

Wind_And_Humidity_Chill_Factors_1988.txt

05/09/88 22:45:41
From: NEIL SHERMAN
WIND CHILL TABLE

WIND CHILL TABLE...

Wind..0MPH.5...	10...	15...	20...	25...	30...	35...	40
TEMP..35F..33...	21...	16...	12...	7....	5....	3....	1
E.....30...	27...	16...	11....	3....	0....	2....	-4...-4
M.....25...	21....	9....	1....	-4....	-7...-	11...-	13...-15
P.....20...	16....	2....	-6....	-9...-	15...-	18...-	20...-22
E.....15...	12....	-2...-	11...-	17...-	22...-	26...-	27...-29
R.....10...	7....	-9...-	18...-	24...-	29...-	33...-	35...-36
A.....5....	1....	-15...-	25...-	32...-	37...-	41...-	43...-45
T.....0....	-6...-	22...-	33...-	40...-	45...-	49...-	52...-54
U.....-5...	-11...-	27...-	40...-	46...-	52...-	56...-	60...-62
R.....-10...	-15...-	31...-	45...-	52...-	58...-	63...-	67...-69
E.....-15...	-20...-	38...-	51...-	60...-	67...-	70...-	72...-76
.....-20...	-26...-	45...-	60...-	68...-	75...-	78...-	83...-87
.....-25...	-31...-	52...-	65...-	76...-	83...-	87...-	90...-94
.....-30...	-35...-	58...-	70...-	81...-	89...-	94...-	98...-101
.....-35...	-41...-	64...-	78...-	88...-	96...-	101...-	101...-107
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SOURCE: NOAA; NWS; EDS; NESS; ERL

From: NEIL SHERMAN
HUMIDITY FACTOR TABLE

HUMIDITY EFFECT TABLE

RHUM..10%..20%..30%..40%..50%..60%..70%..80%..90
T+74F.68...70...73...74...75...75...75...76...77
E+76..70...72...75...76...77...77...77...78...79
M+78..72...75...77...78...79...80...81...83...85
P+80..75...77...78...79...81...83...85...86...89

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E+82..77...79...80...81...84...86...89...91...95
R+84..78...81...83...85...86...89...91...95...99
A+86..80...84...85...87...90...92...96..100..109
T+88..82...86...87...89...93...95..100..106..115
U+90..85...88...90...92...96..100..106..114..122
R+92..87...90...92...96..100..106..115..122.....
E+94..89...93...95..100..105..111..122.....
.+96..91...95...98..104..108..120..128.....
.+98..93...97..101..106..110..125.....
+100..95...99..105..110..120..132.....
+102..97..101..108..117..125.....

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SOURCE: NOAA; NWS; EDS; NESS; ERL