

# Wet Bulb – Dry Bulb – RH – EMC (MC) Table (Part 1)

WET BULB DEPRESSION (° F.) (DIFFERENCE BETWEEN WET AND DRY BULB TEMPERATURES)

		1°	2°	3°	4°	5°	6°	7°	8°	9°	10°	11°	12°	13°	14°	15°	16°	17°	18°		
DRY BULB TEMPERATURES (° F.)	30°	89	78	67	57	46	36	27	17	6				Relative humidity shown in bold face type in upper half of square – equilibrium moisture content in light face type in lower half of square.					30°		
	35°	90	81	72	63	54	45	37	28	19	11	3							35°		
	40°	92	83	75	68	60	52	45	37	29	22	15	8							40°	
	45°	93	85	78	72	64	58	51	44	37	31	25	19	12	6						45°
	50°	93	86	80	74	68	62	56	50	44	38	32	27	21	16	10	5				50°
	55°	94	88	82	76	70	65	60	54	49	44	39	34	28	24	19	14	9	5		55°
	60°	94	89	83	78	73	68	63	58	53	48	43	39	34	30	26	21	17	13		60°
	65°	95	90	84	80	75	70	66	61	56	52	48	44	39	36	32	27	24	20		65°
	70°	95	90	86	81	77	72	68	64	59	55	51	48	44	40	36	33	29	25		70°
	75°	95	91	86	82	78	74	70	66	62	58	54	51	47	44	41	37	34	31		75°
	80°	96	91	87	83	79	75	72	68	64	61	57	54	50	47	44	41	38	35		80°
	85°	96	92	88	84	80	76	73	70	66	63	59	56	53	50	47	44	41	38		85°
	90°	96	92	89	85	81	78	74	71	68	65	61	58	55	52	49	47	44	41		90°
	95°	96	92	89	85	82	79	75	72	69	66	63	60	57	55	52	49	46	44		95°
	100°	96	93	89	86	83	80	77	73	70	68	65	62	59	56	54	51	49	46		100°
	105°	96	93	90	87	83	80	77	74	71	69	66	63	60	58	55	53	50	48		105°
	110°	97	93	90	87	84	81	78	75	73	70	67	65	62	60	57	55	52	50		110°
	115°	97	93	90	88	85	82	79	76	74	71	68	66	63	61	58	56	54	52		115°
	120°	97	94	91	88	85	82	80	77	74	72	69	67	65	62	60	58	55	53		120°
	125°	97	94	91	88	86	83	80	77	75	73	70	68	65	63	61	59	57	55		125°
	130°	97	94	91	89	86	83	81	78	76	73	71	69	67	64	62	60	58	56		130°
140°	97	95	92	89	87	84	82	79	77	75	73	70	68	66	64	62	60	58		140°	
150°	98	95	92	90	87	85	82	80	78	76	74	72	70	68	66	64	62	60		150°	
160°	98	95	93	90	88	86	83	81	79	77	75	73	71	69	67	65	64	62		160°	
170°	98	95	93	91	89	86	84	82	80	78	76	74	72	70	69	67	65	63		170°	
180°	98	96	94	91	89	87	85	83	81	79	77	75	73	72	70	68	67	65		180°	
190°	98	96	94	92	90	88	85	84	82	80	78	76	75	73	71	69	68	66		190°	
200°	98	96	94	92	90	88	86	84	82	80	79	77	75	74	72	70	69	67		200°	
210°	98	96	94	92	90	88	86	85	83	81	79	78	76	75	73	71	70	68		210°	

**Directions:** Find dry bulb temperature on side margin and wet bulb depression at top or bottom of chart. Follow these columns to square at point of intersection. Relative humidity values are in bold type in upper half of square, equilibrium moisture content values in light face type in lower half of square.

*Compiled from chart data furnished by Forest Products Laboratory*

