Aerodrome Climatological Summary _ Model D

PEKOA AIRPORT: NVSS

Latitude: -15.506800° Longitude: 167.218200° Elevation: 42.000

Period of Record: 01st Jan 2021 to 31 Dec 2025.

Note: A dash indicates no observations. An asterisk indicates the event has occurred but with a frequency less than 0.05%.

Month: **January** Total Observations: **935**

Frequencies (per cent) of the Occurrence of Concurrent Wind Direction (45°Sections) and Speed within specified ranges													
	Wind speed (in knots)												
Wind Direction	0 - 5	5 - 10	10 - 5	15 - 20	20 - 25	25 - 30	30 - 35	35- 40	40- 45	45- 50	>=50	Total	Count
Calm	0	0	0	0	0	0	0	0	0	0	0	18.0%	168
VRB	0	0	0	0	0	0	0	0	0	0	0	0	0
N	10.4%	3.9%	0.3%	0	0	0	0	0	0	0	0	14.5%	136
NE	5.9%	5.6%	0	0	0	0	0	0	0	0	0	11.4%	107
E	14.7%	4.3%	0.4%	0	0	0	0	0	0	0	0	19.4%	181
SE	3.0%	5.1%	0.4%	0	0	0	0	0	0	0	0	8.6%	80
S	3.1%	1.2%	0	0	0	0	0	0	0	0	0	4.3%	40
SW	4.7%	1.0%	0	0	0	0	0	0	0	0	0	5.7%	53
W	6.7%	0.9%	0	0	0	0	0	0	0	0	0	7.6%	71
NW	10.2%	0.4%	0	0	0	0	0	0	0	0	0	10.6%	99
Total	58.6%	22.2%	1.2%	0	0	0	0	0	0	0	0	0	0
Count	548	208	11	0	0	0	0	0	0	0	0	0	935

Aerodrome Climatological Summary _ Model D

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Month: **February** Total Observations: **1131**

Frequencies (per cent) of the Occurrence of Concurrent Wind Direction (45°Sections) and Speed within specified ranges													
	Wind speed (in knots)												
Wind Direction	0 - 5	5 - 10	10 - 5	15 - 20	20 - 25	25 - 30	30 - 35	35-40	40-45	45-50	>=50	Total	Count
Calm	0	0	0	0	0	0	0	0	0	0	0	14.2%	161
VRB	0	0	0	0	0	0	0	0	0	0	0	0.1%	1
N	8.2%	8.0%	1.9%	0.2%	0.1%	0	0	0	0	0	0	18.4%	208
NE	5.0%	4.2%	0.4%	0	0	0	0	0	0	0	0	9.6%	109
E	3.8%	2.5%	0.2%	0	0	0	0	0	0	0	0	6.5%	73
SE	4.0%	5.0%	0.3%	0	0	0	0	0	0	0	0	9.3%	105
S	4.2%	3.2%	0	0	0	0	0	0	0	0	0	7.4%	84
SW	8.5%	4.2%	0.1%	0	0	0	0	0	0	0	0.1%	12.8%	145
W	8.4%	2.0%	0.3%	0	0	0	0	0	0	0	0	10.7%	121
NW	9.1%	1.9%	0	0	0	0	0	0	0	0	0	11.0%	124
Total	51.2%	31.0%	3.1%	0.2%	0.1%	0	0	0	0	0	0.1%	0	0
Count	579	351	35	2	0	0	0	0	0	0	1	0	1,131

Aerodrome Climatological Summary _ Model D

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Month: **March** Total Observations: **1077**

Frequencies (per cent) of the Occurrence of Concurrent Wind Direction (45°Sections) and Speed within specified ranges													
	Wind speed (in knots)												
Wind Direction	0 - 5	5 - 10	10 - 5	15 - 20	20 - 25	25 - 30	30 - 35	35- 40	40- 45	45- 50	>=50	Total	Count
Calm	0	0	0	0	0	0	0	0	0	0	0	15.3%	165
VRB	0	0	0	0	0	0	0	0	0	0	0	0.1%	1
N	9.7%	5.3%	0.8%	0.3%	0.1%	0	0	0	0	0	0	16.2%	174
NE	5.4%	5.2%	0	0	0	0	0	0	0	0	0	10.6%	114
E	4.4%	7.1%	0.3%	0	0	0	0	0	0	0	0	11.7%	126
SE	5.2%	7.3%	0.6%	0	0	0	0	0	0	0	0	13.1%	141
S	5.2%	0.7%	0	0	0	0	0	0	0	0	0	5.9%	64
SW	5.1%	1.3%	0	0	0	0	0	0	0	0	0	6.4%	69
W	8.0%	0.3%	0	0	0	0	0	0	0	0	0	8.3%	89
NW	11.8%	0.5%	0	0.1%	0	0	0	0.1%	0	0	0	12.4%	134
Total	54.7%	27.7%	1.7%	0.4%	0.1%	0	0	0.1%	0	0	0	0	0
Count	589	298	180	4	4	0	0	1	0	0	0	0	1,077

Aerodrome Climatological Summary _ Model D

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Month: **April** Total Observations: **1202**

Frequencies (per cent) of the Occurrence of Concurrent Wind Direction (45°Sections) and Speed within specified ranges													
	Wind speed (in knots)												
Wind Direction	0 - 5	5 - 10	10 - 5	15 - 20	20 - 25	25 - 30	30 - 35	35- 40	40- 45	45- 50	>=50	Total	Count
Calm	0	0	0	0	0	0	0	0	0	0	0	141.1%	170
VRB	0	0	0	0	0	0	0	0	0	0	0	0	0
N	6.5%	2.3%	0.7%	0	0	0	0	0	0	0	0	9.5%	114
NE	4.4%	5.7%	0.2%	0	0.1%	0	0	0	0	0	0	10.4%	125
E	6.7%	6.9%	0.6%	0	0	0	0	0	0	0	0	14.4%	170
SE	7.6%	12.1%	1.6%	0	0	0	0	0	0	0	0	21.2%	255
S	5.3%	2.7%	0	0	0	0	0	0	0	0	0	8.0%	96
SW	5.4%	0.3%	0	0	0	0.1%	0	0	0	0	0	5.8%	70
W	8.4%	0.2%	0	0	0	0	0	0	0	0	0	8.7%	104
NW	7.7%	0.4%	0	0	0	0	0	0	0	0	0	8.2%	98
Total	52.0%	30.7%	3.0%	0	0.1%	0.1%	0	0	0	0	0	0	0
Count	625	369	36	0	1	1	0	0	0	0	0	0	1,202

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Month: **May** Total Observations: **1321**

Frequencies (per cent) of the Occurrence of Concurrent Wind Direction (45°Sections) and Speed within specified ranges													
	Wind speed (in knots)												
Wind Direction	0 - 5	5 - 10	10 - 5	15 - 20	20 - 25	25 - 30	30 - 35	35- 40	40- 45	45- 50	>=50	Total	Count
Calm	0	0	0	0	0	0	0	0	0	0	0	9.9%	131
VRB	0	0	0	0	0	0	0	0	0	0	0	0%	0
N	1.9%	1.1%	0.1%	0	0	0	0	0	0	0	0	3.0%	40
NE	1.7%	1.8%	0.2%	0	0	0	0	0	0	0	0	3.6%	48
E	6.3%	10.1%	1.4%	0	0	0	0	0	0	0	0	17.8%	235
SE	8.1%	26.5%	6.3%	0.5%	0	0	0	0	0	0	0	41.4%	547
S	5.2%	5.5%	0.2%	0	0	0	0	0	0	0	0	10.9%	144
SW	4.3%	0.7%	0.1%	0	0	0	0	0	0	0	0	5.1%	67
W	4.2%	0.2%	0	0	0	0	0	0	0	0	0	4.4%	58
NW	3.9%	0	0	0	0	0	0	0	0	0	0	3.9%	51
Total	35.6%	45.7%	8.3%	0.5%	0	0	0	0	0	0	0	0	0
Count	470	604	109	7	0	0	0	0	0	0	0	0	1,321

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Month: **June** Total Observations: **1243**

Frequencies (per cent) of the Occurrence of Concurrent Wind Direction (45°Sections) and Speed within specified ranges													
	Wind speed (in knots)												
Wind Direction	0 - 5	5 - 10	10 - 15	15 - 20	20 - 25	25 - 30	30 - 35	35-40	40-45	45-50	>=50	Total	Count
Calm	0	0	0	0	0	0	0	0	0	0	0	7.5%	93
VRB	0	0	0	0	0	0	0	0	0	0	0	0	0
N	1.9%	0.8%	0	0	0	0	0	0	0	0	0	2.7%	34
NE	2.7%	1.9%	0.1%	0	0	0	0	0	0	0	0	4.7%	58
E	6.8%	10.8%	2.7%	0.2%	0	0	0	0	0	0	0	20.5%	255
SE	9.3%	27.8%	7.6%	0.2%	0.1%	0	0	0	0	0	0	44.9%	558
S	4.8%	5.0%	0.1%	0	0	0	0	0	0	0	0.1%	10.0%	124
SW	2.4%	0.6%	0	0	0	0	0	0	0	0	0	3.0%	37
W	3.3%	0.2%	0	0.1%	0	0	0	0	0	0	0	3.5%	44
NW	3.1%	0.1%	0	0	0	0	0	0	0	0	0	3.2%	40
Total	34.4%	47.1%	10.5%	0.5%	0.1%	0	0	0	0	0	0.1%	0	0
Count	427	585	130	6	1	0	0	0	0	0	1	0	1,243

Vanuatu Meteorology and Hydrological Service Department (VMHSD)
Climate Services Division (CSD)

Aerodrome Climatological Summary _ Model D

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Month: **July** Total Observations: **1379**

Frequencies (per cent) of the Occurrence of Concurrent Wind Direction (45°Sections) and Speed within specified ranges													
	Wind speed (in knots)												
Wind Direction	0 - 5	5 - 10	10 - 5	15 - 20	20 - 25	25 - 30	30 - 35	35- 40	40- 45	45- 50	>=50	Total	Count
Calm	0	0	0	0	0	0	0	0	0	0	0	0.8%	11
VRB	0	0	0	0	0	0	0	0	0	0	0	0.2%	3
N	2.7%	1.6%	0.3%	0	0	0	0	0	0	0	0	4.6%	63
NE	2.9%	2.5%	0.1%	0	0	0	0	0	0	0	0	5.4%	75
E	5.9%	13.3%	3.5%	0	0	0	0	0	0	0	0	22.7%	313
SE	7.2%	25.7%	10.9%	0.3%	0	0	0	0	0	0	0	44.1%	608
S	5.4%	5.4%	0.1%	0.1%	0	0	0	0	0	0	0	10.9%	151
SW	2.8%	0.7%	0	0	0	0	0	0	0	0	0	.35%	48
W	3.0%	0	0	0	0	0	0	0	0	0	0	3.0%	42
NW	4.6%	0.1%	0	0	0	0	0	0	0	0	0	4.7%	65
Total	34.4%	49.4%	14.9%	0.4%	0	0	0	0	0	0	0	0	0
Count	474	681	205	5	0	0	0	0	0	0	0	0	1,379

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Climate Services Division (CSD)

Aerodrome Climatological Summary _ Model D

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Month: **August** Total Observations: **1543**

Frequencies (per cent) of the Occurrence of Concurrent Wind Direction (45°Sections) and Speed within specified ranges													
	Wind speed (in knots)												
Wind Direction	0 - 5	5 - 10	10 - 5	15 - 20	20 - 25	25 - 30	30 - 35	35- 40	40- 45	45- 50	>=50	Total	Count
Calm	0	0	0	0	0	0	0	0	0	0	0	0.3%	5
VRB	0	0	0	0	0	0	0	0	0	0	0	0	0
N	2.3%	1.2%	0.1%	0	0	0	0	0	0	0	0	3.6%	56
NE	1.0%	1.2%	0%	0	0	0	0	0	0	0	0	2.3%	35
E	4.1%	10.9%	4.9%	0.2%	0	0	0	0	0	0	0.1%	20.2%	312
SE	6.5%	27.2%	14.3%	1.3%	0	0	0	0	0	0	0.1%	49.4%	762
S	4.1%	6.5%	0.3%	0	0	0	0	0	0	0	0	10.9%	168
SW	5.7%	2.2%	0	0	0	0	0	0	0	0	0	7.9%	122
W	3.2%	0.1%	0	0	0	0	0	0	0	0	0	3.2%	50
NW	2.0%	0.1%	0	0	0	0	0	0	0	0	0	2.1%	33
Total	29.1%	49.4%	19.5%	1.5%	0	0	0	0	0	0	0.2%	0	0
Count	449	762	301	23	0	0	0	0	0	0	3	0	1.543

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Month: **September** Total Observations: **1554**

Frequencies (per cent) of the Occurrence of Concurrent Wind Direction (45°Sections) and Speed within specified ranges													
	Wind speed (in knots)												
Wind Direction	0 - 5	5 - 10	10 - 5	15 - 20	20 - 25	25 - 30	30 - 35	35-40	40-45	45-50	>=50	Total	Count
Calm	0	0	0	0	0	0	0	0	0	0	0	0.9%	14
VRB	0	0	0	0	0	0	0	0	0	0	0	0	0
N	1.0%	0.4%	0.3%	0	0	0	0	0	0	0	0	1.6%	25
NE	2.2%	2.3%	0.2%	0	0	0	0	0	0	0	0	4.7%	72
E	3.8%	13.5%	4.4%	0.1%	0	0	0	0	0	0	0	21.8%	337
SE	7.3%	33.2%	14.4%	0.4%	0	0	0	0	0	0	0.1%	55.4%	856
S	2.7%	3.9%	0.6%	0	0	0	0	0	0	0	0	7.1%	110
SW	3.2%	0.1%	0	0	0	0	0	0	0	0	0	3.3%	51
W	2.5%	0.1%	0	0	0	0	0	0	0	0	0	2.5%	39
NW	2.5%	0	0.1%	0	0	0	0	0	0	0	0	2.6%	40
Total	25.1%	53.5%	19.9%	0.5%	0	0	0	0	0	0	0.1%	0	0
Count	388	826	307	7	0	0	0	0	0	0	2	0	1,544

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Month: **October** Total Observations: **1298**

Frequencies (per cent) of the Occurrence of Concurrent Wind Direction (45°Sections) and Speed within specified ranges													
	Wind speed (in knots)												
Wind Direction	0 - 5	5 - 10	10 - 5	15 - 20	20 - 25	25 - 30	30 - 35	35- 40	40- 45	45- 50	>=50	Total	Cou24nt
Calm	0	0	0	0	0	0	0	0	0	0	0	1.8%	24
VRB	0	0	0	0	0	0	0	0	0	0	0	0	0
N	3.4%	2.5%	0.1%	0.1%	0	0	0	0.1%	0	0	0	6.2%	80
NE	4.8%	4.0%	0.3%	0	0	0	0	0	0	0	0	9.1%	118
E	6.2%	14.6%	3.0%	0.1%	0	0	0	0	0	0	0.1%	23.9%	310
SE	5.2%	21.2%	9.2%	0.2%	0	0.1%	0	0	0	0	0.2%	36.0%	467
S	3.6%	2.4%	0.2%	0	0	0	0	0	0	0	0	6.2%	81
SW	4.0%	0.8%	0.2%	0	0	0	0	0	0	0	0	5.1%	66
W	5.2%	0.2%	0	0	0	0	0	0	0	0	0	5.5%	71
NW	5.6%	0.6%	0	0	0	0	0	0	0	0	0	6.2%	81
Total	38.0%	46.4%	13.0%	0.4%	0	0.1%	0	0.1%	0	0	0.2%	0	0
Count	493	602	169	5	0	1	0	1	0	0	0	0	1,298

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Climate Services Division (CSD)

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Month: **November** Total Observations: **1448**

Frequencies (per cent) of the Occurrence of Concurrent Wind Direction (45°Sections) and Speed within specified ranges													
	Wind speed (in knots)												
Wind Direction	0 - 5	5 - 10	10 - 5	15 - 20	20 - 25	25 - 30	30 - 35	35- 40	40- 45	45- 50	>=50	Total	Count
Calm	0	0	0	0	0	0	0	0	0	0	0	2.1%	31
VRB	0	0	0	0	0	0	0	0	0	0	0	0	0
N	5.7%	3.0%	0.6%	0	0	0	0	0	0	0	0	9.3%	134
NE	4.1%	6.6%	0.5%	0	0	0	0	0	0	0	0	11.2%	162
E	5.5%	9.3%	0.8%	0.1%	0	0	0	0	0	0	0	15.7%	227
SE	6.1%	24.0%	5.5%	0.1%	0	0	0	0	0	0	0.1%	35.7%	517
S	5.0%	4.0%	0.1%	0	0	0	0	0	0	0	0	9.1%	132
SW	3.8%	0.2%	0	0	0	0	0	0	0	0	0	4.0%	58
W	4.0%	0.4%	0	0	0	0	0	0	0	0	0	4.4%	64
NW	8.1%	0.3%	0.1%	0	0	0	0	0.1%	0	0	0	8.5%	123
Total	42.3%	47.8%	7.5%	0.1%	0	0	0	0.1%	0	0	0.1%	0	0
Count	613	692	108	2	0	0	0	1	0	0	1	0	1,448

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Month: **December** Total Observations: **1445**

Frequencies (per cent) of the Occurrence of Concurrent Wind Direction (45°Sections) and Speed within specified ranges													
	Wind speed (in knots)												
Wind Direction	0 - 5	5 - 10	10 - 5	15 - 20	20 - 25	25 - 30	30 - 35	35- 40	40- 45	45- 50	>=50	Total	Count
Calm	0	0	0	0	0	0	0	0	0	0	0	1.7%	25
VRB	0	0	0	0	0	0	0	0	0	0	0	0.1%	1
N	7.3%	4.5%	0.3%	0	0	0	0	0	0	0	0	12.1%	176
NE	4.4%	9.3%	0.7%	0	0	0	0	0	0	0	0	14.4%	209
E	4.7%	10.9%	0.4%	0	0	0	0	0	0	0	0	15.9%	232
SE	5.7%	15.7%	2.5%	0	0	0	0	0	0	0	0	23.9%	348
S	5.6%	6.5%	0	0	0	0	0	0	0	0	0	12.2%	177
SW	3.5%	0.6%	0	0	0	0	0	0	0	0	0.1%	4.3%	62
W	6.3%	0.1%	0	0.1%	0	0	0	0	0	0	0.1%	6.4%	93
NW	8.4%	0.7%	0	0	0	0	0	0	0	0	0	9.1%	132
Total	45.8%	48.2%	3.9%	0.1%	0	0	0	0	0	0	0.1%	0	0
Count	667	701	57	1	0	1	0	0	0	0	2	0	1,455