AERONAUTICAL CLIMATOLOGICAL INFORMATION SUMMARY CASSIDY INTERNATIONAL AIRPORT

MODEL D- WINDS

1st Issue 14th September 2022

AERODROME CLIMATOLOGICAL SUMMARY **MODEL D**

AERODROME: Cassidy airport MONTH: January PERIOD OF RECORD: 2017-2021

TOTAL NUMBER OF OBSERVATIONS: 981

LATITUDE: 01° 59’ 04.0” N LONGITUDE: 157° 21’ 15.1” W ELEVATION ABOVE MSL: 3 M

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT WIND DIRECTION (IN 30DEGREES SECTORS) AND SPEED WITHIN SPECIFIED RANGES											
WIND DIRECTION	WIND SPEED (KT)										
	1-5	6-10	11- 15	16- 20	21-25	26- 30	31-35	36-40	46-50	>50	TOTAL
CALM	3										3
VARIABLE	40	0	0	0	0	0	0	0	0	0	40
35-36-01	1	0	0	0	0	0	0	0	0	0	1
02-03-04	5	1	0	0	0	0	0	0	0	0	6
05-06-07	9	6	9	1	0	0	0	0	0	0	25
08-09-10	57	211	67	9	0	0	0	0	0	0	344
11-12-13	75	243	86	28	1	0	0	0	0	0	433
14-15-16	27	83	43	16	0	0	0	0	0	0	169
17-18-19	0	2	0	0	0	0	0	0	0	0	2
20-21-22	0	0	0	0	0	0	1	0	0	0	1
23-24-25	0	0	0	0	0	0	0	0	0	0	0
26-27-28	0	0	0	0	0	0	0	0	0	0	0
29-30-31	0	0	0	0	0	0	0	0	0	0	0
32-33-34	0	0	0	0	0	0	0	0	0	0	0
TOTAL											981

AERODROME CLIMATOLOGICAL SUMMARY **MODEL D**

AERODROME: Cassidy airport MONTH: February PERIOD OF RECORD: 2017-2021

TOTAL NUMBER OF OBSERVATIONS: 1009

LATITUDE: 01° 59’ 04.0” N LONGITUDE: 157° 21’ 15.1” W ELEVATION ABOVE MSL: 3 M

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT WIND DIRECTION (IN 30DEGREES SECTORS) AND SPEED WITHIN SPECIFIED RANGES											
WIND DIRECTION	WIND SPEED (KT)										
	1-5	6-10	11- 15	16- 20	21-25	26- 30	31-35	36-40	46-50	>50	TOTAL
CALM	11										11
VARIABLE	31	0	0	0	0	0	0	0	0	0	31
35-36-01	0	0	0	0	0	0	0	0	0	0	0
02-03-04	3	13	2	0	0	0	0	0	0	0	3
05-06-07	9	51	13	0	0	0	0	0	0	0	9
08-09-10	84	254	79	13	0	0	0	0	0	0	430
11-12-13	91	225	74	39	0	0	0	0	0	0	429
14-15-16	17	53	15	7	0	0	0	0	0	0	92
17-18-19	3	1	0	0	0	0	0	0	0	0	4
20-21-22	0	0	0	0	0	0	0	0	0	0	0
23-24-25	0	0	0	0	0	0	0	0	0	0	0
26-27-28	0	0	0	0	0	0	0	0	0	0	0
29-30-31	0	0	0	0	0	0	0	0	0	0	0
32-33-34	0	0	0	0	0	0	0	0	0	0	0
TOTAL											1009

AERODROME CLIMATOLOGICAL SUMMARY **MODEL D**

AERODROME: Cassidy airport MONTH: March PERIOD OF RECORD: 2017-2021

TOTAL NUMBER OF OBSERVATIONS: 981

LATITUDE: 01° 59’ 04.0” N LONGITUDE: 157° 21’ 15.1” W ELEVATION ABOVE MSL: 3 M

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT WIND DIRECTION (IN 30DEGREES SECTORS) AND SPEED WITHIN SPECIFIED RANGES											
WIND DIRECTION	WIND SPEED (KT)										
	1-5	6-10	11- 15	16- 20	21-25	26- 30	31-35	36-40	46-50	>50	TOTAL
CALM	9										9
VARIABLE	45	0	0	0	0	0	0	0	0	0	45
35-36-01	0	3	0	0	0	0	0	0	0	0	0
02-03-04	7	24	2	1	0	0	0	0	0	0	34
05-06-07	20	62	15	0	0	0	0	0	0	0	97
08-09-10	72	160	98	38	0	0	0	0	0	0	368
11-12-13	63	183	79	19	0	0	0	0	0	0	344
14-15-16	16	31	9	5	0	0	0	0	0	0	61
17-18-19	2	1	1	0	0	0	0	0	0	0	4
20-21-22	0	0	0	0	0	0	0	0	0	0	0
23-24-25	0	0	0	0	0	0	0	0	0	0	0
26-27-28	0	0	0	0	0	0	0	0	0	0	0
29-30-31	0	0	0	0	0	0	0	0	0	0	0
32-33-34	0	0	0	0	0	0	0	0	0	0	0
TOTAL											962

AERODROME CLIMATOLOGICAL SUMMARY **MODEL D**

AERODROME: Cassidy airport MONTH: April PERIOD OF RECORD: 2017-2021

TOTAL NUMBER OF OBSERVATIONS: 1149

LATITUDE: 01° 59’ 04.0” N LONGITUDE: 157° 21’ 15.1” W ELEVATION ABOVE MSL: 3 M

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT WIND DIRECTION (IN 30DEGREES SECTORS) AND SPEED WITHIN SPECIFIED RANGES											
WIND DIRECTION	WIND SPEED (KT)										
	1-5	6-10	11- 15	16- 20	21-25	26- 30	31-35	36-40	46-50	>50	TOTAL
CALM	12										12
VARIABLE	54	0	0	0	0	0	0	0	0	0	54
35-36-01	2	1	0	0	0	0	0	0	0	0	3
02-03-04	11	25	1	0	0	0	0	0	0	0	37
05-06-07	18	110	25	0	0	0	0	0	0	0	153
08-09-10	151	313	84	20	0	0	0	0	0	0	568
11-12-13	112	144	20	4	0	0	0	0	0	0	288
14-15-16	10	20	2	0	0	0	0	0	0	0	32
17-18-19	1	0	0	0	0	0	0	0	0	0	1
20-21-22	0	0	1	0	0	0	0	0	0	0	1
23-24-25	0	0	0	0	0	0	0	0	0	0	0
26-27-28	0	0	0	0	0	0	0	0	0	0	0
29-30-31	0	0	0	0	0	0	0	0	0	0	0
32-33-34	0	0	0	0	0	0	0	0	0	0	0
TOTAL											1149

AERODROME CLIMATOLOGICAL SUMMARY **MODEL D**

AERODROME: Cassidy airport MONTH: May PERIOD OF RECORD: 2017-2021

TOTAL NUMBER OF OBSERVATIONS: 1206

LATITUDE: 01° 59’ 04.0” N LONGITUDE: 157° 21’ 15.1” W ELEVATION ABOVE MSL: 3 M

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT WIND DIRECTION (IN 30DEGREES SECTORS) AND SPEED WITHIN SPECIFIED RANGES											
WIND DIRECTION	WIND SPEED (KT)										
	1-5	6-10	11- 15	16- 20	21-25	26- 30	31-35	36-40	46-50	>50	TOTAL
CALM	25										25
VARIABLE	119	0	0	0	0	0	0	0	0	0	119
35-36-01	0	2	0	0	0	0	0	0	0	0	2
02-03-04	9	6	1	0	0	0	0	0	0	0	16
05-06-07	26	45	7	1	0	0	0	0	0	0	79
08-09-10	150	292	41	3	0	0	0	0	0	0	486
11-12-13	166	213	33	6	0	0	0	0	0	0	418
14-15-16	13	33	5	0	0	0	0	0	0	0	51
17-18-19	2	2	1	0	0	0	0	0	0	0	5
20-21-22	1	0	0	0	0	0	0	0	0	0	1
23-24-25	1	0	0	0	0	0	0	0	0	0	1
26-27-28	0	0	0	1	0	0	0	0	0	0	1
29-30-31	1	0	0	0	0	0	0	0	0	0	1
32-33-34	0	1	0	0	0	0	0	0	0	0	1
TOTAL											1206

AERODROME CLIMATOLOGICAL SUMMARY **MODEL D**

AERODROME: Cassidy Airport MONTH: June PERIOD OF RECORD: 2017-2021

TOTAL NUMBER OF OBSERVATIONS: 1176

LATITUDE: 01° 59’ 04.0” N LONGITUDE: 157° 21’ 15.1” W ELEVATION ABOVE MSL: 3 M

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT WIND DIRECTION (IN 30DEGREES SECTORS) AND SPEED WITHIN SPECIFIED RANGES											
WIND DIRECTION	WIND SPEED (KT)										
	1-5	6-10	11- 15	16- 20	21-25	26- 30	31-35	36-40	46-50	>50	TOTAL
CALM	55										55
VARIABLE	123	0	0	0	0	0	0	0	0	0	123
35-36-01	4	0	0	0	0	0	0	0	0	0	4
02-03-04	9	3	0	0	0	0	0	0	0	0	12
05-06-07	9	36	1	0	0	0	0	0	0	0	46
08-09-10	114	201	32	3	0	0	0	0	0	0	350
11-12-13	212	228	31	2	0	0	0	0	0	0	473
14-15-16	29	50	9	1	0	0	0	0	0	0	89
17-18-19	5	7	1	0	0	0	0	0	0	0	13
20-21-22	0	5	0	0	0	0	0	0	0	0	5
23-24-25	1	1	0	0	0	0	0	0	0	0	2
26-27-28	1	0	0	1	0	0	0	0	0	0	2
29-30-31	1	0	0	0	0	0	0	0	0	0	1
32-33-34	1	0	0	0	0	0	0	0	0	0	1
TOTAL											1176

AERODROME CLIMATOLOGICAL SUMMARY **MODEL D**

AERODROME: Cassidy airport MONTH: July PERIOD OF RECORD: 2017-2021

TOTAL NUMBER OF OBSERVATIONS: 1194

LATITUDE: 01° 59’ 04.0” N LONGITUDE: 157° 21’ 15.1” W ELEVATION ABOVE MSL: 3 M

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT WIND DIRECTION (IN 30DEGREES SECTORS) AND SPEED WITHIN SPECIFIED RANGES											
WIND DIRECTION	WIND SPEED (KT)										
	1-5	6-10	11- 15	16- 20	21-25	26- 30	31-35	36-40	46-50	>50	TOTAL
CALM	19										19
VARIABLE	55	0	0	0	0	0	0	0	0	0	55
35-36-01	1	1	0	0	0	0	0	0	0	0	2
02-03-04	3	1	0	0	0	0	0	0	0	0	4
05-06-07	2	15	8	0	0	0	0	0	0	0	25
08-09-10	92	231	66	1	0	0	0	0	0	0	390
11-12-13	197	320	57	12	0	0	0	0	0	0	586
14-15-16	23	55	27	6	0	0	0	0	0	0	105
17-18-19	2	3	0	0	0	0	0	0	0	0	5
20-21-22	1	0	0	0	0	0	0	0	0	0	1
23-24-25	0	0	0	0	0	0	0	0	0	0	0
26-27-28	1	0	0	1	0	0	0	0	0	0	2
29-30-31	0	0	0	0	0	0	0	0	0	0	0
32-33-34	0	0	0	0	0	0	0	0	0	0	0
TOTAL											1194

AERODROME CLIMATOLOGICAL SUMMARY **MODEL D**

AERODROME: Cassidy airport MONTH: August PERIOD OF RECORD: 2017-2021

TOTAL NUMBER OF OBSERVATIONS: 822

LATITUDE: 01° 59’ 04.0” N LONGITUDE: 157° 21’ 15.1” W ELEVATION ABOVE MSL: 3 M

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT WIND DIRECTION (IN 30DEGREES SECTORS) AND SPEED WITHIN SPECIFIED RANGES											
WIND DIRECTION	WIND SPEED (KT)										
	1-5	6-10	11- 15	16- 20	21-25	26- 30	31-35	36-40	46-50	>50	TOTAL
CALM	7										7
VARIABLE	16	1	0	0	0	0	0	0	0	0	17
35-36-01	0	2	0	0	0	0	0	0	0	0	2
02-03-04	2	0	0	0	0	0	0	0	0	0	2
05-06-07	1	2	6	0	0	0	0	0	0	0	9
08-09-10	34	82	31	1	0	0	0	0	0	0	253
11-12-13	98	233	51	8	1	0	0	0	0	0	391
14-15-16	26	72	27	11	0	0	0	0	0	0	136
17-18-19	0	3	0	0	0	0	0	0	0	0	3
20-21-22	0	0	0	0	0	0	0	0	0	0	0
23-24-25	0	0	0	0	0	0	0	0	0	0	0
26-27-28	0	0	0	1	0	0	0	0	0	0	1
29-30-31	0	0	0	0	0	0	0	0	0	0	0
32-33-34	1	0	0	0	0	0	0	0	0	0	1
TOTAL											822

AERODROME CLIMATOLOGICAL SUMMARY **MODEL D**

AERODROME: Cassidy airport MONTH: September PERIOD OF RECORD: 2017-2021

TOTAL NUMBER OF OBSERVATIONS: 1198

LATITUDE: 01° 59’ 04.0” N LONGITUDE: 157° 21’ 15.1” W ELEVATION ABOVE MSL: 3 M

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT WIND DIRECTION (IN 30DEGREES SECTORS) AND SPEED WITHIN SPECIFIED RANGES											
WIND DIRECTION	WIND SPEED (KT)										
	1-5	6-10	11- 15	16- 20	21-25	26- 30	31-35	36-40	46-50	>50	TOTAL
CALM	23										23
VARIABLE	61	0	0	0	0	0	0	0	0	0	61
35-36-01	1	0	0	0	0	0	0	0	0	0	1
02-03-04	2	3	0	0	0	0	0	0	0	0	5
05-06-07	6	7	0	0	0	0	0	0	0	0	12
08-09-10	50	163	25	0	0	0	0	0	0	0	238
11-12-13	201	413	49	7	0	0	0	0	0	0	670
14-15-16	30	92	24	10	0	0	0	0	0	0	180
17-18-19	4	1	1	0	0	0	0	0	0	0	6
20-21-22	1	0	0	0	0	0	0	0	0	0	1
23-24-25	0	0	0	0	0	0	0	0	0	0	0
26-27-28	0	0	0	0	0	0	0	0	0	0	0
29-30-31	1	0	0	0	0	0	0	0	0	0	1
32-33-34	0	0	0	0	0	0	0	0	0	0	0
TOTAL											1198

AERODROME CLIMATOLOGICAL SUMMARY **MODEL D**

AERODROME: Cassidy airport MONTH: October PERIOD OF RECORD: 2017-2021

TOTAL NUMBER OF OBSERVATIONS: 1226

LATITUDE: 01° 59’ 04.0” N LONGITUDE: 157° 21’ 15.1” W ELEVATION ABOVE MSL: 3 M

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT WIND DIRECTION (IN 30DEGREES SECTORS) AND SPEED WITHIN SPECIFIED RANGES											
WIND DIRECTION	WIND SPEED (KT)										
	1-5	6-10	11- 15	16- 20	21-25	26- 30	31-35	36-40	46-50	>50	TOTAL
CALM	21										21
VARIABLE	72	0	0	0	0	0	0	0	0	0	72
35-36-01	1	1	0	0	0	0	0	0	0	0	2
02-03-04	0	1	0	0	0	0	0	0	0	0	1
05-06-07	5	19	1	0	0	0	0	0	0	0	25
08-09-10	77	204	55	3	0	0	0	0	0	0	339
11-12-13	183	361	54	6	0	0	0	0	0	0	604
14-15-16	47	70	21	5	1	0	0	0	0	0	144
17-18-19	12	4	0	1	0	0	0	0	0	0	17
20-21-22	0	0	0	0	0	0	0	0	0	0	0
23-24-25	0	0	0	0	0	0	0	0	0	0	0
26-27-28	0	0	0	1	0	0	0	0	0	0	1
29-30-31	0	0	0	0	0	0	0	0	0	0	0
32-33-34	0	0	0	0	0	0	0	0	0	0	0
TOTAL											1226

AERODROME CLIMATOLOGICAL SUMMARY **MODEL D**

AERODROME: Cassidy airport MONTH: November PERIOD OF RECORD: 2017-2021

TOTAL NUMBER OF OBSERVATIONS: 1186

LATITUDE: 01° 59’ 04.0” N LONGITUDE: 157° 21’ 15.1” W ELEVATION ABOVE MSL: 3 M

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT WIND DIRECTION (IN 30DEGREES SECTORS) AND SPEED WITHIN SPECIFIED RANGES											
WIND DIRECTION	WIND SPEED (KT)										
	1-5	6-10	11- 15	16- 20	21-25	26- 30	31-35	36-40	46-50	>50	TOTAL
CALM	16										16
VARIABLE	70	0	0	0	0	0	0	0	0	0	70
35-36-01	0	0	0	0	0	0	0	0	0	0	0
02-03-04	2	1	0	0	0	0	0	0	0	0	3
05-06-07	2	6	0	0	0	0	0	0	0	0	8
08-09-10	70	239	57	4	0	0	0	0	0	0	370
11-12-13	142	352	75	16	0	0	0	0	0	0	585
14-15-16	21	67	22	12	0	0	0	0	0	0	122
17-18-19	9	1	0	0	0	0	0	0	0	0	10
20-21-22	1	0	0	0	0	0	0	0	0	0	1
23-24-25	1	0	0	0	0	0	0	0	0	0	1
26-27-28	0	0	0	0	0	0	0	0	0	0	0
29-30-31	0	0	0	0	0	0	0	0	0	0	0
32-33-34	0	0	0	0	0	0	0	0	0	0	0
TOTAL											1186

AERODROME CLIMATOLOGICAL SUMMARY **MODEL D**

AERODROME: Cassidy airport MONTH: December PERIOD OF RECORD: 2017-2021

TOTAL NUMBER OF OBSERVATIONS: 2065

LATITUDE: 01° 59’ 04.0” N LONGITUDE: 157° 21’ 15.1” W ELEVATION ABOVE MSL: 3 M

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT WIND DIRECTION (IN 30DEGREES SECTORS) AND SPEED WITHIN SPECIFIED RANGES											
WIND DIRECTION	WIND SPEED (KT)										
	1-5	6-10	11- 15	16- 20	21-25	26- 30	31-35	36-40	46-50	>50	TOTAL
CALM	22										22
VARIABLE	66	0	0	0	0	0	0	0	0	0	66
35-36-01	1	0	0	0	0	0	0	0	0	0	1
02-03-04	8	16	2	0	0	0	0	0	0	0	26
05-06-07	13	64	18	0	0	0	0	0	0	0	95
08-09-10	164	476	168	27	0	0	0	0	0	0	835
11-12-13	194	461	141	65	0	0	0	0	0	0	861
14-15-16	37	81	24	10	0	0	0	0	0	0	152
17-18-19	4	1	0	0	0	0	0	0	0	0	5
20-21-22	1	0	0	0	0	0	0	0	0	0	1
23-24-25	0	0	0	0	0	0	0	0	0	0	0
26-27-28	0	0	0	1	0	0	0	0	0	0	1
29-30-31	0	0	0	0	0	0	0	0	0	0	0
32-33-34	0	0	0	0	0	0	0	0	0	0	0
TOTAL											2065