
N(VC>20):	12	6	4	2
N(VC>30):	0	0	0	0
N(VC>40):	0	0	0	0

Time delta: 25 minutes
 Height domain: 8-10 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	3.11	3.27	3.05	3.02
VC(P=0.9):	5.50	5.78	5.38	5.30
VC(P=0.95):	6.58	6.93	6.47	6.30
VC(P=0.99):	9.25	9.93	9.00	8.78
VC(P=0.99865):	12.88	13.71	12.30	12.06
Max VC :	26.19	26.19	19.13	21.40
Mean VC :	3.48	3.66	3.41	3.36
STDV VC :	1.63	1.73	1.58	1.55
N(Total):	383147	132559	123350	127238
N(VC>10):	2530	1276	650	604
N(VC>20):	6	5	0	1
N(VC>30):	0	0	0	0
N(VC>40):	0	0	0	0

Time delta: 25 minutes
 Height domain: 10-12 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	3.55	3.81	3.37	3.45
VC(P=0.9):	6.05	6.38	5.88	5.83
VC(P=0.95):	7.11	7.47	6.97	6.82
VC(P=0.99):	9.71	10.18	9.67	9.22
VC(P=0.99865):	13.27	14.14	12.88	12.51
Max VC :	25.93	25.93	20.65	20.80
Mean VC :	3.90	4.16	3.75	3.78
STDV VC :	1.70	1.77	1.68	1.62
N(Total):	383147	132559	123350	127238
N(VC>10):	3194	1460	986	748
N(VC>20):	16	11	2	3
N(VC>30):	0	0	0	0
N(VC>40):	0	0	0	0

Time delta: 25 minutes
 Height domain: 12-14 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	3.88	4.12	3.71	3.79
VC(P=0.9):	6.36	6.63	6.18	6.20
VC(P=0.95):	7.39	7.65	7.28	7.21
VC(P=0.99):	9.96	10.17	10.01	9.65
VC(P=0.99865):	13.55	14.34	13.39	13.05
Max VC :	26.07	23.89	23.79	26.07
Mean VC :	4.21	4.44	4.07	4.11
STDV VC :	1.71	1.75	1.69	1.66
N(Total):	383147	132559	123350	127238
N(VC>10):	3716	1446	1244	1026
N(VC>20):	21	15	1	5
N(VC>30):	0	0	0	0
N(VC>40):	0	0	0	0

Time delta: 25 minutes
 Height domain: 14-16 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	3.94	4.14	3.86	3.82
VC(P=0.9):	6.30	6.59	6.12	6.10
VC(P=0.95):	7.27	7.57	7.12	7.02
VC(P=0.99):	9.63	9.94	9.53	9.31
VC(P=0.99865):	12.84	13.27	12.86	12.18
Max VC :	27.57	25.38	22.90	27.57
Mean VC :	4.25	4.44	4.17	4.12
STDV VC :	1.61	1.68	1.57	1.56
N(Total):	383147	132559	123350	127238
N(VC>10):	2998	1285	912	801
N(VC>20):	6	2	2	2
N(VC>30):	0	0	0	0
N(VC>40):	0	0	0	0

Time delta: 25 minutes
 Height domain: 16-18 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	4.09	4.13	4.26	3.89
VC(P=0.9):	6.45	6.56	6.58	6.18
VC(P=0.95):	7.40	7.52	7.54	7.11
VC(P=0.99):	9.69	9.89	9.82	9.36
VC(P=0.99865):	12.66	13.30	12.44	12.26
Max VC :	26.96	26.96	18.75	21.30
Mean VC :	4.38	4.43	4.54	4.18
STDV VC :	1.63	1.68	1.60	1.57
N(Total):	383147	132559	123350	127238
N(VC>10):	3152	1232	1091	829
N(VC>20):	10	8	0	2
N(VC>30):	0	0	0	0
N(VC>40):	0	0	0	0

Time delta: 25 minutes
 Height domain: > 18 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	3.23	3.14	3.51	3.07
VC(P=0.9):	5.71	5.53	6.15	5.44
VC(P=0.95):	6.74	6.53	7.20	6.41
VC(P=0.99):	9.19	8.91	9.76	8.73
VC(P=0.99865):	12.28	11.92	12.91	11.58
Max VC :	25.02	25.02	19.87	22.24
Mean VC :	3.55	3.46	3.82	3.37
STDV VC :	1.71	1.63	1.83	1.62
N(Total):	383147	132559	123350	127238
N(VC>10):	2237	640	1050	547
N(VC>20):	8	7	0	1
N(VC>30):	0	0	0	0
N(VC>40):	0	0	0	0

Time delta: 30 minutes
 Height domain: All heights
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	6.27	6.56	6.10	6.15
VC(P=0.9):	9.28	9.80	8.92	9.06
VC(P=0.95):	10.50	11.13	10.06	10.20
VC(P=0.99):	13.47	14.41	12.62	12.94
VC(P=0.99865):	17.59	19.05	15.97	16.93
Max VC :	34.79	34.79	30.12	32.12
Mean VC :	6.66	6.98	6.45	6.51
STDV VC :	2.07	2.24	1.91	2.00
N(Total):	610162	211733	192670	205759
N(VC>10):	40531	18933	9946	11652
N(VC>20):	292	198	25	69
N(VC>30):	6	4	1	1
N(VC>40):	0	0	0	0

Time delta: 30 minutes
 Height domain: < 4 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	2.73	2.98	2.56	2.71
VC(P=0.9):	5.39	6.09	4.53	5.41
VC(P=0.95):	6.61	7.49	5.43	6.61
VC(P=0.99):	9.70	11.07	7.70	9.45
VC(P=0.99865):	14.35	16.08	11.07	13.93
Max VC :	34.79	34.79	30.12	28.92
Mean VC :	3.18	3.50	2.84	3.16
STDV VC :	1.81	2.09	1.39	1.79
N(Total):	610162	211733	192670	205759
N(VC>10):	5297	3324	457	1516
N(VC>20):	119	87	5	27
N(VC>30):	5	4	1	0
N(VC>40):	0	0	0	0

Time delta: 30 minutes
 Height domain: 4-6 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	2.78	2.88	2.77	2.70
VC(P=0.9):	5.05	5.48	4.72	4.95
VC(P=0.95):	6.16	6.74	5.61	6.03
VC(P=0.99):	8.98	9.84	7.91	8.81
VC(P=0.99865):	12.86	14.03	11.31	12.41
Max VC :	22.89	22.75	18.63	22.89
Mean VC :	3.15	3.33	3.06	3.07
STDV VC :	1.59	1.77	1.37	1.56
N(Total):	610162	211733	192670	205759
N(VC>10):	3580	1950	557	1073
N(VC>20):	18	14	0	4
N(VC>30):	0	0	0	0
N(VC>40):	0	0	0	0

Time delta: 30 minutes
 Height domain: 6-8 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	2.97	3.13	2.90	2.89
VC(P=0.9):	5.35	5.79	5.01	5.20
VC(P=0.95):	6.49	7.04	6.01	6.30
VC(P=0.99):	9.26	10.33	8.38	8.85
VC(P=0.99865):	13.24	14.60	11.47	12.53
Max VC :	28.64	26.11	26.99	28.64
Mean VC :	3.36	3.57	3.22	3.25
STDV VC :	1.64	1.82	1.45	1.58
N(Total):	610162	211733	192670	205759
N(VC>10):	4150	2453	636	1061
N(VC>20):	28	15	5	8
N(VC>30):	0	0	0	0
N(VC>40):	0	0	0	0

Time delta: 30 minutes
 Height domain: 8-10 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	3.32	3.56	3.15	3.27
VC(P=0.9):	5.79	6.19	5.47	5.64
VC(P=0.95):	6.89	7.36	6.53	6.67
VC(P=0.99):	9.62	10.43	9.05	9.22
VC(P=0.99865):	13.39	14.34	12.34	12.72
Max VC :	32.12	25.95	20.15	32.12
Mean VC :	3.70	3.95	3.51	3.61
STDV VC :	1.69	1.82	1.57	1.63
N(Total):	610162	211733	192670	205759
N(VC>10):	4949	2608	1048	1293
N(VC>20):	27	10	2	15
N(VC>30):	1	0	0	1
N(VC>40):	0	0	0	0

Time delta: 30 minutes
 Height domain: 10-12 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	3.83	4.19	3.51	3.80
VC(P=0.9):	6.41	6.85	5.96	6.30
VC(P=0.95):	7.48	7.96	7.00	7.32
VC(P=0.99):	10.03	10.74	9.50	9.69
VC(P=0.99865):	13.63	14.49	12.69	13.11
Max VC :	28.68	27.09	20.95	28.68
Mean VC :	4.18	4.53	3.86	4.12
STDV VC :	1.76	1.85	1.65	1.70
N(Total):	610162	211733	192670	205759
N(VC>10):	6203	3124	1416	1663
N(VC>20):	28	18	5	5
N(VC>30):	0	0	0	0
N(VC>40):	0	0	0	0

Time delta: 30 minutes
 Height domain: 12-14 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	4.23	4.57	3.90	4.21
VC(P=0.9):	6.80	7.19	6.33	6.75
VC(P=0.95):	7.84	8.22	7.37	7.76
VC(P=0.99):	10.29	10.66	9.91	10.20
VC(P=0.99865):	13.66	14.26	13.12	13.38
Max VC :	26.19	24.06	25.40	26.19
Mean VC :	4.55	4.87	4.23	4.52
STDV VC :	1.76	1.81	1.67	1.74
N(Total):	610162	211733	192670	205759
N(VC>10):	7393	3213	1826	2354
N(VC>20):	46	34	4	8
N(VC>30):	0	0	0	0
N(VC>40):	0	0	0	0

Time delta: 30 minutes
 Height domain: 14-16 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	4.29	4.57	4.08	4.22
VC(P=0.9):	6.72	7.12	6.34	6.57
VC(P=0.95):	7.69	8.12	7.27	7.50
VC(P=0.99):	9.96	10.46	9.50	9.72
VC(P=0.99865):	12.97	13.58	12.59	12.56
Max VC :	28.25	28.25	24.65	26.00
Mean VC :	4.59	4.87	4.37	4.50
STDV VC :	1.66	1.75	1.56	1.61
N(Total):	610162	211733	192670	205759
N(VC>10):	5947	2897	1370	1680
N(VC>20):	9	4	4	1
N(VC>30):	0	0	0	0
N(VC>40):	0	0	0	0

Time delta: 30 minutes
 Height domain: 16-18 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	4.47	4.58	4.56	4.28
VC(P=0.9):	6.89	7.07	6.94	6.64
VC(P=0.95):	7.85	8.06	7.88	7.57
VC(P=0.99):	10.09	10.37	10.09	9.74
VC(P=0.99865):	12.92	13.63	12.60	12.29
Max VC :	28.46	28.46	19.37	21.22
Mean VC :	4.75	4.87	4.84	4.56
STDV VC :	1.67	1.73	1.63	1.61
N(Total):	610162	211733	192670	205759
N(VC>10):	6521	2763	2072	1686
N(VC>20):	11	9	0	2
N(VC>30):	0	0	0	0
N(VC>40):	0	0	0	0

Time delta: 30 minutes
 Height domain: > 18 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	3.56	3.50	3.83	3.40
VC(P=0.9):	6.13	5.99	6.51	5.87
VC(P=0.95):	7.16	6.99	7.58	6.87
VC(P=0.99):	9.60	9.40	10.09	9.22
VC(P=0.99865):	12.76	12.86	13.24	12.14
Max VC :	24.95	24.95	21.04	22.65
Mean VC :	3.88	3.81	4.13	3.71
STDV VC :	1.76	1.71	1.86	1.69
N(Total):	610162	211733	192670	205759
N(VC>10):	4665	1440	2029	1196
N(VC>20):	19	13	4	2
N(VC>30):	0	0	0	0
N(VC>40):	0	0	0	0

Time delta: 45 minutes
 Height domain: All heights
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	6.93	7.23	6.73	6.83
VC(P=0.9):	10.10	10.65	9.66	9.88
VC(P=0.95):	11.40	12.13	10.82	11.12
VC(P=0.99):	14.62	15.81	13.50	14.15
VC(P=0.99865):	19.29	20.96	16.84	18.57
Max VC :	32.22	32.22	28.38	31.33
Mean VC :	7.33	7.68	7.08	7.20
STDV VC :	2.20	2.39	1.99	2.13
N(Total):	574500	199990	178965	195545
N(VC>10):	60460	27487	14675	18298
N(VC>20):	588	408	44	136
N(VC>30):	4	3	0	1
N(VC>40):	0	0	0	0

Time delta: 45 minutes
 Height domain: < 4 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	2.99	3.29	2.76	2.97
VC(P=0.9):	5.74	6.49	4.81	5.74
VC(P=0.95):	7.00	7.93	5.75	6.95
VC(P=0.99):	10.17	11.56	8.04	9.90
VC(P=0.99865):	15.05	16.86	11.46	14.57
Max VC :	32.22	32.22	27.60	29.90
Mean VC :	3.44	3.81	3.05	3.42
STDV VC :	1.89	2.18	1.45	1.85
N(Total):	574500	199990	178965	195545
N(VC>10):	6251	3879	525	1847
N(VC>20):	160	120	7	33
N(VC>30):	3	3	0	0
N(VC>40):	0	0	0	0

Time delta: 45 minutes
 Height domain: 4-6 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	3.15	3.32	3.07	3.06
VC(P=0.9):	5.65	6.19	5.17	5.54
VC(P=0.95):	6.84	7.57	6.12	6.70
VC(P=0.99):	10.00	11.07	8.52	9.75
VC(P=0.99865):	14.31	15.98	12.16	13.86
Max VC :	25.94	25.94	19.22	24.54
Mean VC :	3.56	3.81	3.37	3.47
STDV VC :	1.75	1.98	1.47	1.71
N(Total):	574500	199990	178965	195545
N(VC>10):	5738	3201	808	1729
N(VC>20):	67	59	0	8
N(VC>30):	0	0	0	0
N(VC>40):	0	0	0	0

Time delta: 45 minutes
 Height domain: 6-8 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	3.39	3.62	3.24	3.31
VC(P=0.9):	6.06	6.66	5.54	5.90
VC(P=0.95):	7.31	8.11	6.60	7.10
VC(P=0.99):	10.48	11.78	9.10	9.98
VC(P=0.99865):	15.04	16.88	12.43	14.03
Max VC :	28.38	26.32	28.38	27.79
Mean VC :	3.82	4.12	3.59	3.72
STDV VC :	1.84	2.08	1.57	1.77
N(Total):	574500	199990	178965	195545
N(VC>10):	7245	4301	1016	1928
N(VC>20):	107	75	3	29
N(VC>30):	0	0	0	0
N(VC>40):	0	0	0	0

Time delta: 45 minutes
 Height domain: 8-10 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	3.80	4.09	3.54	3.77
VC(P=0.9):	6.61	7.13	6.09	6.48
VC(P=0.95):	7.84	8.53	7.20	7.65
VC(P=0.99):	10.95	12.11	9.83	10.53
VC(P=0.99865):	15.35	16.68	13.25	14.58
Max VC :	31.33	28.07	25.50	31.33
Mean VC :	4.22	4.55	3.92	4.16
STDV VC :	1.92	2.11	1.71	1.86
N(Total):	574500	199990	178965	195545
N(VC>10):	9191	4985	1628	2578
N(VC>20):	104	60	8	36
N(VC>30):	1	0	0	1
N(VC>40):	0	0	0	0

Time delta: 45 minutes
 Height domain: 10-12 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	4.37	4.77	3.97	4.36
VC(P=0.9):	7.24	7.73	6.68	7.17
VC(P=0.95):	8.44	9.02	7.78	8.32
VC(P=0.99):	11.36	12.30	10.45	11.10
VC(P=0.99865):	15.25	16.45	13.79	14.85
Max VC :	26.20	26.20	23.35	25.79
Mean VC :	4.75	5.15	4.35	4.72
STDV VC :	1.97	2.08	1.81	1.93
N(Total):	574500	199990	178965	195545
N(VC>10):	12001	6014	2360	3627
N(VC>20):	67	41	6	20
N(VC>30):	0	0	0	0
N(VC>40):	0	0	0	0

Time delta: 45 minutes
 Height domain: 12-14 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	4.78	5.11	4.40	4.79
VC(P=0.9):	7.54	7.87	7.05	7.54
VC(P=0.95):	8.62	8.95	8.14	8.62
VC(P=0.99):	11.21	11.51	10.80	11.20
VC(P=0.99865):	14.85	15.26	14.24	14.90
Max VC :	27.87	27.87	25.41	25.19
Mean VC :	5.11	5.42	4.75	5.11
STDV VC :	1.90	1.92	1.81	1.90
N(Total):	574500	199990	178965	195545
N(VC>10):	11983	5049	2829	4105
N(VC>20):	67	37	9	21
N(VC>30):	0	0	0	0
N(VC>40):	0	0	0	0

Time delta: 45 minutes
 Height domain: 14-16 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	4.81	5.08	4.60	4.74
VC(P=0.9):	7.38	7.74	7.06	7.24
VC(P=0.95):	8.38	8.76	8.07	8.20
VC(P=0.99):	10.72	11.17	10.39	10.47
VC(P=0.99865):	13.76	14.39	13.39	13.34
Max VC :	26.85	26.85	22.21	23.69
Mean VC :	5.10	5.37	4.89	5.02
STDV VC :	1.76	1.84	1.70	1.71
N(Total):	574500	199990	178965	195545
N(VC>10):	9336	4352	2312	2672
N(VC>20):	14	9	3	2
N(VC>30):	0	0	0	0
N(VC>40):	0	0	0	0

Time delta: 45 minutes
 Height domain: 16-18 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	4.99	5.10	5.07	4.80
VC(P=0.9):	7.54	7.70	7.63	7.27
VC(P=0.95):	8.51	8.70	8.59	8.22
VC(P=0.99):	10.75	10.99	10.81	10.40
VC(P=0.99865):	13.55	14.05	13.44	13.06
Max VC :	29.18	29.18	22.84	19.28
Mean VC :	5.26	5.37	5.36	5.07
STDV VC :	1.75	1.80	1.74	1.69
N(Total):	574500	199990	178965	195545
N(VC>10):	9868	4020	3232	2616
N(VC>20):	11	9	2	0
N(VC>30):	0	0	0	0
N(VC>40):	0	0	0	0

Time delta: 45 minutes
 Height domain: > 18 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	3.99	3.93	4.24	3.83
VC(P=0.9):	6.70	6.55	7.11	6.45
VC(P=0.95):	7.76	7.60	8.22	7.45
VC(P=0.99):	10.23	9.99	10.82	9.81
VC(P=0.99865):	13.48	13.23	14.11	12.98
Max VC :	29.63	29.63	23.57	22.70
Mean VC :	4.30	4.24	4.56	4.13
STDV VC :	1.87	1.81	1.99	1.79
N(Total):	574500	199990	178965	195545
N(VC>10):	6695	1984	2978	1733
N(VC>20):	31	20	8	3
N(VC>30):	0	0	0	0
N(VC>40):	0	0	0	0

Time delta: 60 minutes
 Height domain: All heights
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	7.48	7.77	7.24	7.39
VC(P=0.9):	10.75	11.35	10.23	10.59
VC(P=0.95):	12.13	12.92	11.42	11.91
VC(P=0.99):	15.59	16.94	14.18	15.22
VC(P=0.99865):	20.81	22.77	17.66	19.81
Max VC :	32.05	31.68	27.81	32.05
Mean VC :	7.89	8.26	7.59	7.78
STDV VC :	2.30	2.52	2.05	2.24
N(Total):	652551	229587	199606	223358
N(VC>10):	95769	42578	22799	30392
N(VC>20):	1154	779	91	284
N(VC>30):	14	11	0	3
N(VC>40):	0	0	0	0

Time delta: 60 minutes
 Height domain: < 4 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	3.16	3.45	2.92	3.13
VC(P=0.9):	5.93	6.68	5.03	5.87
VC(P=0.95):	7.18	8.12	5.96	7.07
VC(P=0.99):	10.39	11.73	8.30	10.01
VC(P=0.99865):	15.28	17.17	11.69	14.93
Max VC :	32.05	31.68	27.74	32.05
Mean VC :	3.60	3.98	3.21	3.56
STDV VC :	1.91	2.19	1.48	1.87
N(Total):	652551	229587	199606	223358
N(VC>10):	7770	4861	669	2240
N(VC>20):	187	140	4	43
N(VC>30):	3	2	0	1
N(VC>40):	0	0	0	0

Time delta: 60 minutes
 Height domain: 4-6 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	3.43	3.66	3.31	3.33
VC(P=0.9):	6.10	6.70	5.55	5.96
VC(P=0.95):	7.33	8.10	6.54	7.17
VC(P=0.99):	10.69	11.86	9.02	10.45
VC(P=0.99865):	15.41	17.40	12.66	15.02
Max VC :	29.11	29.11	23.56	25.35
Mean VC :	3.86	4.16	3.63	3.76
STDV VC :	1.87	2.11	1.54	1.83
N(Total):	652551	229587	199606	223358
N(VC>10):	8824	4952	1145	2727
N(VC>20):	169	138	3	28
N(VC>30):	0	0	0	0
N(VC>40):	0	0	0	0

Time delta: 60 minutes
 Height domain: 6-8 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	3.72	4.01	3.52	3.66
VC(P=0.9):	6.58	7.27	5.92	6.41
VC(P=0.95):	7.91	8.81	7.02	7.67
VC(P=0.99):	11.38	12.94	9.66	10.84
VC(P=0.99865):	16.43	19.03	12.85	15.36
Max VC :	30.36	30.27	27.81	30.36
Mean VC :	4.18	4.55	3.87	4.08
STDV VC :	1.99	2.28	1.65	1.91
N(Total):	652551	229587	199606	223358
N(VC>10):	12032	7029	1611	3392
N(VC>20):	287	234	6	47
N(VC>30):	5	4	0	1
N(VC>40):	0	0	0	0

Time delta: 60 minutes
 Height domain: 8-10 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	4.19	4.52	3.86	4.18
VC(P=0.9):	7.24	7.87	6.57	7.13
VC(P=0.95):	8.56	9.40	7.70	8.38
VC(P=0.99):	12.03	13.45	10.32	11.57
VC(P=0.99865):	17.01	18.78	14.18	16.30
Max VC :	30.38	30.38	27.24	30.27
Mean VC :	4.65	5.04	4.25	4.60
STDV VC :	2.10	2.33	1.80	2.03
N(Total):	652551	229587	199606	223358
N(VC>10):	16039	8879	2425	4735
N(VC>20):	309	205	14	90
N(VC>30):	2	1	0	1
N(VC>40):	0	0	0	0

Time delta: 60 minutes
 Height domain: 10-12 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	4.82	5.26	4.34	4.82
VC(P=0.9):	7.95	8.49	7.23	7.92
VC(P=0.95):	9.25	9.91	8.41	9.20
VC(P=0.99):	12.55	13.60	11.23	12.31
VC(P=0.99865):	16.94	18.04	14.74	16.32
Max VC :	30.63	30.63	24.58	26.66
Mean VC :	5.24	5.68	4.74	5.23
STDV VC :	2.16	2.28	1.95	2.12
N(Total):	652551	229587	199606	223358
N(VC>10):	22338	11002	4047	7289
N(VC>20):	224	131	29	64
N(VC>30):	1	1	0	0
N(VC>40):	0	0	0	0

Time delta: 60 minutes
 Height domain: 12-14 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	5.25	5.58	4.83	5.29
VC(P=0.9):	8.17	8.47	7.66	8.21
VC(P=0.95):	9.30	9.60	8.79	9.35
VC(P=0.99):	12.02	12.28	11.49	12.12
VC(P=0.99865):	15.84	16.18	15.11	16.07
Max VC :	31.16	31.16	26.02	28.70
Mean VC :	5.59	5.90	5.19	5.62
STDV VC :	2.02	2.02	1.93	2.03
N(Total):	652551	229587	199606	223358
N(VC>10):	21195	8843	4725	7627
N(VC>20):	123	51	29	43
N(VC>30):	3	3	0	0
N(VC>40):	0	0	0	0

Time delta: 60 minutes
 Height domain: 14-16 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	5.25	5.51	5.01	5.19
VC(P=0.9):	7.93	8.26	7.63	7.81
VC(P=0.95):	8.95	9.30	8.65	8.80
VC(P=0.99):	11.33	11.78	11.02	11.05
VC(P=0.99865):	14.40	14.88	14.09	14.05
Max VC :	26.96	26.96	24.56	21.25
Mean VC :	5.54	5.81	5.31	5.47
STDV VC :	1.85	1.90	1.79	1.80
N(Total):	652551	229587	199606	223358
N(VC>10):	15938	7223	4015	4700
N(VC>20):	17	9	5	3
N(VC>30):	0	0	0	0
N(VC>40):	0	0	0	0

Time delta: 60 minutes
 Height domain: 16-18 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	5.43	5.55	5.52	5.24
VC(P=0.9):	8.08	8.24	8.19	7.81
VC(P=0.95):	9.07	9.25	9.19	8.76
VC(P=0.99):	11.31	11.54	11.42	10.92
VC(P=0.99865):	14.15	14.66	14.11	13.61
Max VC :	29.60	29.60	19.98	20.04
Mean VC :	5.71	5.83	5.80	5.51
STDV VC :	1.82	1.86	1.82	1.76
N(Total):	652551	229587	199606	223358
N(VC>10):	16656	6757	5477	4422
N(VC>20):	9	8	0	1
N(VC>30):	0	0	0	0
N(VC>40):	0	0	0	0

Time delta: 60 minutes
 Height domain: > 18 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	4.36	4.32	4.60	4.20
VC(P=0.9):	7.19	7.06	7.60	6.92
VC(P=0.95):	8.26	8.10	8.70	7.97
VC(P=0.99):	10.72	10.50	11.30	10.35
VC(P=0.99865):	13.91	13.50	14.57	13.43
Max VC :	26.97	26.97	22.55	23.89
Mean VC :	4.67	4.62	4.91	4.50
STDV VC :	1.94	1.88	2.07	1.87
N(Total):	652551	229587	199606	223358
N(VC>10):	10411	3162	4455	2794
N(VC>20):	37	20	9	8
N(VC>30):	0	0	0	0
N(VC>40):	0	0	0	0

Time delta: 75 minutes
 Height domain: All heights
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	7.96	8.35	7.67	7.85
VC(P=0.9):	11.46	12.24	10.75	11.23
VC(P=0.95):	12.96	13.98	11.99	12.68
VC(P=0.99):	16.84	18.33	14.86	16.36
VC(P=0.99865):	22.73	24.97	18.77	21.91
Max VC :	36.18	36.18	29.50	35.14
Mean VC :	8.42	8.89	8.02	8.28
STDV VC :	2.48	2.74	2.14	2.40
N(Total):	606258	214627	189862	201769
N(VC>10):	121468	55165	29049	37254
N(VC>20):	1902	1215	148	539
N(VC>30):	62	41	0	21
N(VC>40):	0	0	0	0

Time delta: 75 minutes
 Height domain: < 4 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	3.36	3.73	3.07	3.32
VC(P=0.9):	6.26	7.12	5.25	6.19
VC(P=0.95):	7.57	8.62	6.19	7.42
VC(P=0.99):	10.92	12.42	8.49	10.44
VC(P=0.99865):	15.92	17.81	12.14	15.22
Max VC :	33.53	33.33	27.71	33.53
Mean VC :	3.82	4.27	3.36	3.77
STDV VC :	2.00	2.32	1.52	1.94
N(Total):	606258	214627	189862	201769
N(VC>10):	9149	5848	798	2503
N(VC>20):	202	156	6	40
N(VC>30):	10	8	0	2
N(VC>40):	0	0	0	0

Time delta: 75 minutes
 Height domain: 4-6 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	3.70	4.02	3.51	3.60
VC(P=0.9):	6.56	7.34	5.83	6.36
VC(P=0.95):	7.89	8.87	6.86	7.62
VC(P=0.99):	11.47	12.96	9.41	11.17
VC(P=0.99865):	16.70	18.95	13.07	16.33
Max VC :	33.70	33.70	20.26	25.14
Mean VC :	4.17	4.57	3.84	4.04
STDV VC :	2.01	2.30	1.61	1.93
N(Total):	606258	214627	189862	201769
N(VC>10):	11164	6584	1362	3218
N(VC>20):	280	208	1	71
N(VC>30):	10	10	0	0
N(VC>40):	0	0	0	0

Time delta: 75 minutes
 Height domain: 6-8 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	4.03	4.42	3.73	3.97
VC(P=0.9):	7.12	8.02	6.22	6.91
VC(P=0.95):	8.55	9.71	7.35	8.21
VC(P=0.99):	12.35	14.31	10.14	11.62
VC(P=0.99865):	17.99	20.75	13.60	17.01
Max VC :	36.18	36.18	27.60	31.68
Mean VC :	4.53	5.02	4.10	4.41
STDV VC :	2.17	2.51	1.72	2.04
N(Total):	606258	214627	189862	201769
N(VC>10):	15900	9631	2030	4239
N(VC>20):	466	344	18	104
N(VC>30):	14	11	0	3
N(VC>40):	0	0	0	0

Time delta: 75 minutes
 Height domain: 8-10 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	4.55	4.99	4.11	4.55
VC(P=0.9):	7.87	8.73	6.93	7.72
VC(P=0.95):	9.34	10.43	8.10	9.10
VC(P=0.99):	13.17	14.92	10.86	12.55
VC(P=0.99865):	19.02	20.93	14.88	18.27
Max VC :	35.33	35.33	29.50	35.14
Mean VC :	5.04	5.56	4.51	5.00
STDV VC :	2.31	2.60	1.90	2.22
N(Total):	606258	214627	189862	201769
N(VC>10):	22260	12775	3117	6368
N(VC>20):	572	388	20	164
N(VC>30):	22	6	0	16
N(VC>40):	0	0	0	0

Time delta: 75 minutes
 Height domain: 10-12 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	5.22	5.74	4.64	5.23
VC(P=0.9):	8.67	9.36	7.73	8.64
VC(P=0.95):	10.12	10.97	9.00	10.05
VC(P=0.99):	13.85	15.11	12.07	13.63
VC(P=0.99865):	18.64	19.90	16.11	18.17
Max VC :	34.64	34.64	25.62	27.22
Mean VC :	5.68	6.23	5.06	5.68
STDV VC :	2.39	2.55	2.09	2.34
N(Total):	606258	214627	189862	201769
N(VC>10):	32013	16193	5489	10331
N(VC>20):	454	278	37	139
N(VC>30):	6	6	0	0
N(VC>40):	0	0	0	0

Time delta: 75 minutes
 Height domain: 12-14 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	5.64	6.03	5.16	5.68
VC(P=0.9):	8.77	9.15	8.18	8.82
VC(P=0.95):	9.99	10.36	9.36	10.06
VC(P=0.99):	12.98	13.31	12.30	13.10
VC(P=0.99865):	17.05	17.45	16.30	17.33
Max VC :	32.42	32.42	26.97	29.00
Mean VC :	6.00	6.37	5.54	6.05
STDV VC :	2.18	2.18	2.07	2.19
N(Total):	606258	214627	189862	201769
N(VC>10):	30114	13155	6543	10416
N(VC>20):	271	88	71	112
N(VC>30):	2	2	0	0
N(VC>40):	0	0	0	0

Time delta: 75 minutes
 Height domain: 14-16 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	5.61	5.91	5.37	5.53
VC(P=0.9):	8.45	8.82	8.14	8.27
VC(P=0.95):	9.53	9.94	9.23	9.29
VC(P=0.99):	12.00	12.52	11.66	11.63
VC(P=0.99865):	15.22	15.94	14.73	14.71
Max VC :	28.73	28.73	26.22	21.59
Mean VC :	5.92	6.22	5.68	5.82
STDV VC :	1.95	2.02	1.90	1.88
N(Total):	606258	214627	189862	201769
N(VC>10):	22268	10313	5718	6237
N(VC>20):	54	32	13	9
N(VC>30):	0	0	0	0
N(VC>40):	0	0	0	0

Time delta: 75 minutes
 Height domain: 16-18 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	5.80	5.94	5.87	5.59
VC(P=0.9):	8.55	8.75	8.64	8.23
VC(P=0.95):	9.56	9.80	9.65	9.19
VC(P=0.99):	11.81	12.15	11.91	11.27
VC(P=0.99865):	14.65	15.30	14.51	13.88
Max VC :	25.92	25.92	19.25	22.25
Mean VC :	6.07	6.22	6.15	5.85
STDV VC :	1.89	1.95	1.89	1.81
N(Total):	606258	214627	189862	201769
N(VC>10):	22304	9402	7412	5490
N(VC>20):	17	12	0	5
N(VC>30):	0	0	0	0
N(VC>40):	0	0	0	0

Time delta: 75 minutes
 Height domain: > 18 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	4.65	4.63	4.86	4.47
VC(P=0.9):	7.57	7.48	7.94	7.27
VC(P=0.95):	8.65	8.55	9.07	8.31
VC(P=0.99):	11.09	10.99	11.57	10.61
VC(P=0.99865):	14.30	14.03	14.80	14.17
Max VC :	27.60	27.60	23.56	23.73
Mean VC :	4.95	4.93	5.17	4.77
STDV VC :	2.01	1.96	2.12	1.92
N(Total):	606258	214627	189862	201769
N(VC>10):	12410	4075	5256	3079
N(VC>20):	34	15	10	9
N(VC>30):	0	0	0	0
N(VC>40):	0	0	0	0

Time delta: 90 minutes
 Height domain: All heights
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	8.42	8.89	8.05	8.30
VC(P=0.9):	12.15	13.12	11.24	11.90
VC(P=0.95):	13.79	15.01	12.49	13.48
VC(P=0.99):	18.08	19.86	15.52	17.49
VC(P=0.99865):	24.44	27.04	19.70	23.52
Max VC :	39.31	37.97	30.47	39.31
Mean VC :	8.91	9.49	8.42	8.77
STDV VC :	2.66	2.97	2.22	2.57
N(Total):	516420	184370	162067	169983
N(VC>10):	134287	61359	31841	41087
N(VC>20):	2709	1769	198	742
N(VC>30):	140	107	1	32
N(VC>40):	0	0	0	0

Time delta: 90 minutes
 Height domain: < 4 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	3.53	3.97	3.19	3.49
VC(P=0.9):	6.54	7.51	5.43	6.41
VC(P=0.95):	7.91	9.08	6.37	7.70
VC(P=0.99):	11.45	13.11	8.69	10.86
VC(P=0.99865):	16.53	18.55	12.21	15.80
Max VC :	35.10	35.10	27.97	26.36
Mean VC :	4.00	4.52	3.49	3.93
STDV VC :	2.09	2.43	1.55	2.00
N(Total):	516420	184370	162067	169983
N(VC>10):	9550	6282	710	2558
N(VC>20):	214	156	4	54
N(VC>30):	14	14	0	0
N(VC>40):	0	0	0	0

Time delta: 90 minutes
 Height domain: 4-6 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	3.95	4.37	3.68	3.83
VC(P=0.9):	6.96	7.90	6.06	6.70
VC(P=0.95):	8.36	9.53	7.11	8.01
VC(P=0.99):	12.22	14.03	9.70	11.80
VC(P=0.99865):	18.12	20.97	13.69	17.39
Max VC :	34.51	34.51	23.60	28.01
Mean VC :	4.44	4.95	4.02	4.30
STDV VC :	2.14	2.48	1.66	2.03
N(Total):	516420	184370	162067	169983
N(VC>10):	12394	7629	1380	3385
N(VC>20):	429	313	9	107
N(VC>30):	21	21	0	0
N(VC>40):	0	0	0	0

Time delta: 90 minutes
 Height domain: 6-8 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	4.32	4.82	3.93	4.25
VC(P=0.9):	7.61	8.71	6.50	7.33
VC(P=0.95):	9.15	10.52	7.63	8.74
VC(P=0.99):	13.35	15.64	10.39	12.37
VC(P=0.99865):	19.98	23.07	14.12	18.54
Max VC :	37.97	37.97	28.16	32.81
Mean VC :	4.85	5.46	4.30	4.72
STDV VC :	2.34	2.75	1.77	2.18
N(Total):	516420	184370	162067	169983
N(VC>10):	17903	11128	2027	4748
N(VC>20):	691	518	23	150
N(VC>30):	68	63	0	5
N(VC>40):	0	0	0	0

Time delta: 90 minutes
 Height domain: 8-10 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	4.88	5.43	4.33	4.89
VC(P=0.9):	8.49	9.55	7.27	8.31
VC(P=0.95):	10.05	11.44	8.48	9.75
VC(P=0.99):	14.32	16.29	11.34	13.52
VC(P=0.99865):	20.61	22.88	15.87	19.85
Max VC :	39.31	36.81	30.47	39.31
Mean VC :	5.42	6.06	4.74	5.37
STDV VC :	2.52	2.86	1.99	2.39
N(Total):	516420	184370	162067	169983
N(VC>10):	26408	15509	3369	7530
N(VC>20):	841	580	42	219
N(VC>30):	42	14	1	27
N(VC>40):	0	0	0	0

Time delta: 90 minutes
 Height domain: 10-12 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	5.58	6.20	4.89	5.61
VC(P=0.9):	9.33	10.17	8.15	9.31
VC(P=0.95):	10.94	11.96	9.51	10.87
VC(P=0.99):	15.03	16.47	12.72	14.84
VC(P=0.99865):	20.37	21.78	17.14	20.02
Max VC :	33.79	33.79	28.79	30.11
Mean VC :	6.09	6.74	5.34	6.11
STDV VC :	2.60	2.78	2.21	2.54
N(Total):	516420	184370	162067	169983
N(VC>10):	38552	19731	6356	12465
N(VC>20):	800	515	54	231
N(VC>30):	5	4	0	1
N(VC>40):	0	0	0	0

Time delta: 90 minutes
 Height domain: 12-14 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	6.00	6.44	5.45	6.05
VC(P=0.9):	9.37	9.80	8.67	9.42
VC(P=0.95):	10.66	11.09	9.92	10.75
VC(P=0.99):	13.90	14.33	12.98	14.10
VC(P=0.99865):	18.31	18.89	16.90	18.61
Max VC :	32.88	32.88	29.41	31.47
Mean VC :	6.39	6.82	5.85	6.44
STDV VC :	2.33	2.34	2.19	2.35
N(Total):	516420	184370	162067	169983
N(VC>10):	36757	16477	7737	12543
N(VC>20):	363	151	80	132
N(VC>30):	4	2	0	2
N(VC>40):	0	0	0	0

Time delta: 90 minutes
 Height domain: 14-16 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	5.95	6.28	5.70	5.85
VC(P=0.9):	8.96	9.39	8.63	8.75
VC(P=0.95):	10.08	10.53	9.72	9.83
VC(P=0.99):	12.64	13.26	12.24	12.21
VC(P=0.99865):	15.92	16.73	15.44	15.31
Max VC :	28.08	28.08	25.33	23.21
Mean VC :	6.27	6.61	6.01	6.16
STDV VC :	2.06	2.14	2.00	1.98
N(Total):	516420	184370	162067	169983
N(VC>10):	27156	12811	6754	7591
N(VC>20):	86	42	20	24
N(VC>30):	0	0	0	0
N(VC>40):	0	0	0	0

Time delta: 90 minutes
 Height domain: 16-18 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	6.13	6.31	6.18	5.90
VC(P=0.9):	9.00	9.27	9.05	8.65
VC(P=0.95):	10.05	10.35	10.08	9.64
VC(P=0.99):	12.35	12.73	12.34	11.87
VC(P=0.99865):	15.18	15.65	15.11	14.58
Max VC :	24.03	24.03	19.72	21.46
Mean VC :	6.41	6.60	6.46	6.17
STDV VC :	1.97	2.04	1.96	1.88
N(Total):	516420	184370	162067	169983
N(VC>10):	26679	11610	8540	6529
N(VC>20):	27	25	0	2
N(VC>30):	0	0	0	0
N(VC>40):	0	0	0	0

Time delta: 90 minutes
 Height domain: > 18 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	4.90	4.92	5.09	4.72
VC(P=0.9):	7.91	7.87	8.25	7.59
VC(P=0.95):	9.01	8.97	9.39	8.64
VC(P=0.99):	11.48	11.52	11.91	10.95
VC(P=0.99865):	14.58	14.37	15.10	14.10
Max VC :	26.36	26.36	25.21	23.09
Mean VC :	5.21	5.22	5.40	5.01
STDV VC :	2.07	2.04	2.18	1.98
N(Total):	516420	184370	162067	169983
N(VC>10):	13626	4743	5552	3331
N(VC>20):	35	14	11	10
N(VC>30):	0	0	0	0
N(VC>40):	0	0	0	0

Time delta: 120 minutes
 Height domain: All heights
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	9.27	9.64	8.89	9.22
VC(P=0.9):	13.33	14.31	12.32	13.18
VC(P=0.95):	15.18	16.53	13.63	14.93
VC(P=0.99):	20.19	22.58	16.90	19.48
VC(P=0.99865):	27.70	31.50	21.70	25.56
Max VC :	48.63	48.63	32.97	45.99
Mean VC :	9.83	10.35	9.28	9.74
STDV VC :	2.95	3.35	2.39	2.82
N(Total):	514817	187837	149702	177278
N(VC>10):	196877	83439	47151	66287
N(VC>20):	5442	3573	395	1474
N(VC>30):	423	350	12	61
N(VC>40):	42	32	0	10

Time delta: 120 minutes
 Height domain: < 4 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	3.77	4.19	3.41	3.72
VC(P=0.9):	6.89	7.80	5.79	6.74
VC(P=0.95):	8.30	9.44	6.81	8.06
VC(P=0.99):	11.99	13.56	9.24	11.61
VC(P=0.99865):	17.55	19.80	12.66	16.63
Max VC :	37.24	37.24	30.48	30.92
Mean VC :	4.25	4.74	3.72	4.18
STDV VC :	2.19	2.50	1.65	2.11
N(Total):	514817	187837	149702	177278
N(VC>10):	11975	7477	967	3531
N(VC>20):	312	229	7	76
N(VC>30):	20	18	1	1
N(VC>40):	0	0	0	0

Time delta: 120 minutes
 Height domain: 4-6 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	4.35	4.77	4.02	4.25
VC(P=0.9):	7.57	8.47	6.57	7.39
VC(P=0.95):	9.10	10.27	7.67	8.85
VC(P=0.99):	13.42	15.37	10.39	13.11
VC(P=0.99865):	20.21	24.09	14.50	18.91
Max VC :	40.08	40.08	25.15	31.81
Mean VC :	4.88	5.39	4.38	4.75
STDV VC :	2.34	2.69	1.77	2.24
N(Total):	514817	187837	149702	177278
N(VC>10):	17551	10425	1868	5258
N(VC>20):	737	549	13	175
N(VC>30):	72	70	0	2
N(VC>40):	1	1	0	0

Time delta: 120 minutes
 Height domain: 6-8 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	4.80	5.28	4.33	4.76
VC(P=0.9):	8.33	9.39	7.09	8.11
VC(P=0.95):	9.98	11.32	8.30	9.65
VC(P=0.99):	14.66	17.13	11.27	13.83
VC(P=0.99865):	22.81	27.19	15.26	20.69
Max VC :	48.63	48.63	30.35	34.00
Mean VC :	5.37	5.97	4.72	5.27
STDV VC :	2.58	3.02	1.91	2.40
N(Total):	514817	187837	149702	177278
N(VC>10):	25472	14978	2861	7633
N(VC>20):	1275	966	15	294
N(VC>30):	162	156	2	4
N(VC>40):	30	30	0	0

Time delta: 120 minutes
 Height domain: 8-10 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	5.43	5.93	4.78	5.51
VC(P=0.9):	9.42	10.46	8.01	9.38
VC(P=0.95):	11.24	12.75	9.38	11.02
VC(P=0.99):	16.20	18.67	12.70	15.20
VC(P=0.99865):	23.67	26.75	17.85	21.71
Max VC :	45.99	39.45	27.77	45.99
Mean VC :	6.04	6.66	5.24	6.07
STDV VC :	2.83	3.23	2.21	2.68
N(Total):	514817	187837	149702	177278
N(VC>10):	41078	21939	5541	13598
N(VC>20):	1866	1363	93	410
N(VC>30):	153	114	0	39
N(VC>40):	9	0	0	9

Time delta: 120 minutes
 Height domain: 10-12 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	6.25	6.82	5.45	6.35
VC(P=0.9):	10.47	11.32	9.10	10.50
VC(P=0.95):	12.33	13.48	10.63	12.30
VC(P=0.99):	17.16	18.90	14.37	16.85
VC(P=0.99865):	23.34	25.12	19.75	22.37
Max VC :	44.96	40.37	32.90	44.96
Mean VC :	6.84	7.48	5.96	6.92
STDV VC :	2.95	3.17	2.50	2.88
N(Total):	514817	187837	149702	177278
N(VC>10):	61524	30031	9928	21565
N(VC>20):	2136	1358	182	596
N(VC>30):	84	60	4	20
N(VC>40):	3	1	0	2

Time delta: 120 minutes
 Height domain: 12-14 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	6.73	7.10	6.11	6.84
VC(P=0.9):	10.45	10.85	9.68	10.57
VC(P=0.95):	11.93	12.39	11.04	12.06
VC(P=0.99):	15.51	15.94	14.45	15.76
VC(P=0.99865):	20.30	20.89	18.40	20.72
Max VC :	36.08	36.08	32.97	31.07
Mean VC :	7.16	7.55	6.54	7.27
STDV VC :	2.59	2.61	2.43	2.60
N(Total):	514817	187837	149702	177278
N(VC>10):	63554	27785	12764	23005
N(VC>20):	785	368	108	309
N(VC>30):	29	16	9	4
N(VC>40):	0	0	0	0

Time delta: 120 minutes
 Height domain: 14-16 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	6.60	6.86	6.32	6.56
VC(P=0.9):	9.83	10.19	9.52	9.69
VC(P=0.95):	11.05	11.48	10.70	10.85
VC(P=0.99):	13.79	14.37	13.27	13.43
VC(P=0.99865):	17.35	18.29	16.61	16.79
Max VC :	30.84	30.84	26.45	28.86
Mean VC :	6.93	7.21	6.65	6.87
STDV VC :	2.24	2.30	2.19	2.17
N(Total):	514817	187837	149702	177278
N(VC>10):	46855	20753	11307	14795
N(VC>20):	181	89	38	54
N(VC>30):	2	2	0	0
N(VC>40):	0	0	0	0

Time delta: 120 minutes
 Height domain: 16-18 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	6.76	6.88	6.86	6.55
VC(P=0.9):	9.81	9.98	9.94	9.50
VC(P=0.95):	10.90	11.12	11.02	10.54
VC(P=0.99):	13.29	13.63	13.32	12.83
VC(P=0.99865):	16.07	16.78	16.02	15.44
Max VC :	25.82	25.82	23.85	21.19
Mean VC :	7.05	7.17	7.15	6.83
STDV VC :	2.10	2.15	2.11	2.01
N(Total):	514817	187837	149702	177278
N(VC>10):	45720	18555	14384	12781
N(VC>20):	47	36	8	3
N(VC>30):	0	0	0	0
N(VC>40):	0	0	0	0

Time delta: 120 minutes
 Height domain: > 18 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Season =====			
	Annual	Winter	Summer	Trans
	-----	-----	-----	-----
VC(P=0.5):	5.41	5.38	5.64	5.25
VC(P=0.9):	8.60	8.50	8.99	8.35
VC(P=0.95):	9.76	9.63	10.20	9.50
VC(P=0.99):	12.31	12.21	12.76	11.90
VC(P=0.99865):	15.58	15.37	16.21	15.02
Max VC :	26.32	26.32	26.10	24.02
Mean VC :	5.72	5.69	5.96	5.56
STDV VC :	2.20	2.15	2.31	2.12
N(Total):	514817	187837	149702	177278
N(VC>10):	22271	7440	8395	6436
N(VC>20):	65	27	29	9
N(VC>30):	0	0	0	0
N(VC>40):	0	0	0	0

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 ===== SERIES 3: HEIGHT DOMAIN INDEPENDENT VARIABLE TABLES =====

 =====

Season: Annual

 Time delta: 5 minutes

 All VC values shown are in units of m/s

 All N values shown are integer counts

	===== Height Domain (km) =====									
	All	< 4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	> 18
VC(P=0.5):	3.51	1.61	1.42	1.47	1.62	1.84	2.03	2.08	2.14	1.52
VC(P=0.9):	6.14	3.38	2.80	2.83	3.05	3.48	3.82	3.82	4.01	3.42
VC(P=0.95):	7.31	4.52	3.42	3.47	3.73	4.28	4.67	4.63	4.82	4.28
VC(P=0.99):	10.04	7.57	5.19	5.25	5.66	6.49	7.01	6.73	6.93	6.47
VC(P=0.99865):	14.02	12.09	7.84	7.95	8.56	9.84	10.41	9.95	10.00	9.45
Max VC :	29.63	29.63	21.83	20.02	26.83	26.11	25.06	26.82	26.31	24.76
Mean VC :	3.93	1.94	1.65	1.70	1.86	2.12	2.33	2.36	2.44	1.84
STDV VC :	1.77	1.41	0.96	0.96	1.03	1.18	1.27	1.22	1.27	1.27
N(Total):	377142	377142	377142	377142	377142	377142	377142	377142	377142	377142
N(VC>10):	3855	1166	75	96	190	465	628	492	509	351
N(VC>20):	91	61	1	1	1	4	10	6	3	4
N(VC>30):	0	0	0	0	0	0	0	0	0	0
N(VC>40):	0	0	0	0	0	0	0	0	0	0

Season: Annual
 Time delta: 10 minutes
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Height Domain (km) =====									
	All	< 4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	> 18
VC(P=0.5):	4.58	2.10	1.91	2.00	2.22	2.55	2.82	2.90	3.02	2.29
VC(P=0.9):	7.44	4.37	3.57	3.67	3.98	4.52	4.93	4.93	5.13	4.49
VC(P=0.95):	8.60	5.60	4.39	4.49	4.82	5.43	5.89	5.82	6.03	5.46
VC(P=0.99):	11.38	8.64	6.61	6.74	7.09	7.80	8.32	8.12	8.23	7.78
VC(P=0.99865):	15.30	13.17	9.53	9.65	10.09	11.15	11.70	11.30	11.17	10.76
Max VC :	29.37	29.37	19.06	26.10	26.64	26.35	26.52	25.30	26.55	24.74
Mean VC :	4.99	2.51	2.19	2.28	2.50	2.85	3.15	3.20	3.31	2.61
STDV VC :	1.91	1.62	1.18	1.19	1.25	1.38	1.46	1.41	1.45	1.49
N(Total):	422682	422682	422682	422682	422682	422682	422682	422682	422682	422682
N(VC>10):	9206	2173	420	457	605	1065	1523	1277	1246	960
N(VC>20):	114	68	0	1	3	7	17	6	7	5
N(VC>30):	0	0	0	0	0	0	0	0	0	0
N(VC>40):	0	0	0	0	0	0	0	0	0	0

Season: Annual
 Time delta: 15 minutes
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Height Domain (km) =====									
	All	< 4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	> 18
VC(P=0.5):	5.30	2.33	2.26	2.39	2.66	3.10	3.47	3.56	3.73	2.94
VC(P=0.9):	8.11	4.68	4.12	4.25	4.61	5.25	5.78	5.79	6.00	5.31
VC(P=0.95):	9.22	5.84	5.01	5.15	5.49	6.16	6.75	6.71	6.92	6.31
VC(P=0.99):	11.84	8.72	7.37	7.47	7.74	8.40	9.06	8.91	9.07	8.67
VC(P=0.99865):	15.63	13.10	10.53	10.54	10.86	11.47	12.18	11.76	11.78	11.64
Max VC :	30.97	29.93	21.63	27.40	30.97	26.46	25.18	26.08	26.55	24.80
Mean VC :	5.67	2.73	2.56	2.69	2.95	3.39	3.79	3.86	4.02	3.26
STDV VC :	1.90	1.64	1.30	1.31	1.36	1.47	1.57	1.51	1.54	1.61
N(Total):	773303	773303	773303	773303	773303	773303	773303	773303	773303	773303
N(VC>10):	23761	4081	1434	1517	1795	2580	4150	3536	3987	3089
N(VC>20):	178	97	1	11	11	18	21	9	8	6
N(VC>30):	1	0	0	0	1	0	0	0	0	0
N(VC>40):	0	0	0	0	0	0	0	0	0	0

Season: Annual
 Time delta: 20 minutes
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Height Domain (km) =====									
	All	< 4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	> 18
VC(P=0.5):	5.56	2.60	2.47	2.61	2.90	3.28	3.57	3.63	3.76	2.94
VC(P=0.9):	8.64	5.27	4.55	4.78	5.16	5.64	5.95	5.88	6.03	5.33
VC(P=0.95):	9.88	6.55	5.61	5.86	6.20	6.70	6.98	6.84	6.98	6.33
VC(P=0.99):	12.84	9.71	8.31	8.44	8.80	9.26	9.57	9.24	9.29	8.77
VC(P=0.99865):	17.10	14.50	11.65	11.83	12.23	12.77	13.24	12.58	12.30	11.80
Max VC :	32.37	28.85	21.40	32.37	26.28	26.57	26.38	27.72	26.55	25.02
Mean VC :	5.98	3.06	2.82	2.96	3.25	3.62	3.91	3.94	4.05	3.26
STDV VC :	2.07	1.82	1.47	1.50	1.55	1.62	1.65	1.55	1.57	1.64
N(Total):	335347	335347	335347	335347	335347	335347	335347	335347	335347	335347
N(VC>10):	15644	2951	1253	1320	1639	2172	2611	2055	2101	1523
N(VC>20):	147	80	3	5	4	12	24	7	8	5
N(VC>30):	1	0	0	1	0	0	0	0	0	0
N(VC>40):	0	0	0	0	0	0	0	0	0	0

Season: Annual
 Time delta: 25 minutes
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Height Domain (km) =====									
	All	< 4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	> 18
VC(P=0.5):	5.93	2.70	2.63	2.79	3.11	3.55	3.88	3.94	4.09	3.23
VC(P=0.9):	8.99	5.39	4.83	5.10	5.50	6.05	6.36	6.30	6.45	5.71
VC(P=0.95):	10.23	6.67	5.93	6.22	6.58	7.11	7.39	7.27	7.40	6.74
VC(P=0.99):	13.19	9.81	8.74	8.91	9.25	9.71	9.96	9.63	9.69	9.19
VC(P=0.99865):	17.33	14.45	12.25	12.43	12.88	13.27	13.55	12.84	12.66	12.28
Max VC :	28.89	28.89	22.66	26.43	26.19	25.93	26.07	27.57	26.96	25.02
Mean VC :	6.33	3.16	2.99	3.16	3.48	3.90	4.21	4.25	4.38	3.55
STDV VC :	2.08	1.83	1.54	1.58	1.63	1.70	1.71	1.61	1.63	1.71
N(Total):	383147	383147	383147	383147	383147	383147	383147	383147	383147	383147
N(VC>10):	21762	3509	1843	2074	2530	3194	3716	2998	3152	2237
N(VC>20):	166	82	6	12	6	16	21	6	10	8
N(VC>30):	0	0	0	0	0	0	0	0	0	0
N(VC>40):	0	0	0	0	0	0	0	0	0	0

Season: Annual
 Time delta: 30 minutes
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Height Domain (km) =====									
	All	< 4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	> 18
VC(P=0.5):	6.27	2.73	2.78	2.97	3.32	3.83	4.23	4.29	4.47	3.56
VC(P=0.9):	9.28	5.39	5.05	5.35	5.79	6.41	6.80	6.72	6.89	6.13
VC(P=0.95):	10.50	6.61	6.16	6.49	6.89	7.48	7.84	7.69	7.85	7.16
VC(P=0.99):	13.47	9.70	8.98	9.26	9.62	10.03	10.29	9.96	10.09	9.60
VC(P=0.99865):	17.59	14.35	12.86	13.24	13.39	13.63	13.66	12.97	12.92	12.76
Max VC :	34.79	34.79	22.89	28.64	32.12	28.68	26.19	28.25	28.46	24.95
Mean VC :	6.66	3.18	3.15	3.36	3.70	4.18	4.55	4.59	4.75	3.88
STDV VC :	2.07	1.81	1.59	1.64	1.69	1.76	1.76	1.66	1.67	1.76
N(Total):	610162	610162	610162	610162	610162	610162	610162	610162	610162	610162
N(VC>10):	40531	5297	3580	4150	4949	6203	7393	5947	6521	4665
N(VC>20):	292	119	18	28	27	28	46	9	11	19
N(VC>30):	6	5	0	0	1	0	0	0	0	0
N(VC>40):	0	0	0	0	0	0	0	0	0	0

Season: Annual
 Time delta: 45 minutes
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Height Domain (km) =====									
	All	< 4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	> 18
VC(P=0.5):	6.93	2.99	3.15	3.39	3.80	4.37	4.78	4.81	4.99	3.99
VC(P=0.9):	10.10	5.74	5.65	6.06	6.61	7.24	7.54	7.38	7.54	6.70
VC(P=0.95):	11.40	7.00	6.84	7.31	7.84	8.44	8.62	8.38	8.51	7.76
VC(P=0.99):	14.62	10.17	10.00	10.48	10.95	11.36	11.21	10.72	10.75	10.23
VC(P=0.99865):	19.29	15.05	14.31	15.04	15.35	15.25	14.85	13.76	13.55	13.48
Max VC :	32.22	32.22	25.94	28.38	31.33	26.20	27.87	26.85	29.18	29.63
Mean VC :	7.33	3.44	3.56	3.82	4.22	4.75	5.11	5.10	5.26	4.30
STDV VC :	2.20	1.89	1.75	1.84	1.92	1.97	1.90	1.76	1.75	1.87
N(Total):	574500	574500	574500	574500	574500	574500	574500	574500	574500	574500
N(VC>10):	60460	6251	5738	7245	9191	12001	11983	9336	9868	6695
N(VC>20):	588	160	67	107	104	67	67	14	11	31
N(VC>30):	4	3	0	0	1	0	0	0	0	0
N(VC>40):	0	0	0	0	0	0	0	0	0	0

Season: Annual
 Time delta: 60 minutes
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Height Domain (km) =====									
	All	< 4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	> 18
VC(P=0.5):	7.48	3.16	3.43	3.72	4.19	4.82	5.25	5.25	5.43	4.36
VC(P=0.9):	10.75	5.93	6.10	6.58	7.24	7.95	8.17	7.93	8.08	7.19
VC(P=0.95):	12.13	7.18	7.33	7.91	8.56	9.25	9.30	8.95	9.07	8.26
VC(P=0.99):	15.59	10.39	10.69	11.38	12.03	12.55	12.02	11.33	11.31	10.72
VC(P=0.99865):	20.81	15.28	15.41	16.43	17.01	16.94	15.84	14.40	14.15	13.91
Max VC :	32.05	32.05	29.11	30.36	30.38	30.63	31.16	26.96	29.60	26.97
Mean VC :	7.89	3.60	3.86	4.18	4.65	5.24	5.59	5.54	5.71	4.67
STDV VC :	2.30	1.91	1.87	1.99	2.10	2.16	2.02	1.85	1.82	1.94
N(Total):	652551	652551	652551	652551	652551	652551	652551	652551	652551	652551
N(VC>10):	95769	7770	8824	12032	16039	22338	21195	15938	16656	10411
N(VC>20):	1154	187	169	287	309	224	123	17	9	37
N(VC>30):	14	3	0	5	2	1	3	0	0	0
N(VC>40):	0	0	0	0	0	0	0	0	0	0

Season: Annual
 Time delta: 75 minutes
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Height Domain (km) =====									
	All	< 4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	> 18
VC(P=0.5):	7.96	3.36	3.70	4.03	4.55	5.22	5.64	5.61	5.80	4.65
VC(P=0.9):	11.46	6.26	6.56	7.12	7.87	8.67	8.77	8.45	8.55	7.57
VC(P=0.95):	12.96	7.57	7.89	8.55	9.34	10.12	9.99	9.53	9.56	8.65
VC(P=0.99):	16.84	10.92	11.47	12.35	13.17	13.85	12.98	12.00	11.81	11.09
VC(P=0.99865):	22.73	15.92	16.70	17.99	19.02	18.64	17.05	15.22	14.65	14.30
Max VC :	36.18	33.53	33.70	36.18	35.33	34.64	32.42	28.73	25.92	27.60
Mean VC :	8.42	3.82	4.17	4.53	5.04	5.68	6.00	5.92	6.07	4.95
STDV VC :	2.48	2.00	2.01	2.17	2.31	2.39	2.18	1.95	1.89	2.01
N(Total):	606258	606258	606258	606258	606258	606258	606258	606258	606258	606258
N(VC>10):	121468	9149	11164	15900	22260	32013	30114	22268	22304	12410
N(VC>20):	1902	202	280	466	572	454	271	54	17	34
N(VC>30):	62	10	10	14	22	6	2	0	0	0
N(VC>40):	0	0	0	0	0	0	0	0	0	0

Season: Annual
 Time delta: 90 minutes
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Height Domain (km) =====									
	All	< 4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	> 18
VC(P=0.5):	8.42	3.53	3.95	4.32	4.88	5.58	6.00	5.95	6.13	4.90
VC(P=0.9):	12.15	6.54	6.96	7.61	8.49	9.33	9.37	8.96	9.00	7.91
VC(P=0.95):	13.79	7.91	8.36	9.15	10.05	10.94	10.66	10.08	10.05	9.01
VC(P=0.99):	18.08	11.45	12.22	13.35	14.32	15.03	13.90	12.64	12.35	11.48
VC(P=0.99865):	24.44	16.53	18.12	19.98	20.61	20.37	18.31	15.92	15.18	14.58
Max VC :	39.31	35.10	34.51	37.97	39.31	33.79	32.88	28.08	24.03	26.36
Mean VC :	8.91	4.00	4.44	4.85	5.42	6.09	6.39	6.27	6.41	5.21
STDV VC :	2.66	2.09	2.14	2.34	2.52	2.60	2.33	2.06	1.97	2.07
N(Total):	516420	516420	516420	516420	516420	516420	516420	516420	516420	516420
N(VC>10):	134287	9550	12394	17903	26408	38552	36757	27156	26679	13626
N(VC>20):	2709	214	429	691	841	800	363	86	27	35
N(VC>30):	140	14	21	68	42	5	4	0	0	0
N(VC>40):	0	0	0	0	0	0	0	0	0	0

Season: Annual
 Time delta: 120 minutes
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Height Domain (km) =====									
	All	< 4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	> 18
VC(P=0.5):	9.27	3.77	4.35	4.80	5.43	6.25	6.73	6.60	6.76	5.41
VC(P=0.9):	13.33	6.89	7.57	8.33	9.42	10.47	10.45	9.83	9.81	8.60
VC(P=0.95):	15.18	8.30	9.10	9.98	11.24	12.33	11.93	11.05	10.90	9.76
VC(P=0.99):	20.19	11.99	13.42	14.66	16.20	17.16	15.51	13.79	13.29	12.31
VC(P=0.99865):	27.70	17.55	20.21	22.81	23.67	23.34	20.30	17.35	16.07	15.58
Max VC :	48.63	37.24	40.08	48.63	45.99	44.96	36.08	30.84	25.82	26.32
Mean VC :	9.83	4.25	4.88	5.37	6.04	6.84	7.16	6.93	7.05	5.72
STDV VC :	2.95	2.19	2.34	2.58	2.83	2.95	2.59	2.24	2.10	2.20
N(Total):	514817	514817	514817	514817	514817	514817	514817	514817	514817	514817
N(VC>10):	196877	11975	17551	25472	41078	61524	63554	46855	45720	22271
N(VC>20):	5442	312	737	1275	1866	2136	785	181	47	65
N(VC>30):	423	20	72	162	153	84	29	2	0	0
N(VC>40):	42	0	1	30	9	3	0	0	0	0

Season: Winter
 Time delta: 5 minutes
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Height Domain (km) =====									
	All	< 4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	> 18
VC(P=0.5):	3.50	1.62	1.35	1.43	1.63	1.90	2.10	2.11	2.09	1.45
VC(P=0.9):	6.29	3.55	2.74	2.80	3.02	3.58	3.94	3.99	4.02	3.24
VC(P=0.95):	7.47	4.86	3.45	3.50	3.72	4.42	4.84	4.84	4.88	4.09
VC(P=0.99):	10.48	8.25	5.42	5.45	5.70	6.61	7.10	6.93	6.97	6.24
VC(P=0.99865):	15.16	13.40	8.22	8.21	8.60	10.10	10.56	10.17	10.17	9.16
Max VC :	29.63	29.63	15.77	14.38	26.83	26.11	23.32	26.82	26.31	24.76
Mean VC :	3.96	2.00	1.61	1.68	1.87	2.20	2.40	2.43	2.41	1.77
STDV VC :	1.88	1.55	0.99	0.98	1.02	1.20	1.29	1.28	1.30	1.21
N(Total):	128973	128973	128973	128973	128973	128973	128973	128973	128973	128973
N(VC>10):	1612	616	32	44	80	184	227	182	198	99
N(VC>20):	57	38	0	0	1	2	6	4	3	3
N(VC>30):	0	0	0	0	0	0	0	0	0	0
N(VC>40):	0	0	0	0	0	0	0	0	0	0

Season: Winter
 Time delta: 10 minutes
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Height Domain (km) =====									
	All	< 4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	> 18
VC(P=0.5):	4.71	2.21	1.88	2.00	2.28	2.70	2.99	3.04	3.02	2.21
VC(P=0.9):	7.71	4.88	3.67	3.78	4.07	4.73	5.16	5.23	5.22	4.31
VC(P=0.95):	8.94	6.26	4.60	4.65	4.92	5.64	6.11	6.15	6.16	5.26
VC(P=0.99):	12.02	9.66	7.02	7.08	7.24	8.01	8.55	8.44	8.36	7.61
VC(P=0.99865):	16.79	14.55	10.05	10.21	10.38	11.52	11.96	11.59	11.55	10.54
Max VC :	29.37	29.37	19.06	19.57	26.64	26.35	23.98	25.30	26.55	24.74
Mean VC :	5.14	2.71	2.20	2.31	2.57	3.01	3.31	3.35	3.33	2.53
STDV VC :	2.04	1.84	1.26	1.25	1.27	1.42	1.51	1.49	1.50	1.43
N(Total):	145749	145749	145749	145749	145749	145749	145749	145749	145749	145749
N(VC>10):	4033	1260	208	229	252	444	584	536	496	292
N(VC>20):	73	44	0	0	1	3	11	4	6	4
N(VC>30):	0	0	0	0	0	0	0	0	0	0
N(VC>40):	0	0	0	0	0	0	0	0	0	0

Season: Winter
 Time delta: 15 minutes
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Height Domain (km) =====									
	All	< 4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	> 18
VC(P=0.5):	5.57	2.46	2.26	2.45	2.80	3.37	3.76	3.83	3.84	2.87
VC(P=0.9):	8.51	5.21	4.28	4.45	4.82	5.59	6.18	6.25	6.22	5.18
VC(P=0.95):	9.68	6.53	5.28	5.43	5.74	6.54	7.16	7.20	7.17	6.19
VC(P=0.99):	12.58	9.80	7.84	7.99	8.12	8.81	9.48	9.41	9.41	8.52
VC(P=0.99865):	16.86	14.72	11.15	11.35	11.44	12.06	12.60	12.29	12.34	11.43
Max VC :	29.12	29.12	19.28	23.98	26.47	26.46	23.42	26.08	26.55	24.80
Mean VC :	5.95	2.95	2.60	2.78	3.10	3.66	4.08	4.14	4.14	3.20
STDV VC :	2.02	1.87	1.40	1.41	1.42	1.54	1.63	1.62	1.61	1.57
N(Total):	269196	269196	269196	269196	269196	269196	269196	269196	269196	269196
N(VC>10):	11135	2438	726	846	875	1242	1872	1792	1774	945
N(VC>20):	110	68	0	4	4	8	11	2	8	5
N(VC>30):	0	0	0	0	0	0	0	0	0	0
N(VC>40):	0	0	0	0	0	0	0	0	0	0

Season: Winter
 Time delta: 20 minutes
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Height Domain (km) =====									
	All	< 4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	> 18
VC(P=0.5):	5.71	2.84	2.51	2.67	2.98	3.47	3.74	3.76	3.73	2.84
VC(P=0.9):	9.00	6.01	4.91	5.09	5.36	5.88	6.16	6.10	6.05	5.10
VC(P=0.95):	10.35	7.45	6.13	6.28	6.45	6.94	7.18	7.06	7.02	6.06
VC(P=0.99):	13.80	11.05	9.02	9.19	9.36	9.61	9.79	9.44	9.41	8.41
VC(P=0.99865):	18.83	16.50	12.57	13.05	13.15	13.57	13.96	13.10	13.04	11.38
Max VC :	32.37	28.45	21.40	32.37	26.28	26.57	23.85	26.23	26.55	25.02
Mean VC :	6.17	3.40	2.93	3.09	3.37	3.81	4.07	4.07	4.04	3.15
STDV VC :	2.25	2.11	1.63	1.65	1.63	1.68	1.69	1.61	1.61	1.55
N(Total):	114686	114686	114686	114686	114686	114686	114686	114686	114686	114686
N(VC>10):	6837	1802	675	724	797	926	1007	822	783	403
N(VC>20):	102	59	2	1	2	4	19	4	7	5
N(VC>30):	1	0	0	1	0	0	0	0	0	0
N(VC>40):	0	0	0	0	0	0	0	0	0	0

Season: Winter
 Time delta: 25 minutes
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Height Domain (km) =====									
	All	< 4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	> 18
VC(P=0.5):	6.15	2.95	2.71	2.89	3.27	3.81	4.12	4.14	4.13	3.14
VC(P=0.9):	9.40	6.13	5.23	5.48	5.78	6.38	6.63	6.59	6.56	5.53
VC(P=0.95):	10.75	7.60	6.51	6.70	6.93	7.47	7.65	7.57	7.52	6.53
VC(P=0.99):	14.10	11.10	9.52	9.75	9.93	10.18	10.17	9.94	9.89	8.91
VC(P=0.99865):	18.81	16.16	13.27	13.66	13.71	14.14	14.34	13.27	13.30	11.92
Max VC :	28.71	28.71	22.66	26.43	26.19	25.93	23.89	25.38	26.96	25.02
Mean VC :	6.58	3.50	3.15	3.33	3.66	4.16	4.44	4.44	4.43	3.46
STDV VC :	2.25	2.12	1.71	1.74	1.73	1.77	1.75	1.68	1.68	1.63
N(Total):	132559	132559	132559	132559	132559	132559	132559	132559	132559	132559
N(VC>10):	9694	2153	1031	1152	1276	1460	1446	1285	1232	640
N(VC>20):	119	61	4	6	5	11	15	2	8	7
N(VC>30):	0	0	0	0	0	0	0	0	0	0
N(VC>40):	0	0	0	0	0	0	0	0	0	0

Season: Winter
 Time delta: 30 minutes
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Height Domain (km) =====									
	All	< 4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	> 18
VC(P=0.5):	6.56	2.98	2.88	3.13	3.56	4.19	4.57	4.57	4.58	3.50
VC(P=0.9):	9.80	6.09	5.48	5.79	6.19	6.85	7.19	7.12	7.07	5.99
VC(P=0.95):	11.13	7.49	6.74	7.04	7.36	7.96	8.22	8.12	8.06	6.99
VC(P=0.99):	14.41	11.07	9.84	10.33	10.43	10.74	10.66	10.46	10.37	9.40
VC(P=0.99865):	19.05	16.08	14.03	14.60	14.34	14.49	14.26	13.58	13.63	12.86
Max VC :	34.79	34.79	22.75	26.11	25.95	27.09	24.06	28.25	28.46	24.95
Mean VC :	6.98	3.50	3.33	3.57	3.95	4.53	4.87	4.87	4.87	3.81
STDV VC :	2.24	2.09	1.77	1.82	1.82	1.85	1.81	1.75	1.73	1.71
N(Total):	211733	211733	211733	211733	211733	211733	211733	211733	211733	211733
N(VC>10):	18933	3324	1950	2453	2608	3124	3213	2897	2763	1440
N(VC>20):	198	87	14	15	10	18	34	4	9	13
N(VC>30):	4	4	0	0	0	0	0	0	0	0
N(VC>40):	0	0	0	0	0	0	0	0	0	0

Season: Winter
 Time delta: 45 minutes
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Height Domain (km) =====									
	All	< 4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	> 18
VC(P=0.5):	7.23	3.29	3.32	3.62	4.09	4.77	5.11	5.08	5.10	3.93
VC(P=0.9):	10.65	6.49	6.19	6.66	7.13	7.73	7.87	7.74	7.70	6.55
VC(P=0.95):	12.13	7.93	7.57	8.11	8.53	9.02	8.95	8.76	8.70	7.60
VC(P=0.99):	15.81	11.56	11.07	11.78	12.11	12.30	11.51	11.17	10.99	9.99
VC(P=0.99865):	20.96	16.86	15.98	16.88	16.68	16.45	15.26	14.39	14.05	13.23
Max VC :	32.22	32.22	25.94	26.32	28.07	26.20	27.87	26.85	29.18	29.63
Mean VC :	7.68	3.81	3.81	4.12	4.55	5.15	5.42	5.37	5.37	4.24
STDV VC :	2.39	2.18	1.98	2.08	2.11	2.08	1.92	1.84	1.80	1.81
N(Total):	199990	199990	199990	199990	199990	199990	199990	199990	199990	199990
N(VC>10):	27487	3879	3201	4301	4985	6014	5049	4352	4020	1984
N(VC>20):	408	120	59	75	60	41	37	9	9	20
N(VC>30):	3	3	0	0	0	0	0	0	0	0
N(VC>40):	0	0	0	0	0	0	0	0	0	0

Season: Winter
 Time delta: 60 minutes
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Height Domain (km) =====									
	All	< 4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	> 18
VC(P=0.5):	7.77	3.45	3.66	4.01	4.52	5.26	5.58	5.51	5.55	4.32
VC(P=0.9):	11.35	6.68	6.70	7.27	7.87	8.49	8.47	8.26	8.24	7.06
VC(P=0.95):	12.92	8.12	8.10	8.81	9.40	9.91	9.60	9.30	9.25	8.10
VC(P=0.99):	16.94	11.73	11.86	12.94	13.45	13.60	12.28	11.78	11.54	10.50
VC(P=0.99865):	22.77	17.17	17.40	19.03	18.78	18.04	16.18	14.88	14.66	13.50
Max VC :	31.68	31.68	29.11	30.27	30.38	30.63	31.16	26.96	29.60	26.97
Mean VC :	8.26	3.98	4.16	4.55	5.04	5.68	5.90	5.81	5.83	4.62
STDV VC :	2.52	2.19	2.11	2.28	2.33	2.28	2.02	1.90	1.86	1.88
N(Total):	229587	229587	229587	229587	229587	229587	229587	229587	229587	229587
N(VC>10):	42578	4861	4952	7029	8879	11002	8843	7223	6757	3162
N(VC>20):	779	140	138	234	205	131	51	9	8	20
N(VC>30):	11	2	0	4	1	1	3	0	0	0
N(VC>40):	0	0	0	0	0	0	0	0	0	0

Season: Winter
 Time delta: 75 minutes
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Height Domain (km) =====									
	All	< 4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	> 18
VC(P=0.5):	8.35	3.73	4.02	4.42	4.99	5.74	6.03	5.91	5.94	4.63
VC(P=0.9):	12.24	7.12	7.34	8.02	8.73	9.36	9.15	8.82	8.75	7.48
VC(P=0.95):	13.98	8.62	8.87	9.71	10.43	10.97	10.36	9.94	9.80	8.55
VC(P=0.99):	18.33	12.42	12.96	14.31	14.92	15.11	13.31	12.52	12.15	10.99
VC(P=0.99865):	24.97	17.81	18.95	20.75	20.93	19.90	17.45	15.94	15.30	14.03
Max VC :	36.18	33.33	33.70	36.18	35.33	34.64	32.42	28.73	25.92	27.60
Mean VC :	8.89	4.27	4.57	5.02	5.56	6.23	6.37	6.22	6.22	4.93
STDV VC :	2.74	2.32	2.30	2.51	2.60	2.55	2.18	2.02	1.95	1.96
N(Total):	214627	214627	214627	214627	214627	214627	214627	214627	214627	214627
N(VC>10):	55165	5848	6584	9631	12775	16193	13155	10313	9402	4075
N(VC>20):	1215	156	208	344	388	278	88	32	12	15
N(VC>30):	41	8	10	11	6	6	2	0	0	0
N(VC>40):	0	0	0	0	0	0	0	0	0	0

Season: Winter
 Time delta: 90 minutes
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Height Domain (km) =====									
	All	< 4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	> 18
VC(P=0.5):	8.89	3.97	4.37	4.82	5.43	6.20	6.44	6.28	6.31	4.92
VC(P=0.9):	13.12	7.51	7.90	8.71	9.55	10.17	9.80	9.39	9.27	7.87
VC(P=0.95):	15.01	9.08	9.53	10.52	11.44	11.96	11.09	10.53	10.35	8.97
VC(P=0.99):	19.86	13.11	14.03	15.64	16.29	16.47	14.33	13.26	12.73	11.52
VC(P=0.99865):	27.04	18.55	20.97	23.07	22.88	21.78	18.89	16.73	15.65	14.37
Max VC :	37.97	35.10	34.51	37.97	36.81	33.79	32.88	28.08	24.03	26.36
Mean VC :	9.49	4.52	4.95	5.46	6.06	6.74	6.82	6.61	6.60	5.22
STDV VC :	2.97	2.43	2.48	2.75	2.86	2.78	2.34	2.14	2.04	2.04
N(Total):	184370	184370	184370	184370	184370	184370	184370	184370	184370	184370
N(VC>10):	61359	6282	7629	11128	15509	19731	16477	12811	11610	4743
N(VC>20):	1769	156	313	518	580	515	151	42	25	14
N(VC>30):	107	14	21	63	14	4	2	0	0	0
N(VC>40):	0	0	0	0	0	0	0	0	0	0

Season: Winter
 Time delta: 120 minutes
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Height Domain (km) =====									
	All	< 4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	> 18
VC(P=0.5):	9.64	4.19	4.77	5.28	5.93	6.82	7.10	6.86	6.88	5.38
VC(P=0.9):	14.31	7.80	8.47	9.39	10.46	11.32	10.85	10.19	9.98	8.50
VC(P=0.95):	16.53	9.44	10.27	11.32	12.75	13.48	12.39	11.48	11.12	9.63
VC(P=0.99):	22.58	13.56	15.37	17.13	18.67	18.90	15.94	14.37	13.63	12.21
VC(P=0.99865):	31.50	19.80	24.09	27.19	26.75	25.12	20.89	18.29	16.78	15.37
Max VC :	48.63	37.24	40.08	48.63	39.45	40.37	36.08	30.84	25.82	26.32
Mean VC :	10.35	4.74	5.39	5.97	6.66	7.48	7.55	7.21	7.17	5.69
STDV VC :	3.35	2.50	2.69	3.02	3.23	3.17	2.61	2.30	2.15	2.15
N(Total):	187837	187837	187837	187837	187837	187837	187837	187837	187837	187837
N(VC>10):	83439	7477	10425	14978	21939	30031	27785	20753	18555	7440
N(VC>20):	3573	229	549	966	1363	1358	368	89	36	27
N(VC>30):	350	18	70	156	114	60	16	2	0	0
N(VC>40):	32	0	1	30	0	1	0	0	0	0

Season: Summer
 Time delta: 5 minutes
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Height Domain (km) =====									
	All	< 4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	> 18
VC(P=0.5):	3.62	1.60	1.57	1.62	1.71	1.84	2.05	2.12	2.32	1.71
VC(P=0.9):	6.10	3.08	2.90	2.96	3.19	3.52	3.82	3.75	4.13	3.71
VC(P=0.95):	7.27	3.90	3.47	3.54	3.87	4.33	4.66	4.53	4.91	4.60
VC(P=0.99):	9.84	6.28	5.00	5.15	5.80	6.72	7.23	6.75	7.09	6.86
VC(P=0.99865):	13.29	9.71	7.39	7.70	8.73	10.01	10.66	10.13	9.98	10.03
Max VC :	26.86	26.86	21.83	20.02	19.77	18.27	22.98	22.39	15.70	20.95
Mean VC :	4.01	1.83	1.76	1.81	1.94	2.13	2.35	2.38	2.58	2.01
STDV VC :	1.67	1.18	0.94	0.96	1.06	1.20	1.27	1.19	1.26	1.38
N(Total):	123194	123194	123194	123194	123194	123194	123194	123194	123194	123194
N(VC>10):	1112	143	17	23	62	167	240	174	163	168
N(VC>20):	11	5	1	1	0	0	1	2	0	1
N(VC>30):	0	0	0	0	0	0	0	0	0	0
N(VC>40):	0	0	0	0	0	0	0	0	0	0

Season: Summer
 Time delta: 10 minutes
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Height Domain (km) =====									
	All	< 4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	> 18
VC(P=0.5):	4.57	2.01	2.02	2.10	2.26	2.48	2.75	2.86	3.17	2.53
VC(P=0.9):	7.32	3.75	3.54	3.69	4.06	4.45	4.80	4.72	5.22	4.83
VC(P=0.95):	8.47	4.64	4.26	4.45	4.93	5.41	5.78	5.58	6.07	5.84
VC(P=0.99):	11.09	7.15	6.23	6.55	7.26	7.89	8.36	8.00	8.32	8.27
VC(P=0.99865):	14.25	10.56	9.08	9.29	10.04	11.17	11.84	11.39	11.06	11.44
Max VC :	26.97	26.97	16.71	20.00	21.77	19.72	20.28	23.05	17.50	18.94
Mean VC :	4.97	2.29	2.25	2.34	2.55	2.80	3.08	3.14	3.45	2.83
STDV VC :	1.81	1.30	1.11	1.14	1.27	1.38	1.44	1.34	1.41	1.60
N(Total):	136556	136556	136556	136556	136556	136556	136556	136556	136556	136556
N(VC>10):	2649	247	94	106	188	367	537	393	398	467
N(VC>20):	11	6	0	0	2	0	1	2	0	0
N(VC>30):	0	0	0	0	0	0	0	0	0	0
N(VC>40):	0	0	0	0	0	0	0	0	0	0

Season: Summer
 Time delta: 15 minutes
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Height Domain (km) =====									
	All	< 4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	> 18
VC(P=0.5):	5.13	2.24	2.34	2.41	2.59	2.86	3.20	3.36	3.79	3.18
VC(P=0.9):	7.76	4.05	4.04	4.14	4.49	4.89	5.29	5.32	5.93	5.63
VC(P=0.95):	8.84	4.90	4.81	4.96	5.38	5.80	6.20	6.15	6.80	6.64
VC(P=0.99):	11.34	7.07	6.81	7.08	7.66	8.09	8.60	8.32	8.91	9.09
VC(P=0.99865):	14.58	10.29	9.61	9.89	10.56	11.20	11.92	11.34	11.46	12.12
Max VC :	27.50	27.50	18.78	26.84	22.42	21.40	23.80	23.12	18.51	19.76
Mean VC :	5.49	2.51	2.59	2.67	2.88	3.16	3.50	3.62	4.05	3.48
STDV VC :	1.77	1.29	1.19	1.22	1.32	1.40	1.45	1.37	1.47	1.69
N(Total):	244175	244175	244175	244175	244175	244175	244175	244175	244175	244175
N(VC>10):	5822	394	265	300	484	691	1025	751	1094	1321
N(VC>20):	20	4	0	4	1	2	6	5	0	0
N(VC>30):	0	0	0	0	0	0	0	0	0	0
N(VC>40):	0	0	0	0	0	0	0	0	0	0

Season: Summer
 Time delta: 20 minutes
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Height Domain (km) =====									
	All	< 4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	> 18
VC(P=0.5):	5.59	2.41	2.52	2.65	2.91	3.20	3.50	3.62	3.98	3.24
VC(P=0.9):	8.57	4.31	4.30	4.62	5.17	5.62	5.92	5.82	6.24	5.77
VC(P=0.95):	9.77	5.28	5.20	5.61	6.22	6.74	7.02	6.83	7.20	6.81
VC(P=0.99):	12.39	7.84	7.62	7.90	8.73	9.42	9.81	9.32	9.51	9.39
VC(P=0.99865):	15.53	11.19	10.86	10.78	12.02	12.60	13.24	12.63	12.17	12.46
Max VC :	27.64	27.64	16.63	23.67	20.74	20.49	23.14	21.45	18.76	19.77
Mean VC :	5.99	2.70	2.79	2.95	3.25	3.57	3.86	3.93	4.26	3.54
STDV VC :	1.96	1.39	1.31	1.38	1.53	1.64	1.66	1.54	1.57	1.77
N(Total):	109279	109279	109279	109279	109279	109279	109279	109279	109279	109279
N(VC>10):	4736	310	258	247	466	766	974	706	772	748
N(VC>20):	14	3	0	2	2	3	2	2	0	0
N(VC>30):	0	0	0	0	0	0	0	0	0	0
N(VC>40):	0	0	0	0	0	0	0	0	0	0

Season: Summer
 Time delta: 25 minutes
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Height Domain (km) =====									
	All	< 4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	> 18
VC(P=0.5):	5.88	2.49	2.65	2.79	3.05	3.37	3.71	3.86	4.26	3.51
VC(P=0.9):	8.81	4.43	4.53	4.85	5.38	5.88	6.18	6.12	6.58	6.15
VC(P=0.95):	10.01	5.39	5.44	5.88	6.47	6.97	7.28	7.12	7.54	7.20
VC(P=0.99):	12.67	7.86	7.86	8.21	9.00	9.67	10.01	9.53	9.82	9.76
VC(P=0.99865):	15.96	11.29	11.13	11.16	12.30	12.88	13.39	12.86	12.44	12.91
Max VC :	26.77	26.77	18.43	23.69	19.13	20.65	23.79	22.90	18.75	19.87
Mean VC :	6.26	2.78	2.93	3.10	3.41	3.75	4.07	4.17	4.54	3.82
STDV VC :	1.96	1.40	1.35	1.43	1.58	1.68	1.69	1.57	1.60	1.83
N(Total):	123350	123350	123350	123350	123350	123350	123350	123350	123350	123350
N(VC>10):	6200	351	331	384	650	986	1244	912	1091	1050
N(VC>20):	10	2	0	4	0	2	1	2	0	0
N(VC>30):	0	0	0	0	0	0	0	0	0	0
N(VC>40):	0	0	0	0	0	0	0	0	0	0

Season: Summer
 Time delta: 30 minutes
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Height Domain (km) =====									
	All	< 4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	> 18
VC(P=0.5):	6.10	2.56	2.77	2.90	3.15	3.51	3.90	4.08	4.56	3.83
VC(P=0.9):	8.92	4.53	4.72	5.01	5.47	5.96	6.33	6.34	6.94	6.51
VC(P=0.95):	10.06	5.43	5.61	6.01	6.53	7.00	7.37	7.27	7.88	7.58
VC(P=0.99):	12.62	7.70	7.91	8.38	9.05	9.50	9.91	9.50	10.09	10.09
VC(P=0.99865):	15.97	11.07	11.31	11.47	12.34	12.69	13.12	12.59	12.60	13.24
Max VC :	30.12	30.12	18.63	26.99	20.15	20.95	25.40	24.65	19.37	21.04
Mean VC :	6.45	2.84	3.06	3.22	3.51	3.86	4.23	4.37	4.84	4.13
STDV VC :	1.91	1.39	1.37	1.45	1.57	1.65	1.67	1.56	1.63	1.86
N(Total):	192670	192670	192670	192670	192670	192670	192670	192670	192670	192670
N(VC>10):	9946	457	557	636	1048	1416	1826	1370	2072	2029
N(VC>20):	25	5	0	5	2	5	4	4	0	4
N(VC>30):	1	1	0	0	0	0	0	0	0	0
N(VC>40):	0	0	0	0	0	0	0	0	0	0

Season: Summer
 Time delta: 45 minutes
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Height Domain (km) =====									
	All	< 4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	> 18
VC(P=0.5):	6.73	2.76	3.07	3.24	3.54	3.97	4.40	4.60	5.07	4.24
VC(P=0.9):	9.66	4.81	5.17	5.54	6.09	6.68	7.05	7.06	7.63	7.11
VC(P=0.95):	10.82	5.75	6.12	6.60	7.20	7.78	8.14	8.07	8.59	8.22
VC(P=0.99):	13.50	8.04	8.52	9.10	9.83	10.45	10.80	10.39	10.81	10.82
VC(P=0.99865):	16.84	11.46	12.16	12.43	13.25	13.79	14.24	13.39	13.44	14.11
Max VC :	28.38	27.60	19.22	28.38	25.50	23.35	25.41	22.21	22.84	23.57
Mean VC :	7.08	3.05	3.37	3.59	3.92	4.35	4.75	4.89	5.36	4.56
STDV VC :	1.99	1.45	1.47	1.57	1.71	1.81	1.81	1.70	1.74	1.99
N(Total):	178965	178965	178965	178965	178965	178965	178965	178965	178965	178965
N(VC>10):	14675	525	808	1016	1628	2360	2829	2312	3232	2978
N(VC>20):	44	7	0	3	8	6	9	3	2	8
N(VC>30):	0	0	0	0	0	0	0	0	0	0
N(VC>40):	0	0	0	0	0	0	0	0	0	0

Season: Summer
 Time delta: 60 minutes
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Height Domain (km) =====									
	All	< 4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	> 18
VC(P=0.5):	7.24	2.92	3.31	3.52	3.86	4.34	4.83	5.01	5.52	4.60
VC(P=0.9):	10.23	5.03	5.55	5.92	6.57	7.23	7.66	7.63	8.19	7.60
VC(P=0.95):	11.42	5.96	6.54	7.02	7.70	8.41	8.79	8.65	9.19	8.70
VC(P=0.99):	14.18	8.30	9.02	9.66	10.32	11.23	11.49	11.02	11.42	11.30
VC(P=0.99865):	17.66	11.69	12.66	12.85	14.18	14.74	15.11	14.09	14.11	14.57
Max VC :	27.81	27.74	23.56	27.81	27.24	24.58	26.02	24.56	19.98	22.55
Mean VC :	7.59	3.21	3.63	3.87	4.25	4.74	5.19	5.31	5.80	4.91
STDV VC :	2.05	1.48	1.54	1.65	1.80	1.95	1.93	1.79	1.82	2.07
N(Total):	199606	199606	199606	199606	199606	199606	199606	199606	199606	199606
N(VC>10):	22799	669	1145	1611	2425	4047	4725	4015	5477	4455
N(VC>20):	91	4	3	6	14	29	29	5	0	9
N(VC>30):	0	0	0	0	0	0	0	0	0	0
N(VC>40):	0	0	0	0	0	0	0	0	0	0

Season: Summer
 Time delta: 75 minutes
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Height Domain (km) =====									
	All	< 4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	> 18
VC(P=0.5):	7.67	3.07	3.51	3.73	4.11	4.64	5.16	5.37	5.87	4.86
VC(P=0.9):	10.75	5.25	5.83	6.22	6.93	7.73	8.18	8.14	8.64	7.94
VC(P=0.95):	11.99	6.19	6.86	7.35	8.10	9.00	9.36	9.23	9.65	9.07
VC(P=0.99):	14.86	8.49	9.41	10.14	10.86	12.07	12.30	11.66	11.91	11.57
VC(P=0.99865):	18.77	12.14	13.07	13.60	14.88	16.11	16.30	14.73	14.51	14.80
Max VC :	29.50	27.71	20.26	27.60	29.50	25.62	26.97	26.22	19.25	23.56
Mean VC :	8.02	3.36	3.84	4.10	4.51	5.06	5.54	5.68	6.15	5.17
STDV VC :	2.14	1.52	1.61	1.72	1.90	2.09	2.07	1.90	1.89	2.12
N(Total):	189862	189862	189862	189862	189862	189862	189862	189862	189862	189862
N(VC>10):	29049	798	1362	2030	3117	5489	6543	5718	7412	5256
N(VC>20):	148	6	1	18	20	37	71	13	0	10
N(VC>30):	0	0	0	0	0	0	0	0	0	0
N(VC>40):	0	0	0	0	0	0	0	0	0	0

Season: Summer
 Time delta: 90 minutes
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Height Domain (km) =====									
	All	< 4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	> 18
VC(P=0.5):	8.05	3.19	3.68	3.93	4.33	4.89	5.45	5.70	6.18	5.09
VC(P=0.9):	11.24	5.43	6.06	6.50	7.27	8.15	8.67	8.63	9.05	8.25
VC(P=0.95):	12.49	6.37	7.11	7.63	8.48	9.51	9.92	9.72	10.08	9.39
VC(P=0.99):	15.52	8.69	9.70	10.39	11.34	12.72	12.98	12.24	12.34	11.91
VC(P=0.99865):	19.70	12.21	13.69	14.12	15.87	17.14	16.90	15.44	15.11	15.10
Max VC :	30.47	27.97	23.60	28.16	30.47	28.79	29.41	25.33	19.72	25.21
Mean VC :	8.42	3.49	4.02	4.30	4.74	5.34	5.85	6.01	6.46	5.40
STDV VC :	2.22	1.55	1.66	1.77	1.99	2.21	2.19	2.00	1.96	2.18
N(Total):	162067	162067	162067	162067	162067	162067	162067	162067	162067	162067
N(VC>10):	31841	710	1380	2027	3369	6356	7737	6754	8540	5552
N(VC>20):	198	4	9	23	42	54	80	20	0	11
N(VC>30):	1	0	0	0	1	0	0	0	0	0
N(VC>40):	0	0	0	0	0	0	0	0	0	0

Season: Summer
 Time delta: 120 minutes
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Height Domain (km) =====									
	All	< 4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	> 18
VC(P=0.5):	8.89	3.41	4.02	4.33	4.78	5.45	6.11	6.32	6.86	5.64
VC(P=0.9):	12.32	5.79	6.57	7.09	8.01	9.10	9.68	9.52	9.94	8.99
VC(P=0.95):	13.63	6.81	7.67	8.30	9.38	10.63	11.04	10.70	11.02	10.20
VC(P=0.99):	16.90	9.24	10.39	11.27	12.70	14.37	14.45	13.27	13.32	12.76
VC(P=0.99865):	21.70	12.66	14.50	15.26	17.85	19.75	18.40	16.61	16.02	16.21
Max VC :	32.97	30.48	25.15	30.35	27.77	32.90	32.97	26.45	23.85	26.10
Mean VC :	9.28	3.72	4.38	4.72	5.24	5.96	6.54	6.65	7.15	5.96
STDV VC :	2.39	1.65	1.77	1.91	2.21	2.50	2.43	2.19	2.11	2.31
N(Total):	149702	149702	149702	149702	149702	149702	149702	149702	149702	149702
N(VC>10):	47151	967	1868	2861	5541	9928	12764	11307	14384	8395
N(VC>20):	395	7	13	15	93	182	108	38	8	29
N(VC>30):	12	1	0	2	0	4	9	0	0	0
N(VC>40):	0	0	0	0	0	0	0	0	0	0

Season: Trans
 Time delta: 5 minutes
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Height Domain (km) =====									
	All	< 4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	> 18
VC(P=0.5):	3.42	1.61	1.36	1.39	1.53	1.76	1.94	1.99	2.03	1.44
VC(P=0.9):	6.02	3.55	2.71	2.70	2.92	3.34	3.70	3.70	3.86	3.25
VC(P=0.95):	7.17	4.80	3.34	3.35	3.58	4.06	4.51	4.47	4.67	4.10
VC(P=0.99):	9.85	7.89	5.12	5.18	5.40	6.11	6.69	6.47	6.73	6.22
VC(P=0.99865):	13.75	11.98	7.74	7.73	8.22	9.25	9.93	9.61	9.75	8.98
Max VC :	28.87	28.87	14.15	14.41	19.70	20.78	25.06	19.96	16.39	15.03
Mean VC :	3.83	1.98	1.59	1.61	1.77	2.03	2.24	2.27	2.32	1.75
STDV VC :	1.74	1.48	0.95	0.94	0.99	1.12	1.23	1.18	1.24	1.22
N(Total):	124975	124975	124975	124975	124975	124975	124975	124975	124975	124975
N(VC>10):	1131	407	26	29	48	114	161	136	148	84
N(VC>20):	23	18	0	0	0	2	3	0	0	0
N(VC>30):	0	0	0	0	0	0	0	0	0	0
N(VC>40):	0	0	0	0	0	0	0	0	0	0

Season: Trans
 Time delta: 10 minutes
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Height Domain (km) =====									
	All	< 4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	> 18
VC(P=0.5):	4.46	2.09	1.83	1.90	2.12	2.45	2.73	2.80	2.86	2.16
VC(P=0.9):	7.26	4.49	3.50	3.54	3.81	4.35	4.81	4.80	4.95	4.29
VC(P=0.95):	8.35	5.71	4.32	4.36	4.61	5.20	5.71	5.65	5.84	5.23
VC(P=0.99):	11.02	8.57	6.51	6.56	6.71	7.44	8.01	7.86	8.01	7.44
VC(P=0.99865):	14.73	12.65	9.30	9.40	9.73	10.57	11.31	10.95	10.96	10.10
Max VC :	29.19	29.19	14.60	26.10	19.71	21.33	26.52	19.89	20.24	23.22
Mean VC :	4.85	2.52	2.11	2.18	2.39	2.74	3.05	3.10	3.16	2.49
STDV VC :	1.86	1.64	1.17	1.16	1.19	1.32	1.43	1.37	1.41	1.43
N(Total):	140377	140377	140377	140377	140377	140377	140377	140377	140377	140377
N(VC>10):	2524	666	118	122	165	254	402	348	352	201
N(VC>20):	30	18	0	1	0	4	5	0	1	1
N(VC>30):	0	0	0	0	0	0	0	0	0	0
N(VC>40):	0	0	0	0	0	0	0	0	0	0

Season: Trans
 Time delta: 15 minutes
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Height Domain (km) =====									
	All	< 4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	> 18
VC(P=0.5):	5.21	2.31	2.17	2.30	2.59	3.05	3.44	3.49	3.58	2.80
VC(P=0.9):	7.96	4.74	4.04	4.14	4.47	5.15	5.74	5.68	5.81	5.11
VC(P=0.95):	9.02	5.90	4.95	5.04	5.32	6.01	6.67	6.55	6.74	6.06
VC(P=0.99):	11.50	8.64	7.26	7.27	7.44	8.16	8.91	8.73	8.88	8.40
VC(P=0.99865):	15.07	12.64	10.42	10.09	10.34	10.90	11.93	11.36	11.54	11.21
Max VC :	30.97	29.93	21.63	27.40	30.97	24.05	25.18	23.05	19.18	21.17
Mean VC :	5.56	2.73	2.49	2.60	2.87	3.33	3.75	3.78	3.87	3.12
STDV VC :	1.86	1.64	1.30	1.28	1.31	1.43	1.56	1.48	1.51	1.56
N(Total):	259932	259932	259932	259932	259932	259932	259932	259932	259932	259932
N(VC>10):	6804	1249	443	371	436	647	1253	993	1119	823
N(VC>20):	48	25	1	3	6	8	4	2	0	1
N(VC>30):	1	0	0	0	1	0	0	0	0	0
N(VC>40):	0	0	0	0	0	0	0	0	0	0

Season: Trans
 Time delta: 20 minutes
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Height Domain (km) =====									
	All	< 4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	> 18
VC(P=0.5):	5.40	2.60	2.38	2.51	2.80	3.16	3.45	3.51	3.56	2.79
VC(P=0.9):	8.33	5.34	4.45	4.61	4.94	5.41	5.76	5.70	5.76	5.06
VC(P=0.95):	9.47	6.59	5.48	5.64	5.92	6.37	6.72	6.60	6.68	6.02
VC(P=0.99):	12.20	9.45	8.09	8.12	8.30	8.76	9.11	8.93	8.89	8.38
VC(P=0.99865):	16.07	13.99	11.23	11.22	11.31	11.77	12.31	11.86	11.91	11.09
Max VC :	28.85	28.85	21.18	22.98	19.05	22.02	26.38	27.72	21.21	17.49
Mean VC :	5.79	3.07	2.73	2.85	3.12	3.48	3.78	3.81	3.86	3.09
STDV VC :	1.97	1.81	1.43	1.44	1.47	1.53	1.57	1.50	1.51	1.56
N(Total):	111382	111382	111382	111382	111382	111382	111382	111382	111382	111382
N(VC>10):	4071	839	320	349	376	480	630	527	546	372
N(VC>20):	31	18	1	2	0	5	3	1	1	0
N(VC>30):	0	0	0	0	0	0	0	0	0	0
N(VC>40):	0	0	0	0	0	0	0	0	0	0

Season: Trans
 Time delta: 25 minutes
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Height Domain (km) =====									
	All	< 4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	> 18
VC(P=0.5):	5.76	2.70	2.54	2.69	3.02	3.45	3.79	3.82	3.89	3.07
VC(P=0.9):	8.70	5.43	4.72	4.93	5.30	5.83	6.20	6.10	6.18	5.44
VC(P=0.95):	9.87	6.66	5.79	5.98	6.30	6.82	7.21	7.02	7.11	6.41
VC(P=0.99):	12.57	9.54	8.46	8.57	8.78	9.22	9.65	9.31	9.36	8.73
VC(P=0.99865):	16.61	14.02	11.69	11.87	12.06	12.51	13.05	12.18	12.26	11.58
Max VC :	28.89	28.89	22.27	22.85	21.40	20.80	26.07	27.57	21.30	22.24
Mean VC :	6.14	3.16	2.90	3.05	3.36	3.78	4.11	4.12	4.18	3.37
STDV VC :	2.00	1.81	1.50	1.52	1.55	1.62	1.66	1.56	1.57	1.62
N(Total):	127238	127238	127238	127238	127238	127238	127238	127238	127238	127238
N(VC>10):	5868	1005	481	538	604	748	1026	801	829	547
N(VC>20):	37	19	2	2	1	3	5	2	2	1
N(VC>30):	0	0	0	0	0	0	0	0	0	0
N(VC>40):	0	0	0	0	0	0	0	0	0	0

Season: Trans
 Time delta: 30 minutes
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Height Domain (km) =====									
	All	< 4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	> 18
VC(P=0.5):	6.15	2.71	2.70	2.89	3.27	3.80	4.21	4.22	4.28	3.40
VC(P=0.9):	9.06	5.41	4.95	5.20	5.64	6.30	6.75	6.57	6.64	5.87
VC(P=0.95):	10.20	6.61	6.03	6.30	6.67	7.32	7.76	7.50	7.57	6.87
VC(P=0.99):	12.94	9.45	8.81	8.85	9.22	9.69	10.20	9.72	9.74	9.22
VC(P=0.99865):	16.93	13.93	12.41	12.53	12.72	13.11	13.38	12.56	12.29	12.14
Max VC :	32.12	28.92	22.89	28.64	32.12	28.68	26.19	26.00	21.22	22.65
Mean VC :	6.51	3.16	3.07	3.25	3.61	4.12	4.52	4.50	4.56	3.71
STDV VC :	2.00	1.79	1.56	1.58	1.63	1.70	1.74	1.61	1.61	1.69
N(Total):	205759	205759	205759	205759	205759	205759	205759	205759	205759	205759
N(VC>10):	11652	1516	1073	1061	1293	1663	2354	1680	1686	1196
N(VC>20):	69	27	4	8	15	5	8	1	2	2
N(VC>30):	1	0	0	0	1	0	0	0	0	0
N(VC>40):	0	0	0	0	0	0	0	0	0	0

Season: Trans
 Time delta: 45 minutes
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Height Domain (km) =====									
	All	< 4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	> 18
VC(P=0.5):	6.83	2.97	3.06	3.31	3.77	4.36	4.79	4.74	4.80	3.83
VC(P=0.9):	9.88	5.74	5.54	5.90	6.48	7.17	7.54	7.24	7.27	6.45
VC(P=0.95):	11.12	6.95	6.70	7.10	7.65	8.32	8.62	8.20	8.22	7.45
VC(P=0.99):	14.15	9.90	9.75	9.98	10.53	11.10	11.20	10.47	10.40	9.81
VC(P=0.99865):	18.57	14.57	13.86	14.03	14.58	14.85	14.90	13.34	13.06	12.98
Max VC :	31.33	29.90	24.54	27.79	31.33	25.79	25.19	23.69	19.28	22.70
Mean VC :	7.20	3.42	3.47	3.72	4.16	4.72	5.11	5.02	5.07	4.13
STDV VC :	2.13	1.85	1.71	1.77	1.86	1.93	1.90	1.71	1.69	1.79
N(Total):	195545	195545	195545	195545	195545	195545	195545	195545	195545	195545
N(VC>10):	18298	1847	1729	1928	2578	3627	4105	2672	2616	1733
N(VC>20):	136	33	8	29	36	20	21	2	0	3
N(VC>30):	1	0	0	0	1	0	0	0	0	0
N(VC>40):	0	0	0	0	0	0	0	0	0	0

Season: Trans
 Time delta: 60 minutes
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Height Domain (km) =====									
	All	< 4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	> 18
VC(P=0.5):	7.39	3.13	3.33	3.66	4.18	4.82	5.29	5.19	5.24	4.20
VC(P=0.9):	10.59	5.87	5.96	6.41	7.13	7.92	8.21	7.81	7.81	6.92
VC(P=0.95):	11.91	7.07	7.17	7.67	8.38	9.20	9.35	8.80	8.76	7.97
VC(P=0.99):	15.22	10.01	10.45	10.84	11.57	12.31	12.12	11.05	10.92	10.35
VC(P=0.99865):	19.81	14.93	15.02	15.36	16.30	16.32	16.07	14.05	13.61	13.43
Max VC :	32.05	32.05	25.35	30.36	30.27	26.66	28.70	21.25	20.04	23.89
Mean VC :	7.78	3.56	3.76	4.08	4.60	5.23	5.62	5.47	5.51	4.50
STDV VC :	2.24	1.87	1.83	1.91	2.03	2.12	2.03	1.80	1.76	1.87
N(Total):	223358	223358	223358	223358	223358	223358	223358	223358	223358	223358
N(VC>10):	30392	2240	2727	3392	4735	7289	7627	4700	4422	2794
N(VC>20):	284	43	28	47	90	64	43	3	1	8
N(VC>30):	3	1	0	1	1	0	0	0	0	0
N(VC>40):	0	0	0	0	0	0	0	0	0	0

Season: Trans
 Time delta: 75 minutes
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Height Domain (km) =====									
	All	< 4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	> 18
VC(P=0.5):	7.85	3.32	3.60	3.97	4.55	5.23	5.68	5.53	5.59	4.47
VC(P=0.9):	11.23	6.19	6.36	6.91	7.72	8.64	8.82	8.27	8.23	7.27
VC(P=0.95):	12.68	7.42	7.62	8.21	9.10	10.05	10.06	9.29	9.19	8.31
VC(P=0.99):	16.36	10.44	11.17	11.62	12.55	13.63	13.10	11.63	11.27	10.61
VC(P=0.99865):	21.91	15.22	16.33	17.01	18.27	18.17	17.33	14.71	13.88	14.17
Max VC :	35.14	33.53	25.14	31.68	35.14	27.22	29.00	21.59	22.25	23.73
Mean VC :	8.28	3.77	4.04	4.41	5.00	5.68	6.05	5.82	5.85	4.77
STDV VC :	2.40	1.94	1.93	2.04	2.22	2.34	2.19	1.88	1.81	1.92
N(Total):	201769	201769	201769	201769	201769	201769	201769	201769	201769	201769
N(VC>10):	37254	2503	3218	4239	6368	10331	10416	6237	5490	3079
N(VC>20):	539	40	71	104	164	139	112	9	5	9
N(VC>30):	21	2	0	3	16	0	0	0	0	0
N(VC>40):	0	0	0	0	0	0	0	0	0	0

Season: Trans
 Time delta: 90 minutes
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Height Domain (km) =====									
	All	< 4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	> 18
VC(P=0.5):	8.30	3.49	3.83	4.25	4.89	5.61	6.05	5.85	5.90	4.72
VC(P=0.9):	11.90	6.41	6.70	7.33	8.31	9.31	9.42	8.75	8.65	7.59
VC(P=0.95):	13.48	7.70	8.01	8.74	9.75	10.87	10.75	9.83	9.64	8.64
VC(P=0.99):	17.49	10.86	11.80	12.37	13.52	14.84	14.10	12.21	11.87	10.95
VC(P=0.99865):	23.52	15.80	17.39	18.54	19.85	20.02	18.61	15.31	14.58	14.10
Max VC :	39.31	26.36	28.01	32.81	39.31	30.11	31.47	23.21	21.46	23.09
Mean VC :	8.77	3.93	4.30	4.72	5.37	6.11	6.44	6.16	6.17	5.01
STDV VC :	2.57	2.00	2.03	2.18	2.39	2.54	2.35	1.98	1.88	1.98
N(Total):	169983	169983	169983	169983	169983	169983	169983	169983	169983	169983
N(VC>10):	41087	2558	3385	4748	7530	12465	12543	7591	6529	3331
N(VC>20):	742	54	107	150	219	231	132	24	2	10
N(VC>30):	32	0	0	5	27	1	2	0	0	0
N(VC>40):	0	0	0	0	0	0	0	0	0	0

Season: Trans
 Time delta: 120 minutes
 All VC values shown are in units of m/s
 All N values shown are integer counts

	===== Height Domain (km) =====									
	All	< 4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	> 18
VC(P=0.5):	9.22	3.72	4.25	4.76	5.51	6.35	6.84	6.56	6.55	5.25
VC(P=0.9):	13.18	6.74	7.39	8.11	9.38	10.50	10.57	9.69	9.50	8.35
VC(P=0.95):	14.93	8.06	8.85	9.65	11.02	12.30	12.06	10.85	10.54	9.50
VC(P=0.99):	19.48	11.61	13.11	13.83	15.20	16.85	15.76	13.43	12.83	11.90
VC(P=0.99865):	25.56	16.63	18.91	20.69	21.71	22.37	20.72	16.79	15.44	15.02
Max VC :	45.99	30.92	31.81	34.00	45.99	44.96	31.07	28.86	21.19	24.02
Mean VC :	9.74	4.18	4.75	5.27	6.07	6.92	7.27	6.87	6.83	5.56
STDV VC :	2.82	2.11	2.24	2.40	2.68	2.88	2.60	2.17	2.01	2.12
N(Total):	177278	177278	177278	177278	177278	177278	177278	177278	177278	177278
N(VC>10):	66287	3531	5258	7633	13598	21565	23005	14795	12781	6436
N(VC>20):	1474	76	175	294	410	596	309	54	3	9
N(VC>30):	61	1	2	4	39	20	4	0	0	0
N(VC>40):	10	0	0	0	9	2	0	0	0	0

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 ===== SERIES 4: TIME DELTA INDEPENDENT VARIABLE TABLES =====

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Season: Annual

 Height domain: All heights

 All VC values shown are in units of m/s

 All N values shown are integer counts

	Time Delta (minutes)										
	5	10	15	20	25	30	45	60	75	90	120
VC(P=0.5):	3.51	4.58	5.30	5.56	5.93	6.27	6.93	7.48	7.96	8.42	9.27
VC(P=0.9):	6.14	7.44	8.11	8.64	8.99	9.28	10.10	10.75	11.46	12.15	13.33
VC(P=0.95):	7.31	8.60	9.22	9.88	10.23	10.50	11.40	12.13	12.96	13.79	15.18
VC(P=0.99):	10.04	11.38	11.84	12.84	13.19	13.47	14.62	15.59	16.84	18.08	20.19
VC(P=0.99865):	14.02	15.30	15.63	17.10	17.33	17.59	19.29	20.81	22.73	24.44	27.70
Max VC :	29.63	29.37	30.97	32.37	28.89	34.79	32.22	32.05	36.18	39.31	48.63
Mean VC :	3.93	4.99	5.67	5.98	6.33	6.66	7.33	7.89	8.42	8.91	9.83
STDV VC :	1.77	1.91	1.90	2.07	2.08	2.07	2.20	2.30	2.48	2.66	2.95
N(Total):	377142	422682	773303	335347	383147	610162	574500	652551	606258	516420	514817
N(VC>10):	3855	9206	23761	15644	21762	40531	60460	95769	121468	134287	196877
N(VC>20):	91	114	178	147	166	292	588	1154	1902	2709	5442
N(VC>30):	0	0	1	1	0	6	4	14	62	140	423
N(VC>40):	0	0	0	0	0	0	0	0	0	0	42

Season: Annual
 Height domain: < 4 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	Time Delta (minutes)										
	5	10	15	20	25	30	45	60	75	90	120
VC(P=0.5):	1.61	2.10	2.33	2.60	2.70	2.73	2.99	3.16	3.36	3.53	3.77
VC(P=0.9):	3.38	4.37	4.68	5.27	5.39	5.39	5.74	5.93	6.26	6.54	6.89
VC(P=0.95):	4.52	5.60	5.84	6.55	6.67	6.61	7.00	7.18	7.57	7.91	8.30
VC(P=0.99):	7.57	8.64	8.72	9.71	9.81	9.70	10.17	10.39	10.92	11.45	11.99
VC(P=0.99865):	12.09	13.17	13.10	14.50	14.45	14.35	15.05	15.28	15.92	16.53	17.55
Max VC :	29.63	29.37	29.93	28.85	28.89	34.79	32.22	32.05	33.53	35.10	37.24
Mean VC :	1.94	2.51	2.73	3.06	3.16	3.18	3.44	3.60	3.82	4.00	4.25
STDV VC :	1.41	1.62	1.64	1.82	1.83	1.81	1.89	1.91	2.00	2.09	2.19
N(Total):	377142	422682	773303	335347	383147	610162	574500	652551	606258	516420	514817
N(VC>10):	1166	2173	4081	2951	3509	5297	6251	7770	9149	9550	11975
N(VC>20):	61	68	97	80	82	119	160	187	202	214	312
N(VC>30):	0	0	0	0	0	5	3	3	10	14	20
N(VC>40):	0	0	0	0	0	0	0	0	0	0	0

Season: Annual
 Height domain: 4-6 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	Time Delta (minutes)										
	5	10	15	20	25	30	45	60	75	90	120
VC(P=0.5):	1.42	1.91	2.26	2.47	2.63	2.78	3.15	3.43	3.70	3.95	4.35
VC(P=0.9):	2.80	3.57	4.12	4.55	4.83	5.05	5.65	6.10	6.56	6.96	7.57
VC(P=0.95):	3.42	4.39	5.01	5.61	5.93	6.16	6.84	7.33	7.89	8.36	9.10
VC(P=0.99):	5.19	6.61	7.37	8.31	8.74	8.98	10.00	10.69	11.47	12.22	13.42
VC(P=0.99865):	7.84	9.53	10.53	11.65	12.25	12.86	14.31	15.41	16.70	18.12	20.21
Max VC :	21.83	19.06	21.63	21.40	22.66	22.89	25.94	29.11	33.70	34.51	40.08
Mean VC :	1.65	2.19	2.56	2.82	2.99	3.15	3.56	3.86	4.17	4.44	4.88
STDV VC :	0.96	1.18	1.30	1.47	1.54	1.59	1.75	1.87	2.01	2.14	2.34
N(Total):	377142	422682	773303	335347	383147	610162	574500	652551	606258	516420	514817
N(VC>10):	75	420	1434	1253	1843	3580	5738	8824	11164	12394	17551
N(VC>20):	1	0	1	3	6	18	67	169	280	429	737
N(VC>30):	0	0	0	0	0	0	0	0	10	21	72
N(VC>40):	0	0	0	0	0	0	0	0	0	0	1

Season: Annual
 Height domain: 6-8 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	Time Delta (minutes)										
	5	10	15	20	25	30	45	60	75	90	120
VC(P=0.5):	1.47	2.00	2.39	2.61	2.79	2.97	3.39	3.72	4.03	4.32	4.80
VC(P=0.9):	2.83	3.67	4.25	4.78	5.10	5.35	6.06	6.58	7.12	7.61	8.33
VC(P=0.95):	3.47	4.49	5.15	5.86	6.22	6.49	7.31	7.91	8.55	9.15	9.98
VC(P=0.99):	5.25	6.74	7.47	8.44	8.91	9.26	10.48	11.38	12.35	13.35	14.66
VC(P=0.99865):	7.95	9.65	10.54	11.83	12.43	13.24	15.04	16.43	17.99	19.98	22.81
Max VC :	20.02	26.10	27.40	32.37	26.43	28.64	28.38	30.36	36.18	37.97	48.63
Mean VC :	1.70	2.28	2.69	2.96	3.16	3.36	3.82	4.18	4.53	4.85	5.37
STDV VC :	0.96	1.19	1.31	1.50	1.58	1.64	1.84	1.99	2.17	2.34	2.58
N(Total):	377142	422682	773303	335347	383147	610162	574500	652551	606258	516420	514817
N(VC>10):	96	457	1517	1320	2074	4150	7245	12032	15900	17903	25472
N(VC>20):	1	1	11	5	12	28	107	287	466	691	1275
N(VC>30):	0	0	0	1	0	0	0	5	14	68	162
N(VC>40):	0	0	0	0	0	0	0	0	0	0	30

Season: Annual
 Height domain: 8-10 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	Time Delta (minutes)										
	5	10	15	20	25	30	45	60	75	90	120
VC(P=0.5):	1.62	2.22	2.66	2.90	3.11	3.32	3.80	4.19	4.55	4.88	5.43
VC(P=0.9):	3.05	3.98	4.61	5.16	5.50	5.79	6.61	7.24	7.87	8.49	9.42
VC(P=0.95):	3.73	4.82	5.49	6.20	6.58	6.89	7.84	8.56	9.34	10.05	11.24
VC(P=0.99):	5.66	7.09	7.74	8.80	9.25	9.62	10.95	12.03	13.17	14.32	16.20
VC(P=0.99865):	8.56	10.09	10.86	12.23	12.88	13.39	15.35	17.01	19.02	20.61	23.67
Max VC :	26.83	26.64	30.97	26.28	26.19	32.12	31.33	30.38	35.33	39.31	45.99
Mean VC :	1.86	2.50	2.95	3.25	3.48	3.70	4.22	4.65	5.04	5.42	6.04
STDV VC :	1.03	1.25	1.36	1.55	1.63	1.69	1.92	2.10	2.31	2.52	2.83
N(Total):	377142	422682	773303	335347	383147	610162	574500	652551	606258	516420	514817
N(VC>10):	190	605	1795	1639	2530	4949	9191	16039	22260	26408	41078
N(VC>20):	1	3	11	4	6	27	104	309	572	841	1866
N(VC>30):	0	0	1	0	0	1	1	2	22	42	153
N(VC>40):	0	0	0	0	0	0	0	0	0	0	9

Season: Annual
 Height domain: 10-12 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	Time Delta (minutes)										
	5	10	15	20	25	30	45	60	75	90	120
VC(P=0.5):	1.84	2.55	3.10	3.28	3.55	3.83	4.37	4.82	5.22	5.58	6.25
VC(P=0.9):	3.48	4.52	5.25	5.64	6.05	6.41	7.24	7.95	8.67	9.33	10.47
VC(P=0.95):	4.28	5.43	6.16	6.70	7.11	7.48	8.44	9.25	10.12	10.94	12.33
VC(P=0.99):	6.49	7.80	8.40	9.26	9.71	10.03	11.36	12.55	13.85	15.03	17.16
VC(P=0.99865):	9.84	11.15	11.47	12.77	13.27	13.63	15.25	16.94	18.64	20.37	23.34
Max VC :	26.11	26.35	26.46	26.57	25.93	28.68	26.20	30.63	34.64	33.79	44.96
Mean VC :	2.12	2.85	3.39	3.62	3.90	4.18	4.75	5.24	5.68	6.09	6.84
STDV VC :	1.18	1.38	1.47	1.62	1.70	1.76	1.97	2.16	2.39	2.60	2.95
N(Total):	377142	422682	773303	335347	383147	610162	574500	652551	606258	516420	514817
N(VC>10):	465	1065	2580	2172	3194	6203	12001	22338	32013	38552	61524
N(VC>20):	4	7	18	12	16	28	67	224	454	800	2136
N(VC>30):	0	0	0	0	0	0	0	1	6	5	84
N(VC>40):	0	0	0	0	0	0	0	0	0	0	3

Season: Annual
 Height domain: 12-14 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	Time Delta (minutes)										
	5	10	15	20	25	30	45	60	75	90	120
VC(P=0.5):	2.03	2.82	3.47	3.57	3.88	4.23	4.78	5.25	5.64	6.00	6.73
VC(P=0.9):	3.82	4.93	5.78	5.95	6.36	6.80	7.54	8.17	8.77	9.37	10.45
VC(P=0.95):	4.67	5.89	6.75	6.98	7.39	7.84	8.62	9.30	9.99	10.66	11.93
VC(P=0.99):	7.01	8.32	9.06	9.57	9.96	10.29	11.21	12.02	12.98	13.90	15.51
VC(P=0.99865):	10.41	11.70	12.18	13.24	13.55	13.66	14.85	15.84	17.05	18.31	20.30
Max VC :	25.06	26.52	25.18	26.38	26.07	26.19	27.87	31.16	32.42	32.88	36.08
Mean VC :	2.33	3.15	3.79	3.91	4.21	4.55	5.11	5.59	6.00	6.39	7.16
STDV VC :	1.27	1.46	1.57	1.65	1.71	1.76	1.90	2.02	2.18	2.33	2.59
N(Total):	377142	422682	773303	335347	383147	610162	574500	652551	606258	516420	514817
N(VC>10):	628	1523	4150	2611	3716	7393	11983	21195	30114	36757	63554
N(VC>20):	10	17	21	24	21	46	67	123	271	363	785
N(VC>30):	0	0	0	0	0	0	0	3	2	4	29
N(VC>40):	0	0	0	0	0	0	0	0	0	0	0

Season: Annual
 Height domain: 14-16 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	Time Delta (minutes)										
	5	10	15	20	25	30	45	60	75	90	120
VC(P=0.5):	2.08	2.90	3.56	3.63	3.94	4.29	4.81	5.25	5.61	5.95	6.60
VC(P=0.9):	3.82	4.93	5.79	5.88	6.30	6.72	7.38	7.93	8.45	8.96	9.83
VC(P=0.95):	4.63	5.82	6.71	6.84	7.27	7.69	8.38	8.95	9.53	10.08	11.05
VC(P=0.99):	6.73	8.12	8.91	9.24	9.63	9.96	10.72	11.33	12.00	12.64	13.79
VC(P=0.99865):	9.95	11.30	11.76	12.58	12.84	12.97	13.76	14.40	15.22	15.92	17.35
Max VC :	26.82	25.30	26.08	27.72	27.57	28.25	26.85	26.96	28.73	28.08	30.84
Mean VC :	2.36	3.20	3.86	3.94	4.25	4.59	5.10	5.54	5.92	6.27	6.93
STDV VC :	1.22	1.41	1.51	1.55	1.61	1.66	1.76	1.85	1.95	2.06	2.24
N(Total):	377142	422682	773303	335347	383147	610162	574500	652551	606258	516420	514817
N(VC>10):	492	1277	3536	2055	2998	5947	9336	15938	22268	27156	46855
N(VC>20):	6	6	9	7	6	9	14	17	54	86	181
N(VC>30):	0	0	0	0	0	0	0	0	0	0	2
N(VC>40):	0	0	0	0	0	0	0	0	0	0	0

Season: Annual
 Height domain: 16-18 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	Time Delta (minutes)										
	5	10	15	20	25	30	45	60	75	90	120
VC(P=0.5):	2.14	3.02	3.73	3.76	4.09	4.47	4.99	5.43	5.80	6.13	6.76
VC(P=0.9):	4.01	5.13	6.00	6.03	6.45	6.89	7.54	8.08	8.55	9.00	9.81
VC(P=0.95):	4.82	6.03	6.92	6.98	7.40	7.85	8.51	9.07	9.56	10.05	10.90
VC(P=0.99):	6.93	8.23	9.07	9.29	9.69	10.09	10.75	11.31	11.81	12.35	13.29
VC(P=0.99865):	10.00	11.17	11.78	12.30	12.66	12.92	13.55	14.15	14.65	15.18	16.07
Max VC :	26.31	26.55	26.55	26.55	26.96	28.46	29.18	29.60	25.92	24.03	25.82
Mean VC :	2.44	3.31	4.02	4.05	4.38	4.75	5.26	5.71	6.07	6.41	7.05
STDV VC :	1.27	1.45	1.54	1.57	1.63	1.67	1.75	1.82	1.89	1.97	2.10
N(Total):	377142	422682	773303	335347	383147	610162	574500	652551	606258	516420	514817
N(VC>10):	509	1246	3987	2101	3152	6521	9868	16656	22304	26679	45720
N(VC>20):	3	7	8	8	10	11	11	9	17	27	47
N(VC>30):	0	0	0	0	0	0	0	0	0	0	0
N(VC>40):	0	0	0	0	0	0	0	0	0	0	0

Season: Annual
 Height domain: > 18 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	Time Delta (minutes)										
	5	10	15	20	25	30	45	60	75	90	120
VC(P=0.5):	1.52	2.29	2.94	2.94	3.23	3.56	3.99	4.36	4.65	4.90	5.41
VC(P=0.9):	3.42	4.49	5.31	5.33	5.71	6.13	6.70	7.19	7.57	7.91	8.60
VC(P=0.95):	4.28	5.46	6.31	6.33	6.74	7.16	7.76	8.26	8.65	9.01	9.76
VC(P=0.99):	6.47	7.78	8.67	8.77	9.19	9.60	10.23	10.72	11.09	11.48	12.31
VC(P=0.99865):	9.45	10.76	11.64	11.80	12.28	12.76	13.48	13.91	14.30	14.58	15.58
Max VC :	24.76	24.74	24.80	25.02	25.02	24.95	29.63	26.97	27.60	26.36	26.32
Mean VC :	1.84	2.61	3.26	3.26	3.55	3.88	4.30	4.67	4.95	5.21	5.72
STDV VC :	1.27	1.49	1.61	1.64	1.71	1.76	1.87	1.94	2.01	2.07	2.20
N(Total):	377142	422682	773303	335347	383147	610162	574500	652551	606258	516420	514817
N(VC>10):	351	960	3089	1523	2237	4665	6695	10411	12410	13626	22271
N(VC>20):	4	5	6	5	8	19	31	37	34	35	65
N(VC>30):	0	0	0	0	0	0	0	0	0	0	0
N(VC>40):	0	0	0	0	0	0	0	0	0	0	0

Season: Winter
 Height domain: All heights
 All VC values shown are in units of m/s
 All N values shown are integer counts

	Time Delta (minutes)										
	5	10	15	20	25	30	45	60	75	90	120
VC(P=0.5):	3.50	4.71	5.57	5.71	6.15	6.56	7.23	7.77	8.35	8.89	9.64
VC(P=0.9):	6.29	7.71	8.51	9.00	9.40	9.80	10.65	11.35	12.24	13.12	14.31
VC(P=0.95):	7.47	8.94	9.68	10.35	10.75	11.13	12.13	12.92	13.98	15.01	16.53
VC(P=0.99):	10.48	12.02	12.58	13.80	14.10	14.41	15.81	16.94	18.33	19.86	22.58
VC(P=0.99865):	15.16	16.79	16.86	18.83	18.81	19.05	20.96	22.77	24.97	27.04	31.50
Max VC :	29.63	29.37	29.12	32.37	28.71	34.79	32.22	31.68	36.18	37.97	48.63
Mean VC :	3.96	5.14	5.95	6.17	6.58	6.98	7.68	8.26	8.89	9.49	10.35
STDV VC :	1.88	2.04	2.02	2.25	2.25	2.24	2.39	2.52	2.74	2.97	3.35
N(Total):	128973	145749	269196	114686	132559	211733	199990	229587	214627	184370	187837
N(VC>10):	1612	4033	11135	6837	9694	18933	27487	42578	55165	61359	83439
N(VC>20):	57	73	110	102	119	198	408	779	1215	1769	3573
N(VC>30):	0	0	0	1	0	4	3	11	41	107	350
N(VC>40):	0	0	0	0	0	0	0	0	0	0	32

Season: Winter
 Height domain: < 4 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	Time Delta (minutes)										
	5	10	15	20	25	30	45	60	75	90	120
VC(P=0.5):	1.62	2.21	2.46	2.84	2.95	2.98	3.29	3.45	3.73	3.97	4.19
VC(P=0.9):	3.55	4.88	5.21	6.01	6.13	6.09	6.49	6.68	7.12	7.51	7.80
VC(P=0.95):	4.86	6.26	6.53	7.45	7.60	7.49	7.93	8.12	8.62	9.08	9.44
VC(P=0.99):	8.25	9.66	9.80	11.05	11.10	11.07	11.56	11.73	12.42	13.11	13.56
VC(P=0.99865):	13.40	14.55	14.72	16.50	16.16	16.08	16.86	17.17	17.81	18.55	19.80
Max VC :	29.63	29.37	29.12	28.45	28.71	34.79	32.22	31.68	33.33	35.10	37.24
Mean VC :	2.00	2.71	2.95	3.40	3.50	3.50	3.81	3.98	4.27	4.52	4.74
STDV VC :	1.55	1.84	1.87	2.11	2.12	2.09	2.18	2.19	2.32	2.43	2.50
N(Total):	128973	145749	269196	114686	132559	211733	199990	229587	214627	184370	187837
N(VC>10):	616	1260	2438	1802	2153	3324	3879	4861	5848	6282	7477
N(VC>20):	38	44	68	59	61	87	120	140	156	156	229
N(VC>30):	0	0	0	0	0	4	3	2	8	14	18
N(VC>40):	0	0	0	0	0	0	0	0	0	0	0

Season: Winter
 Height domain: 4-6 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	Time Delta (minutes)										
	5	10	15	20	25	30	45	60	75	90	120
VC(P=0.5):	1.35	1.88	2.26	2.51	2.71	2.88	3.32	3.66	4.02	4.37	4.77
VC(P=0.9):	2.74	3.67	4.28	4.91	5.23	5.48	6.19	6.70	7.34	7.90	8.47
VC(P=0.95):	3.45	4.60	5.28	6.13	6.51	6.74	7.57	8.10	8.87	9.53	10.27
VC(P=0.99):	5.42	7.02	7.84	9.02	9.52	9.84	11.07	11.86	12.96	14.03	15.37
VC(P=0.99865):	8.22	10.05	11.15	12.57	13.27	14.03	15.98	17.40	18.95	20.97	24.09
Max VC :	15.77	19.06	19.28	21.40	22.66	22.75	25.94	29.11	33.70	34.51	40.08
Mean VC :	1.61	2.20	2.60	2.93	3.15	3.33	3.81	4.16	4.57	4.95	5.39
STDV VC :	0.99	1.26	1.40	1.63	1.71	1.77	1.98	2.11	2.30	2.48	2.69
N(Total):	128973	145749	269196	114686	132559	211733	199990	229587	214627	184370	187837
N(VC>10):	32	208	726	675	1031	1950	3201	4952	6584	7629	10425
N(VC>20):	0	0	0	2	4	14	59	138	208	313	549
N(VC>30):	0	0	0	0	0	0	0	0	10	21	70
N(VC>40):	0	0	0	0	0	0	0	0	0	0	1

Season: Winter
 Height domain: 6-8 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	Time Delta (minutes)										
	5	10	15	20	25	30	45	60	75	90	120
VC(P=0.5):	1.43	2.00	2.45	2.67	2.89	3.13	3.62	4.01	4.42	4.82	5.28
VC(P=0.9):	2.80	3.78	4.45	5.09	5.48	5.79	6.66	7.27	8.02	8.71	9.39
VC(P=0.95):	3.50	4.65	5.43	6.28	6.70	7.04	8.11	8.81	9.71	10.52	11.32
VC(P=0.99):	5.45	7.08	7.99	9.19	9.75	10.33	11.78	12.94	14.31	15.64	17.13
VC(P=0.99865):	8.21	10.21	11.35	13.05	13.66	14.60	16.88	19.03	20.75	23.07	27.19
Max VC :	14.38	19.57	23.98	32.37	26.43	26.11	26.32	30.27	36.18	37.97	48.63
Mean VC :	1.68	2.31	2.78	3.09	3.33	3.57	4.12	4.55	5.02	5.46	5.97
STDV VC :	0.98	1.25	1.41	1.65	1.74	1.82	2.08	2.28	2.51	2.75	3.02
N(Total):	128973	145749	269196	114686	132559	211733	199990	229587	214627	184370	187837
N(VC>10):	44	229	846	724	1152	2453	4301	7029	9631	11128	14978
N(VC>20):	0	0	4	1	6	15	75	234	344	518	966
N(VC>30):	0	0	0	1	0	0	0	4	11	63	156
N(VC>40):	0	0	0	0	0	0	0	0	0	0	30

Season: Winter
 Height domain: 8-10 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	Time Delta (minutes)										
	5	10	15	20	25	30	45	60	75	90	120
VC(P=0.5):	1.63	2.28	2.80	2.98	3.27	3.56	4.09	4.52	4.99	5.43	5.93
VC(P=0.9):	3.02	4.07	4.82	5.36	5.78	6.19	7.13	7.87	8.73	9.55	10.46
VC(P=0.95):	3.72	4.92	5.74	6.45	6.93	7.36	8.53	9.40	10.43	11.44	12.75
VC(P=0.99):	5.70	7.24	8.12	9.36	9.93	10.43	12.11	13.45	14.92	16.29	18.67
VC(P=0.99865):	8.60	10.38	11.44	13.15	13.71	14.34	16.68	18.78	20.93	22.88	26.75
Max VC :	26.83	26.64	26.47	26.28	26.19	25.95	28.07	30.38	35.33	36.81	39.45
Mean VC :	1.87	2.57	3.10	3.37	3.66	3.95	4.55	5.04	5.56	6.06	6.66
STDV VC :	1.02	1.27	1.42	1.63	1.73	1.82	2.11	2.33	2.60	2.86	3.23
N(Total):	128973	145749	269196	114686	132559	211733	199990	229587	214627	184370	187837
N(VC>10):	80	252	875	797	1276	2608	4985	8879	12775	15509	21939
N(VC>20):	1	1	4	2	5	10	60	205	388	580	1363
N(VC>30):	0	0	0	0	0	0	0	1	6	14	114
N(VC>40):	0	0	0	0	0	0	0	0	0	0	0

Season: Winter
 Height domain: 10-12 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	Time Delta (minutes)										
	5	10	15	20	25	30	45	60	75	90	120
VC(P=0.5):	1.90	2.70	3.37	3.47	3.81	4.19	4.77	5.26	5.74	6.20	6.82
VC(P=0.9):	3.58	4.73	5.59	5.88	6.38	6.85	7.73	8.49	9.36	10.17	11.32
VC(P=0.95):	4.42	5.64	6.54	6.94	7.47	7.96	9.02	9.91	10.97	11.96	13.48
VC(P=0.99):	6.61	8.01	8.81	9.61	10.18	10.74	12.30	13.60	15.11	16.47	18.90
VC(P=0.99865):	10.10	11.52	12.06	13.57	14.14	14.49	16.45	18.04	19.90	21.78	25.12
Max VC :	26.11	26.35	26.46	26.57	25.93	27.09	26.20	30.63	34.64	33.79	40.37
Mean VC :	2.20	3.01	3.66	3.81	4.16	4.53	5.15	5.68	6.23	6.74	7.48
STDV VC :	1.20	1.42	1.54	1.68	1.77	1.85	2.08	2.28	2.55	2.78	3.17
N(Total):	128973	145749	269196	114686	132559	211733	199990	229587	214627	184370	187837
N(VC>10):	184	444	1242	926	1460	3124	6014	11002	16193	19731	30031
N(VC>20):	2	3	8	4	11	18	41	131	278	515	1358
N(VC>30):	0	0	0	0	0	0	0	1	6	4	60
N(VC>40):	0	0	0	0	0	0	0	0	0	0	1

Season: Winter
 Height domain: 12-14 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	Time Delta (minutes)										
	5	10	15	20	25	30	45	60	75	90	120
VC(P=0.5):	2.10	2.99	3.76	3.74	4.12	4.57	5.11	5.58	6.03	6.44	7.10
VC(P=0.9):	3.94	5.16	6.18	6.16	6.63	7.19	7.87	8.47	9.15	9.80	10.85
VC(P=0.95):	4.84	6.11	7.16	7.18	7.65	8.22	8.95	9.60	10.36	11.09	12.39
VC(P=0.99):	7.10	8.55	9.48	9.79	10.17	10.66	11.51	12.28	13.31	14.33	15.94
VC(P=0.99865):	10.56	11.96	12.60	13.96	14.34	14.26	15.26	16.18	17.45	18.89	20.89
Max VC :	23.32	23.98	23.42	23.85	23.89	24.06	27.87	31.16	32.42	32.88	36.08
Mean VC :	2.40	3.31	4.08	4.07	4.44	4.87	5.42	5.90	6.37	6.82	7.55
STDV VC :	1.29	1.51	1.63	1.69	1.75	1.81	1.92	2.02	2.18	2.34	2.61
N(Total):	128973	145749	269196	114686	132559	211733	199990	229587	214627	184370	187837
N(VC>10):	227	584	1872	1007	1446	3213	5049	8843	13155	16477	27785
N(VC>20):	6	11	11	19	15	34	37	51	88	151	368
N(VC>30):	0	0	0	0	0	0	0	3	2	2	16
N(VC>40):	0	0	0	0	0	0	0	0	0	0	0

Season: Winter
 Height domain: 14-16 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	Time Delta (minutes)										
	5	10	15	20	25	30	45	60	75	90	120
VC(P=0.5):	2.11	3.04	3.83	3.76	4.14	4.57	5.08	5.51	5.91	6.28	6.86
VC(P=0.9):	3.99	5.23	6.25	6.10	6.59	7.12	7.74	8.26	8.82	9.39	10.19
VC(P=0.95):	4.84	6.15	7.20	7.06	7.57	8.12	8.76	9.30	9.94	10.53	11.48
VC(P=0.99):	6.93	8.44	9.41	9.44	9.94	10.46	11.17	11.78	12.52	13.26	14.37
VC(P=0.99865):	10.17	11.59	12.29	13.10	13.27	13.58	14.39	14.88	15.94	16.73	18.29
Max VC :	26.82	25.30	26.08	26.23	25.38	28.25	26.85	26.96	28.73	28.08	30.84
Mean VC :	2.43	3.35	4.14	4.07	4.44	4.87	5.37	5.81	6.22	6.61	7.21
STDV VC :	1.28	1.49	1.62	1.61	1.68	1.75	1.84	1.90	2.02	2.14	2.30
N(Total):	128973	145749	269196	114686	132559	211733	199990	229587	214627	184370	187837
N(VC>10):	182	536	1792	822	1285	2897	4352	7223	10313	12811	20753
N(VC>20):	4	4	2	4	2	4	9	9	32	42	89
N(VC>30):	0	0	0	0	0	0	0	0	0	0	2
N(VC>40):	0	0	0	0	0	0	0	0	0	0	0

Season: Winter
 Height domain: 16-18 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	Time Delta (minutes)										
	5	10	15	20	25	30	45	60	75	90	120
VC(P=0.5):	2.09	3.02	3.84	3.73	4.13	4.58	5.10	5.55	5.94	6.31	6.88
VC(P=0.9):	4.02	5.22	6.22	6.05	6.56	7.07	7.70	8.24	8.75	9.27	9.98
VC(P=0.95):	4.88	6.16	7.17	7.02	7.52	8.06	8.70	9.25	9.80	10.35	11.12
VC(P=0.99):	6.97	8.36	9.41	9.41	9.89	10.37	10.99	11.54	12.15	12.73	13.63
VC(P=0.99865):	10.17	11.55	12.34	13.04	13.30	13.63	14.05	14.66	15.30	15.65	16.78
Max VC :	26.31	26.55	26.55	26.55	26.96	28.46	29.18	29.60	25.92	24.03	25.82
Mean VC :	2.41	3.33	4.14	4.04	4.43	4.87	5.37	5.83	6.22	6.60	7.17
STDV VC :	1.30	1.50	1.61	1.61	1.68	1.73	1.80	1.86	1.95	2.04	2.15
N(Total):	128973	145749	269196	114686	132559	211733	199990	229587	214627	184370	187837
N(VC>10):	198	496	1774	783	1232	2763	4020	6757	9402	11610	18555
N(VC>20):	3	6	8	7	8	9	9	8	12	25	36
N(VC>30):	0	0	0	0	0	0	0	0	0	0	0
N(VC>40):	0	0	0	0	0	0	0	0	0	0	0

Season: Winter
 Height domain: > 18 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	Time Delta (minutes)										
	5	10	15	20	25	30	45	60	75	90	120
VC(P=0.5):	1.45	2.21	2.87	2.84	3.14	3.50	3.93	4.32	4.63	4.92	5.38
VC(P=0.9):	3.24	4.31	5.18	5.10	5.53	5.99	6.55	7.06	7.48	7.87	8.50
VC(P=0.95):	4.09	5.26	6.19	6.06	6.53	6.99	7.60	8.10	8.55	8.97	9.63
VC(P=0.99):	6.24	7.61	8.52	8.41	8.91	9.40	9.99	10.50	10.99	11.52	12.21
VC(P=0.99865):	9.16	10.54	11.43	11.38	11.92	12.86	13.23	13.50	14.03	14.37	15.37
Max VC :	24.76	24.74	24.80	25.02	25.02	24.95	29.63	26.97	27.60	26.36	26.32
Mean VC :	1.77	2.53	3.20	3.15	3.46	3.81	4.24	4.62	4.93	5.22	5.69
STDV VC :	1.21	1.43	1.57	1.55	1.63	1.71	1.81	1.88	1.96	2.04	2.15
N(Total):	128973	145749	269196	114686	132559	211733	199990	229587	214627	184370	187837
N(VC>10):	99	292	945	403	640	1440	1984	3162	4075	4743	7440
N(VC>20):	3	4	5	5	7	13	20	20	15	14	27
N(VC>30):	0	0	0	0	0	0	0	0	0	0	0
N(VC>40):	0	0	0	0	0	0	0	0	0	0	0

Season: Summer
 Height domain: All heights
 All VC values shown are in units of m/s
 All N values shown are integer counts

	Time Delta (minutes)										
	5	10	15	20	25	30	45	60	75	90	120
VC(P=0.5):	3.62	4.57	5.13	5.59	5.88	6.10	6.73	7.24	7.67	8.05	8.89
VC(P=0.9):	6.10	7.32	7.76	8.57	8.81	8.92	9.66	10.23	10.75	11.24	12.32
VC(P=0.95):	7.27	8.47	8.84	9.77	10.01	10.06	10.82	11.42	11.99	12.49	13.63
VC(P=0.99):	9.84	11.09	11.34	12.39	12.67	12.62	13.50	14.18	14.86	15.52	16.90
VC(P=0.99865):	13.29	14.25	14.58	15.53	15.96	15.97	16.84	17.66	18.77	19.70	21.70
Max VC :	26.86	26.97	27.50	27.64	26.77	30.12	28.38	27.81	29.50	30.47	32.97
Mean VC :	4.01	4.97	5.49	5.99	6.26	6.45	7.08	7.59	8.02	8.42	9.28
STDV VC :	1.67	1.81	1.77	1.96	1.96	1.91	1.99	2.05	2.14	2.22	2.39
N(Total):	123194	136556	244175	109279	123350	192670	178965	199606	189862	162067	149702
N(VC>10):	1112	2649	5822	4736	6200	9946	14675	22799	29049	31841	47151
N(VC>20):	11	11	20	14	10	25	44	91	148	198	395
N(VC>30):	0	0	0	0	0	1	0	0	0	1	12
N(VC>40):	0	0	0	0	0	0	0	0	0	0	0

Season: Summer
 Height domain: < 4 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	Time Delta (minutes)										
	5	10	15	20	25	30	45	60	75	90	120
VC(P=0.5):	1.60	2.01	2.24	2.41	2.49	2.56	2.76	2.92	3.07	3.19	3.41
VC(P=0.9):	3.08	3.75	4.05	4.31	4.43	4.53	4.81	5.03	5.25	5.43	5.79
VC(P=0.95):	3.90	4.64	4.90	5.28	5.39	5.43	5.75	5.96	6.19	6.37	6.81
VC(P=0.99):	6.28	7.15	7.07	7.84	7.86	7.70	8.04	8.30	8.49	8.69	9.24
VC(P=0.99865):	9.71	10.56	10.29	11.19	11.29	11.07	11.46	11.69	12.14	12.21	12.66
Max VC :	26.86	26.97	27.50	27.64	26.77	30.12	27.60	27.74	27.71	27.97	30.48
Mean VC :	1.83	2.29	2.51	2.70	2.78	2.84	3.05	3.21	3.36	3.49	3.72
STDV VC :	1.18	1.30	1.29	1.39	1.40	1.39	1.45	1.48	1.52	1.55	1.65
N(Total):	123194	136556	244175	109279	123350	192670	178965	199606	189862	162067	149702
N(VC>10):	143	247	394	310	351	457	525	669	798	710	967
N(VC>20):	5	6	4	3	2	5	7	4	6	4	7
N(VC>30):	0	0	0	0	0	1	0	0	0	0	1
N(VC>40):	0	0	0	0	0	0	0	0	0	0	0

Season: Summer
 Height domain: 4-6 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	Time Delta (minutes)										
	5	10	15	20	25	30	45	60	75	90	120
VC(P=0.5):	1.57	2.02	2.34	2.52	2.65	2.77	3.07	3.31	3.51	3.68	4.02
VC(P=0.9):	2.90	3.54	4.04	4.30	4.53	4.72	5.17	5.55	5.83	6.06	6.57
VC(P=0.95):	3.47	4.26	4.81	5.20	5.44	5.61	6.12	6.54	6.86	7.11	7.67
VC(P=0.99):	5.00	6.23	6.81	7.62	7.86	7.91	8.52	9.02	9.41	9.70	10.39
VC(P=0.99865):	7.39	9.08	9.61	10.86	11.13	11.31	12.16	12.66	13.07	13.69	14.50
Max VC :	21.83	16.71	18.78	16.63	18.43	18.63	19.22	23.56	20.26	23.60	25.15
Mean VC :	1.76	2.25	2.59	2.79	2.93	3.06	3.37	3.63	3.84	4.02	4.38
STDV VC :	0.94	1.11	1.19	1.31	1.35	1.37	1.47	1.54	1.61	1.66	1.77
N(Total):	123194	136556	244175	109279	123350	192670	178965	199606	189862	162067	149702
N(VC>10):	17	94	265	258	331	557	808	1145	1362	1380	1868
N(VC>20):	1	0	0	0	0	0	0	3	1	9	13
N(VC>30):	0	0	0	0	0	0	0	0	0	0	0
N(VC>40):	0	0	0	0	0	0	0	0	0	0	0

Season: Summer
 Height domain: 6-8 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	Time Delta (minutes)										
	5	10	15	20	25	30	45	60	75	90	120
VC(P=0.5):	1.62	2.10	2.41	2.65	2.79	2.90	3.24	3.52	3.73	3.93	4.33
VC(P=0.9):	2.96	3.69	4.14	4.62	4.85	5.01	5.54	5.92	6.22	6.50	7.09
VC(P=0.95):	3.54	4.45	4.96	5.61	5.88	6.01	6.60	7.02	7.35	7.63	8.30
VC(P=0.99):	5.15	6.55	7.08	7.90	8.21	8.38	9.10	9.66	10.14	10.39	11.27
VC(P=0.99865):	7.70	9.29	9.89	10.78	11.16	11.47	12.43	12.85	13.60	14.12	15.26
Max VC :	20.02	20.00	26.84	23.67	23.69	26.99	28.38	27.81	27.60	28.16	30.35
Mean VC :	1.81	2.34	2.67	2.95	3.10	3.22	3.59	3.87	4.10	4.30	4.72
STDV VC :	0.96	1.14	1.22	1.38	1.43	1.45	1.57	1.65	1.72	1.77	1.91
N(Total):	123194	136556	244175	109279	123350	192670	178965	199606	189862	162067	149702
N(VC>10):	23	106	300	247	384	636	1016	1611	2030	2027	2861
N(VC>20):	1	0	4	2	4	5	3	6	18	23	15
N(VC>30):	0	0	0	0	0	0	0	0	0	0	2
N(VC>40):	0	0	0	0	0	0	0	0	0	0	0

Season: Summer
 Height domain: 8-10 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	Time Delta (minutes)										
	5	10	15	20	25	30	45	60	75	90	120
VC(P=0.5):	1.71	2.26	2.59	2.91	3.05	3.15	3.54	3.86	4.11	4.33	4.78
VC(P=0.9):	3.19	4.06	4.49	5.17	5.38	5.47	6.09	6.57	6.93	7.27	8.01
VC(P=0.95):	3.87	4.93	5.38	6.22	6.47	6.53	7.20	7.70	8.10	8.48	9.38
VC(P=0.99):	5.80	7.26	7.66	8.73	9.00	9.05	9.83	10.32	10.86	11.34	12.70
VC(P=0.99865):	8.73	10.04	10.56	12.02	12.30	12.34	13.25	14.18	14.88	15.87	17.85
Max VC :	19.77	21.77	22.42	20.74	19.13	20.15	25.50	27.24	29.50	30.47	27.77
Mean VC :	1.94	2.55	2.88	3.25	3.41	3.51	3.92	4.25	4.51	4.74	5.24
STDV VC :	1.06	1.27	1.32	1.53	1.58	1.57	1.71	1.80	1.90	1.99	2.21
N(Total):	123194	136556	244175	109279	123350	192670	178965	199606	189862	162067	149702
N(VC>10):	62	188	484	466	650	1048	1628	2425	3117	3369	5541
N(VC>20):	0	2	1	2	0	2	8	14	20	42	93
N(VC>30):	0	0	0	0	0	0	0	0	0	1	0
N(VC>40):	0	0	0	0	0	0	0	0	0	0	0

Season: Summer
 Height domain: 10-12 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	Time Delta (minutes)										
	5	10	15	20	25	30	45	60	75	90	120
VC(P=0.5):	1.84	2.48	2.86	3.20	3.37	3.51	3.97	4.34	4.64	4.89	5.45
VC(P=0.9):	3.52	4.45	4.89	5.62	5.88	5.96	6.68	7.23	7.73	8.15	9.10
VC(P=0.95):	4.33	5.41	5.80	6.74	6.97	7.00	7.78	8.41	9.00	9.51	10.63
VC(P=0.99):	6.72	7.89	8.09	9.42	9.67	9.50	10.45	11.23	12.07	12.72	14.37
VC(P=0.99865):	10.01	11.17	11.20	12.60	12.88	12.69	13.79	14.74	16.11	17.14	19.75
Max VC :	18.27	19.72	21.40	20.49	20.65	20.95	23.35	24.58	25.62	28.79	32.90
Mean VC :	2.13	2.80	3.16	3.57	3.75	3.86	4.35	4.74	5.06	5.34	5.96
STDV VC :	1.20	1.38	1.40	1.64	1.68	1.65	1.81	1.95	2.09	2.21	2.50
N(Total):	123194	136556	244175	109279	123350	192670	178965	199606	189862	162067	149702
N(VC>10):	167	367	691	766	986	1416	2360	4047	5489	6356	9928
N(VC>20):	0	0	2	3	2	5	6	29	37	54	182
N(VC>30):	0	0	0	0	0	0	0	0	0	0	4
N(VC>40):	0	0	0	0	0	0	0	0	0	0	0

Season: Summer
 Height domain: 12-14 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	Time Delta (minutes)										
	5	10	15	20	25	30	45	60	75	90	120
VC(P=0.5):	2.05	2.75	3.20	3.50	3.71	3.90	4.40	4.83	5.16	5.45	6.11
VC(P=0.9):	3.82	4.80	5.29	5.92	6.18	6.33	7.05	7.66	8.18	8.67	9.68
VC(P=0.95):	4.66	5.78	6.20	7.02	7.28	7.37	8.14	8.79	9.36	9.92	11.04
VC(P=0.99):	7.23	8.36	8.60	9.81	10.01	9.91	10.80	11.49	12.30	12.98	14.45
VC(P=0.99865):	10.66	11.84	11.92	13.24	13.39	13.12	14.24	15.11	16.30	16.90	18.40
Max VC :	22.98	20.28	23.80	23.14	23.79	25.40	25.41	26.02	26.97	29.41	32.97
Mean VC :	2.35	3.08	3.50	3.86	4.07	4.23	4.75	5.19	5.54	5.85	6.54
STDV VC :	1.27	1.44	1.45	1.66	1.69	1.67	1.81	1.93	2.07	2.19	2.43
N(Total):	123194	136556	244175	109279	123350	192670	178965	199606	189862	162067	149702
N(VC>10):	240	537	1025	974	1244	1826	2829	4725	6543	7737	12764
N(VC>20):	1	1	6	2	1	4	9	29	71	80	108
N(VC>30):	0	0	0	0	0	0	0	0	0	0	9
N(VC>40):	0	0	0	0	0	0	0	0	0	0	0

Season: Summer
 Height domain: 14-16 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	Time Delta (minutes)										
	5	10	15	20	25	30	45	60	75	90	120
VC(P=0.5):	2.12	2.86	3.36	3.62	3.86	4.08	4.60	5.01	5.37	5.70	6.32
VC(P=0.9):	3.75	4.72	5.32	5.82	6.12	6.34	7.06	7.63	8.14	8.63	9.52
VC(P=0.95):	4.53	5.58	6.15	6.83	7.12	7.27	8.07	8.65	9.23	9.72	10.70
VC(P=0.99):	6.75	8.00	8.32	9.32	9.53	9.50	10.39	11.02	11.66	12.24	13.27
VC(P=0.99865):	10.13	11.39	11.34	12.63	12.86	12.59	13.39	14.09	14.73	15.44	16.61
Max VC :	22.39	23.05	23.12	21.45	22.90	24.65	22.21	24.56	26.22	25.33	26.45
Mean VC :	2.38	3.14	3.62	3.93	4.17	4.37	4.89	5.31	5.68	6.01	6.65
STDV VC :	1.19	1.34	1.37	1.54	1.57	1.56	1.70	1.79	1.90	2.00	2.19
N(Total):	123194	136556	244175	109279	123350	192670	178965	199606	189862	162067	149702
N(VC>10):	174	393	751	706	912	1370	2312	4015	5718	6754	11307
N(VC>20):	2	2	5	2	2	4	3	5	13	20	38
N(VC>30):	0	0	0	0	0	0	0	0	0	0	0
N(VC>40):	0	0	0	0	0	0	0	0	0	0	0

Season: Summer
 Height domain: 16-18 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	Time Delta (minutes)										
	5	10	15	20	25	30	45	60	75	90	120
VC(P=0.5):	2.32	3.17	3.79	3.98	4.26	4.56	5.07	5.52	5.87	6.18	6.86
VC(P=0.9):	4.13	5.22	5.93	6.24	6.58	6.94	7.63	8.19	8.64	9.05	9.94
VC(P=0.95):	4.91	6.07	6.80	7.20	7.54	7.88	8.59	9.19	9.65	10.08	11.02
VC(P=0.99):	7.09	8.32	8.91	9.51	9.82	10.09	10.81	11.42	11.91	12.34	13.32
VC(P=0.99865):	9.98	11.06	11.46	12.17	12.44	12.60	13.44	14.11	14.51	15.11	16.02
Max VC :	15.70	17.50	18.51	18.76	18.75	19.37	22.84	19.98	19.25	19.72	23.85
Mean VC :	2.58	3.45	4.05	4.26	4.54	4.84	5.36	5.80	6.15	6.46	7.15
STDV VC :	1.26	1.41	1.47	1.57	1.60	1.63	1.74	1.82	1.89	1.96	2.11
N(Total):	123194	136556	244175	109279	123350	192670	178965	199606	189862	162067	149702
N(VC>10):	163	398	1094	772	1091	2072	3232	5477	7412	8540	14384
N(VC>20):	0	0	0	0	0	0	2	0	0	0	8
N(VC>30):	0	0	0	0	0	0	0	0	0	0	0
N(VC>40):	0	0	0	0	0	0	0	0	0	0	0

Season: Summer
 Height domain: > 18 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	Time Delta (minutes)										
	5	10	15	20	25	30	45	60	75	90	120
VC(P=0.5):	1.71	2.53	3.18	3.24	3.51	3.83	4.24	4.60	4.86	5.09	5.64
VC(P=0.9):	3.71	4.83	5.63	5.77	6.15	6.51	7.11	7.60	7.94	8.25	8.99
VC(P=0.95):	4.60	5.84	6.64	6.81	7.20	7.58	8.22	8.70	9.07	9.39	10.20
VC(P=0.99):	6.86	8.27	9.09	9.39	9.76	10.09	10.82	11.30	11.57	11.91	12.76
VC(P=0.99865):	10.03	11.44	12.12	12.46	12.91	13.24	14.11	14.57	14.80	15.10	16.21
Max VC :	20.95	18.94	19.76	19.77	19.87	21.04	23.57	22.55	23.56	25.21	26.10
Mean VC :	2.01	2.83	3.48	3.54	3.82	4.13	4.56	4.91	5.17	5.40	5.96
STDV VC :	1.38	1.60	1.69	1.77	1.83	1.86	1.99	2.07	2.12	2.18	2.31
N(Total):	123194	136556	244175	109279	123350	192670	178965	199606	189862	162067	149702
N(VC>10):	168	467	1321	748	1050	2029	2978	4455	5256	5552	8395
N(VC>20):	1	0	0	0	0	4	8	9	10	11	29
N(VC>30):	0	0	0	0	0	0	0	0	0	0	0
N(VC>40):	0	0	0	0	0	0	0	0	0	0	0

Season: Trans
 Height domain: All heights
 All VC values shown are in units of m/s
 All N values shown are integer counts

	Time Delta (minutes)										
	5	10	15	20	25	30	45	60	75	90	120
VC(P=0.5):	3.42	4.46	5.21	5.40	5.76	6.15	6.83	7.39	7.85	8.30	9.22
VC(P=0.9):	6.02	7.26	7.96	8.33	8.70	9.06	9.88	10.59	11.23	11.90	13.18
VC(P=0.95):	7.17	8.35	9.02	9.47	9.87	10.20	11.12	11.91	12.68	13.48	14.93
VC(P=0.99):	9.85	11.02	11.50	12.20	12.57	12.94	14.15	15.22	16.36	17.49	19.48
VC(P=0.99865):	13.75	14.73	15.07	16.07	16.61	16.93	18.57	19.81	21.91	23.52	25.56
Max VC :	28.87	29.19	30.97	28.85	28.89	32.12	31.33	32.05	35.14	39.31	45.99
Mean VC :	3.83	4.85	5.56	5.79	6.14	6.51	7.20	7.78	8.28	8.77	9.74
STDV VC :	1.74	1.86	1.86	1.97	2.00	2.00	2.13	2.24	2.40	2.57	2.82
N(Total):	124975	140377	259932	111382	127238	205759	195545	223358	201769	169983	177278
N(VC>10):	1131	2524	6804	4071	5868	11652	18298	30392	37254	41087	66287
N(VC>20):	23	30	48	31	37	69	136	284	539	742	1474
N(VC>30):	0	0	1	0	0	1	1	3	21	32	61
N(VC>40):	0	0	0	0	0	0	0	0	0	0	10

Season: Trans
 Height domain: < 4 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	Time Delta (minutes)										
	5	10	15	20	25	30	45	60	75	90	120
VC(P=0.5):	1.61	2.09	2.31	2.60	2.70	2.71	2.97	3.13	3.32	3.49	3.72
VC(P=0.9):	3.55	4.49	4.74	5.34	5.43	5.41	5.74	5.87	6.19	6.41	6.74
VC(P=0.95):	4.80	5.71	5.90	6.59	6.66	6.61	6.95	7.07	7.42	7.70	8.06
VC(P=0.99):	7.89	8.57	8.64	9.45	9.54	9.45	9.90	10.01	10.44	10.86	11.61
VC(P=0.99865):	11.98	12.65	12.64	13.99	14.02	13.93	14.57	14.93	15.22	15.80	16.63
Max VC :	28.87	29.19	29.93	28.85	28.89	28.92	29.90	32.05	33.53	26.36	30.92
Mean VC :	1.98	2.52	2.73	3.07	3.16	3.16	3.42	3.56	3.77	3.93	4.18
STDV VC :	1.48	1.64	1.64	1.81	1.81	1.79	1.85	1.87	1.94	2.00	2.11
N(Total):	124975	140377	259932	111382	127238	205759	195545	223358	201769	169983	177278
N(VC>10):	407	666	1249	839	1005	1516	1847	2240	2503	2558	3531
N(VC>20):	18	18	25	18	19	27	33	43	40	54	76
N(VC>30):	0	0	0	0	0	0	0	1	2	0	1
N(VC>40):	0	0	0	0	0	0	0	0	0	0	0

Season: Trans
 Height domain: 4-6 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	Time Delta (minutes)										
	5	10	15	20	25	30	45	60	75	90	120
VC(P=0.5):	1.36	1.83	2.17	2.38	2.54	2.70	3.06	3.33	3.60	3.83	4.25
VC(P=0.9):	2.71	3.50	4.04	4.45	4.72	4.95	5.54	5.96	6.36	6.70	7.39
VC(P=0.95):	3.34	4.32	4.95	5.48	5.79	6.03	6.70	7.17	7.62	8.01	8.85
VC(P=0.99):	5.12	6.51	7.26	8.09	8.46	8.81	9.75	10.45	11.17	11.80	13.11
VC(P=0.99865):	7.74	9.30	10.42	11.23	11.69	12.41	13.86	15.02	16.33	17.39	18.91
Max VC :	14.15	14.60	21.63	21.18	22.27	22.89	24.54	25.35	25.14	28.01	31.81
Mean VC :	1.59	2.11	2.49	2.73	2.90	3.07	3.47	3.76	4.04	4.30	4.75
STDV VC :	0.95	1.17	1.30	1.43	1.50	1.56	1.71	1.83	1.93	2.03	2.24
N(Total):	124975	140377	259932	111382	127238	205759	195545	223358	201769	169983	177278
N(VC>10):	26	118	443	320	481	1073	1729	2727	3218	3385	5258
N(VC>20):	0	0	1	1	2	4	8	28	71	107	175
N(VC>30):	0	0	0	0	0	0	0	0	0	0	2
N(VC>40):	0	0	0	0	0	0	0	0	0	0	0

Season: Trans
 Height domain: 6-8 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	Time Delta (minutes)										
	5	10	15	20	25	30	45	60	75	90	120
VC(P=0.5):	1.39	1.90	2.30	2.51	2.69	2.89	3.31	3.66	3.97	4.25	4.76
VC(P=0.9):	2.70	3.54	4.14	4.61	4.93	5.20	5.90	6.41	6.91	7.33	8.11
VC(P=0.95):	3.35	4.36	5.04	5.64	5.98	6.30	7.10	7.67	8.21	8.74	9.65
VC(P=0.99):	5.18	6.56	7.27	8.12	8.57	8.85	9.98	10.84	11.62	12.37	13.83
VC(P=0.99865):	7.73	9.40	10.09	11.22	11.87	12.53	14.03	15.36	17.01	18.54	20.69
Max VC :	14.41	26.10	27.40	22.98	22.85	28.64	27.79	30.36	31.68	32.81	34.00
Mean VC :	1.61	2.18	2.60	2.85	3.05	3.25	3.72	4.08	4.41	4.72	5.27
STDV VC :	0.94	1.16	1.28	1.44	1.52	1.58	1.77	1.91	2.04	2.18	2.40
N(Total):	124975	140377	259932	111382	127238	205759	195545	223358	201769	169983	177278
N(VC>10):	29	122	371	349	538	1061	1928	3392	4239	4748	7633
N(VC>20):	0	1	3	2	2	8	29	47	104	150	294
N(VC>30):	0	0	0	0	0	0	0	1	3	5	4
N(VC>40):	0	0	0	0	0	0	0	0	0	0	0

Season: Trans
 Height domain: 8-10 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	Time Delta (minutes)										
	5	10	15	20	25	30	45	60	75	90	120
VC(P=0.5):	1.53	2.12	2.59	2.80	3.02	3.27	3.77	4.18	4.55	4.89	5.51
VC(P=0.9):	2.92	3.81	4.47	4.94	5.30	5.64	6.48	7.13	7.72	8.31	9.38
VC(P=0.95):	3.58	4.61	5.32	5.92	6.30	6.67	7.65	8.38	9.10	9.75	11.02
VC(P=0.99):	5.40	6.71	7.44	8.30	8.78	9.22	10.53	11.57	12.55	13.52	15.20
VC(P=0.99865):	8.22	9.73	10.34	11.31	12.06	12.72	14.58	16.30	18.27	19.85	21.71
Max VC :	19.70	19.71	30.97	19.05	21.40	32.12	31.33	30.27	35.14	39.31	45.99
Mean VC :	1.77	2.39	2.87	3.12	3.36	3.61	4.16	4.60	5.00	5.37	6.07
STDV VC :	0.99	1.19	1.31	1.47	1.55	1.63	1.86	2.03	2.22	2.39	2.68
N(Total):	124975	140377	259932	111382	127238	205759	195545	223358	201769	169983	177278
N(VC>10):	48	165	436	376	604	1293	2578	4735	6368	7530	13598
N(VC>20):	0	0	6	0	1	15	36	90	164	219	410
N(VC>30):	0	0	1	0	0	1	1	1	16	27	39
N(VC>40):	0	0	0	0	0	0	0	0	0	0	9

Season: Trans
 Height domain: 10-12 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	Time Delta (minutes)										
	5	10	15	20	25	30	45	60	75	90	120
VC(P=0.5):	1.76	2.45	3.05	3.16	3.45	3.80	4.36	4.82	5.23	5.61	6.35
VC(P=0.9):	3.34	4.35	5.15	5.41	5.83	6.30	7.17	7.92	8.64	9.31	10.50
VC(P=0.95):	4.06	5.20	6.01	6.37	6.82	7.32	8.32	9.20	10.05	10.87	12.30
VC(P=0.99):	6.11	7.44	8.16	8.76	9.22	9.69	11.10	12.31	13.63	14.84	16.85
VC(P=0.99865):	9.25	10.57	10.90	11.77	12.51	13.11	14.85	16.32	18.17	20.02	22.37
Max VC :	20.78	21.33	24.05	22.02	20.80	28.68	25.79	26.66	27.22	30.11	44.96
Mean VC :	2.03	2.74	3.33	3.48	3.78	4.12	4.72	5.23	5.68	6.11	6.92
STDV VC :	1.12	1.32	1.43	1.53	1.62	1.70	1.93	2.12	2.34	2.54	2.88
N(Total):	124975	140377	259932	111382	127238	205759	195545	223358	201769	169983	177278
N(VC>10):	114	254	647	480	748	1663	3627	7289	10331	12465	21565
N(VC>20):	2	4	8	5	3	5	20	64	139	231	596
N(VC>30):	0	0	0	0	0	0	0	0	0	1	20
N(VC>40):	0	0	0	0	0	0	0	0	0	0	2

Season: Trans
 Height domain: 12-14 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	Time Delta (minutes)										
	5	10	15	20	25	30	45	60	75	90	120
VC(P=0.5):	1.94	2.73	3.44	3.45	3.79	4.21	4.79	5.29	5.68	6.05	6.84
VC(P=0.9):	3.70	4.81	5.74	5.76	6.20	6.75	7.54	8.21	8.82	9.42	10.57
VC(P=0.95):	4.51	5.71	6.67	6.72	7.21	7.76	8.62	9.35	10.06	10.75	12.06
VC(P=0.99):	6.69	8.01	8.91	9.11	9.65	10.20	11.20	12.12	13.10	14.10	15.76
VC(P=0.99865):	9.93	11.31	11.93	12.31	13.05	13.38	14.90	16.07	17.33	18.61	20.72
Max VC :	25.06	26.52	25.18	26.38	26.07	26.19	25.19	28.70	29.00	31.47	31.07
Mean VC :	2.24	3.05	3.75	3.78	4.11	4.52	5.11	5.62	6.05	6.44	7.27
STDV VC :	1.23	1.43	1.56	1.57	1.66	1.74	1.90	2.03	2.19	2.35	2.60
N(Total):	124975	140377	259932	111382	127238	205759	195545	223358	201769	169983	177278
N(VC>10):	161	402	1253	630	1026	2354	4105	7627	10416	12543	23005
N(VC>20):	3	5	4	3	5	8	21	43	112	132	309
N(VC>30):	0	0	0	0	0	0	0	0	0	2	4
N(VC>40):	0	0	0	0	0	0	0	0	0	0	0

Season: Trans
 Height domain: 14-16 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	Time Delta (minutes)										
	5	10	15	20	25	30	45	60	75	90	120
VC(P=0.5):	1.99	2.80	3.49	3.51	3.82	4.22	4.74	5.19	5.53	5.85	6.56
VC(P=0.9):	3.70	4.80	5.68	5.70	6.10	6.57	7.24	7.81	8.27	8.75	9.69
VC(P=0.95):	4.47	5.65	6.55	6.60	7.02	7.50	8.20	8.80	9.29	9.83	10.85
VC(P=0.99):	6.47	7.86	8.73	8.93	9.31	9.72	10.47	11.05	11.63	12.21	13.43
VC(P=0.99865):	9.61	10.95	11.36	11.86	12.18	12.56	13.34	14.05	14.71	15.31	16.79
Max VC :	19.96	19.89	23.05	27.72	27.57	26.00	23.69	21.25	21.59	23.21	28.86
Mean VC :	2.27	3.10	3.78	3.81	4.12	4.50	5.02	5.47	5.82	6.16	6.87
STDV VC :	1.18	1.37	1.48	1.50	1.56	1.61	1.71	1.80	1.88	1.98	2.17
N(Total):	124975	140377	259932	111382	127238	205759	195545	223358	201769	169983	177278
N(VC>10):	136	348	993	527	801	1680	2672	4700	6237	7591	14795
N(VC>20):	0	0	2	1	2	1	2	3	9	24	54
N(VC>30):	0	0	0	0	0	0	0	0	0	0	0
N(VC>40):	0	0	0	0	0	0	0	0	0	0	0

Season: Trans
 Height domain: 16-18 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	Time Delta (minutes)										
	5	10	15	20	25	30	45	60	75	90	120
VC(P=0.5):	2.03	2.86	3.58	3.56	3.89	4.28	4.80	5.24	5.59	5.90	6.55
VC(P=0.9):	3.86	4.95	5.81	5.76	6.18	6.64	7.27	7.81	8.23	8.65	9.50
VC(P=0.95):	4.67	5.84	6.74	6.68	7.11	7.57	8.22	8.76	9.19	9.64	10.54
VC(P=0.99):	6.73	8.01	8.88	8.89	9.36	9.74	10.40	10.92	11.27	11.87	12.83
VC(P=0.99865):	9.75	10.96	11.54	11.91	12.26	12.29	13.06	13.61	13.88	14.58	15.44
Max VC :	16.39	20.24	19.18	21.21	21.30	21.22	19.28	20.04	22.25	21.46	21.19
Mean VC :	2.32	3.16	3.87	3.86	4.18	4.56	5.07	5.51	5.85	6.17	6.83
STDV VC :	1.24	1.41	1.51	1.51	1.57	1.61	1.69	1.76	1.81	1.88	2.01
N(Total):	124975	140377	259932	111382	127238	205759	195545	223358	201769	169983	177278
N(VC>10):	148	352	1119	546	829	1686	2616	4422	5490	6529	12781
N(VC>20):	0	1	0	1	2	2	0	1	5	2	3
N(VC>30):	0	0	0	0	0	0	0	0	0	0	0
N(VC>40):	0	0	0	0	0	0	0	0	0	0	0

Season: Trans
 Height domain: > 18 km
 All VC values shown are in units of m/s
 All N values shown are integer counts

	Time Delta (minutes)										
	5	10	15	20	25	30	45	60	75	90	120
VC(P=0.5):	1.44	2.16	2.80	2.79	3.07	3.40	3.83	4.20	4.47	4.72	5.25
VC(P=0.9):	3.25	4.29	5.11	5.06	5.44	5.87	6.45	6.92	7.27	7.59	8.35
VC(P=0.95):	4.10	5.23	6.06	6.02	6.41	6.87	7.45	7.97	8.31	8.64	9.50
VC(P=0.99):	6.22	7.44	8.40	8.38	8.73	9.22	9.81	10.35	10.61	10.95	11.90
VC(P=0.99865):	8.98	10.10	11.21	11.09	11.58	12.14	12.98	13.43	14.17	14.10	15.02
Max VC :	15.03	23.22	21.17	17.49	22.24	22.65	22.70	23.89	23.73	23.09	24.02
Mean VC :	1.75	2.49	3.12	3.09	3.37	3.71	4.13	4.50	4.77	5.01	5.56
STDV VC :	1.22	1.43	1.56	1.56	1.62	1.69	1.79	1.87	1.92	1.98	2.12
N(Total):	124975	140377	259932	111382	127238	205759	195545	223358	201769	169983	177278
N(VC>10):	84	201	823	372	547	1196	1733	2794	3079	3331	6436
N(VC>20):	0	1	1	0	1	2	3	8	9	10	9
N(VC>30):	0	0	0	0	0	0	0	0	0	0	0
N(VC>40):	0	0	0	0	0	0	0	0	0	0	0