

FIG 7-1-1  
Weather Elements Conversion Tables

**TIME**

**STANDARD TO UTC**

Eastern + 5 hr = UTC  
 Central + 6 hr = UTC  
 Mountain + 7 hr = UTC  
 Pacific + 8 hr = UTC  
 Alaskan + 9 hr = UTC  
 Hawaii & Aleutian Islands + 10 hr = UTC

Subtract one hour for Daylight Time

**WINDSPEED**

MPH	KNOTS
1-2	1-2
3-8	3-7
9-14	8-12
15-20	13-17
21-26	18-22
26-31	23-27
32-37	28-32
38-43	33-37
44-49	38-42
50-54	43-47
55-60	48-52
61-66	53-57
67-71	58-62
72-77	63-67
78-83	68-72
84-89	73-77
119-123	103-107

Knots x 1.15 = Miles Per Hour  
 Miles Per Hour x 0.869 = Knots

