

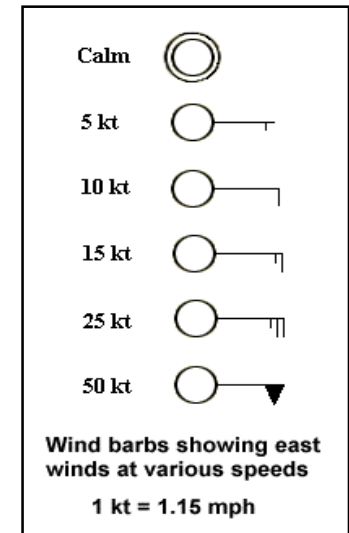
Temp	
C	F
40	104
38	100
36	97
34	93
32	90
30	86
28	82
26	79
24	75
22	72
20	68
18	64
16	61
14	57
12	54
10	50
8	46
6	43
4	39
2	36
0	32
-2	28
-4	25
-6	21
-8	18
-10	14
-12	10
-14	7

CST Times		
Zulu	Summer	Winter
10:00	5:00 AM	4:00 AM
11:00	6:00 AM	5:00 AM
12:00	7:00 AM	6:00 AM
13:00	8:00 AM	7:00 AM
14:00	9:00 AM	8:00 AM
15:00	10:00 AM	9:00 AM
16:00	11:00 AM	10:00 AM
17:00	12:00 PM	11:00 AM
18:00	1:00 PM	12:00 PM
19:00	2:00 PM	1:00 PM
20:00	3:00 PM	2:00 PM
21:00	4:00 PM	3:00 PM
22:00	5:00 PM	4:00 PM
23:00	6:00 PM	5:00 PM
0:00	7:00 PM	6:00 PM
1:00	8:00 PM	7:00 PM
2:00	9:00 PM	8:00 PM
3:00	10:00 PM	9:00 PM
4:00	11:00 PM	10:00 PM
5:00	12:00 AM	11:00 PM
6:00	1:00 AM	12:00 AM
7:00	2:00 AM	1:00 AM
8:00	3:00 AM	2:00 AM
9:00	4:00 AM	3:00 AM
10:00	5:00 AM	4:00 AM

Speed	
Kts	MPH
1	1
2	2
3	3
4	5
5	6
6	7
7	8
8	9
9	10
10	12
11	13
12	14
13	15
14	16
15	17
16	18
17	20
18	21
19	22
20	23
21	24
22	25
23	26
24	28
25	29

Stability

Lifted Index	Showalter Index	K-Index	Convective Available Potential Energy	Description
LI	SWI	KI	CAPE	
>0	>4	0-17	0	Stable
0 to -2	1-3	18-25	0-1000	Marginally Unstable
-3 to -5	1 to -2	26-29	1000-2500	Moderately Unstable
-6 to -7	-3 to -5	30-35	2500-3500	Very Unstable
<-7	<-5	36+	3500+	Extremely Unstable



1 Knot = 1 Nautical Mile per hour
 1 Nautical mile = 6076.12 ft. = 1852 m **
 1 Statute mile = 1760 yards = 5280 feet
 100' = .017 N .022 W