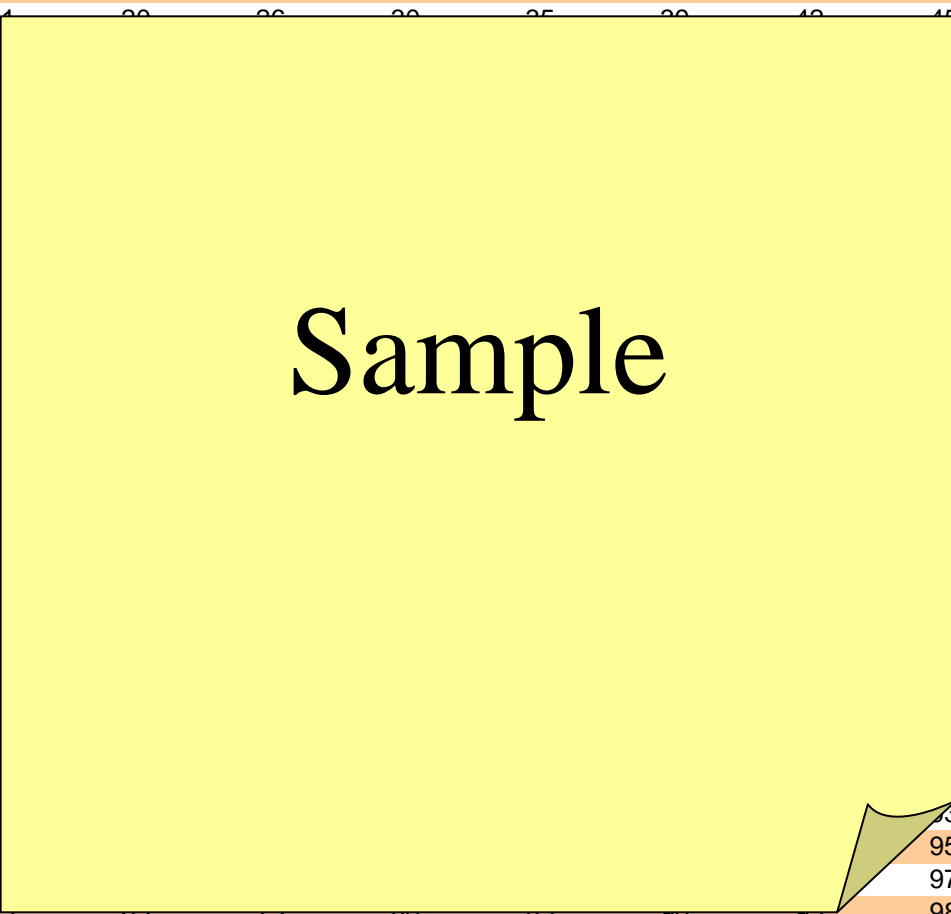


Dew-point Temperature Finder

pressure = 14.7 psia (sea level)

Temp, °F	Relative Humidity									
	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%
44	-5	8	16	22	27	31	35	38	41	44
46	-4	10	18	24	29	33	37	40	43	46
48	-2	11	20	26	31	35	39	42	45	48
50	-1	12	21	27	32	36	40	43	46	50
52	1	13	22	28	33	37	41	44	47	52
54	2	14	23	29	34	38	42	45	48	54
56	4	15	24	30	35	39	43	46	49	56
58	5	16	25	31	36	40	44	47	50	58
60	6	17	26	32	37	41	45	48	51	60
62	8	18	27	33	38	42	46	49	52	62
64	9	19	28	34	39	43	47	50	53	64
66	10	20	29	35	40	44	48	51	54	66
68	12	21	30	36	41	45	49	52	55	68
70	13	22	31	37	42	46	50	53	56	70
72	15	23	32	38	43	47	51	54	57	72
74	16	24	33	39	44	48	52	55	58	74
76	17	25	34	40	45	49	53	56	59	76
78	19	26	35	41	46	50	54	57	60	78
80	20	27	36	42	47	51	55	58	61	80
82	21	28	37	43	48	52	56	59	62	82
84	23	29	38	44	49	53	57	60	63	84
86	24	30	39	45	50	54	58	61	64	86
88	26	31	40	46	51	55	59	62	65	88
90	27	32	41	47	52	56	60	63	66	90
92	28	33	42	48	53	57	61	64	67	92
94	30	34	43	49	54	58	62	65	68	94
96	31	35	44	50	55	59	63	66	69	96
98	32	36	45	51	56	60	64	67	70	98
100	34	37	46	52	57	61	65	68	71	100
102	35	38	47	53	58	62	66	69	72	102
104	37	39	48	54	59	63	67	70	73	104
106	38	40	49	55	60	64	68	71	74	106



What is the dew-point your water-from-air equipment has to work with?

Find dew-point of air (deg F), given:

- pressure (bar),
- dry bulb temperature (deg F), and
- relative humidity (%) of the air entering the water-from-air equipment.

Standard barometric pressure at sea level (14.7 psia) can be assumed in most habitable locations and elevations.

The Standard Test Conditions for dehumidifiers (AHAM DH-1-2008) are 80 deg F, 60% RH associated with dew-point of 64.9 deg F.