

**WET BULB
TEMPER-
ATURE**

ENTHALPY CHART

WET BULB TO ENTHALPY CONVERSION

Wet bulb temperature in tenths of a degree Fahrenheit

	.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
51	20.86	20.92	20.98	21.04	21.09	21.15	21.21	21.26	21.32	21.38
52	21.44	21.49	21.55	21.60	21.66	21.72	21.78	21.83	21.89	21.95
53	22.02	22.06	22.12	22.09	22.24	22.30	22.36	22.43	22.49	22.55
54	22.62	22.68	22.74	22.80	22.86	22.92	22.98	23.04	23.11	23.16
55	23.22	23.28	23.34	23.40	23.46	23.52	23.58	23.64	23.71	23.77
56	23.84	23.90	23.96	24.03	23.09	24.15	24.21	24.28	24.34	24.40
57	24.48	24.53	24.59	24.66	24.72	24.79	24.85	24.92	24.99	25.05
58	25.12	25.18	25.25	25.32	25.38	25.45	25.51	25.58	25.65	25.71
59	25.78	25.85	25.91	25.99	26.06	26.12	26.19	26.26	26.33	26.39
60	26.46	26.53	26.60	26.67	26.74	26.81	26.88	26.94	27.01	27.08
61	27.15	27.21	27.28	27.35	27.42	27.48	27.55	27.62	27.69	27.76
62	27.85	27.92	28.00	28.07	28.14	28.21	28.29	28.36	28.43	28.50
63	28.57	28.65	28.72	28.79	28.86	28.94	29.01	29.08	29.16	29.23
64	29.31	29.38	29.45	29.53	29.60	29.68	29.76	29.83	29.91	29.98
65	30.06	30.13	30.21	30.29	30.37	30.45	30.52	30.60	30.68	30.76
66	30.83	30.92	31.00	31.07	31.15	31.23	31.31	31.39	31.47	31.54
67	31.62	31.70	31.77	31.85	31.93	32.01	32.09	32.17	32.25	32.33
68	32.42	32.51	32.59	32.67	32.76	32.84	32.92	33.01	33.09	33.17
69	33.25	33.34	33.42	33.50	33.59	33.67	33.75	33.84	33.92	34.01
70	34.09	34.17	34.26	34.34	34.43	34.51	34.60	34.69	34.77	34.86
71	34.95	25.04	35.13	35.22	35.31	35.40	35.48	35.57	35.66	35.74
72	35.83	35.92	36.01	36.10	36.19	36.27	36.37	36.46	36.55	36.65
73	36.74	36.83	36.92	37.02	37.11	37.21	37.30	37.39	37.48	37.57
74	37.66	37.76	37.85	37.94	38.04	38.14	38.23	38.33	38.43	38.52
75	38.61	38.71	38.80	38.90	39.00	39.09	39.19	39.28	39.37	39.47
76	39.57	39.67	39.77	39.87	39.97	40.07	34.17	40.27	40.37	40.47
77	40.57	40.68	40.78	40.88	40.98	40.08	41.18	41.28	41.38	41.48
78	41.58	41.69	41.79	41.89	42.00	42.10	42.20	42.31	42.41	42.52
79	42.62	42.73	42.83	42.94	43.05	43.15	43.26	43.37	43.48	43.59
80	43.69	43.81	43.91	44.02	44.13	44.24	44.36	44.46	44.57	44.68
81	44.78	44.89	45.00	45.11	45.23	45.34	45.45	45.57	45.68	45.80
82	45.90	46.02	46.13	4.24	46.35	46.47	46.58	46.69	46.71	46.82
83	47.04	47.16	47.28	47.40	47.52	47.63	47.75	47.87	48.00	48.10
84	48.22	48.34	48.46	48.58	48.70	48.82	48.94	49.06	49.19	49.31
85	49.43	49.56	49.68	49.70	49.92	50.05	50.17	50.29	50.41	50.54

Measure any wet bulb temperature. Select the temperature from the left column, then the tenth of a degree from the columns to the right. This will be the heat content of one pound of air at the corresponding wet temperature. To determine enthalpy change, also known as ΔHT , locate the enthalpy of two wet bulb readings subtract the enthalpy values.