

Table 1A
Outdoor Design Conditions for the United States

Location	Elevation	Latitude	Winter	Summer					
	Feet	Degrees North	Heating 99% Dry Bulb	Cooling 1% Dry Bulb	Coincident Wet Bulb	Design Grains 55% RH	Design Grains 50% RH	Design Grains 45% RH	Daily Range (DR)
New York									
Albany AP	285	42	-2	86	70	14	21	27	M
Albany CO	275	42	1	88	72	23	30	36	M
Auburn	417	43	2	87	71	18	24	31	M
Bafavia	913	43	5	87	71	19	26	32	M
Binghamton AP	1590	42	2	82	69	15	22	28	M
Buffalo AP	705	43	5	84	69	12	19	25	M
Central Islip	98	40	15	85	72	28	35	41	M
Cortland	1198	42	0	85	71	22	29	35	M
Dunkirk	692	42	9	85	72	28	35	41	M
Elmira AP	955	42	3	87	71	19	26	32	M
Geneva	417	42	2	87	71	18	24	31	M
Glens Falls	328	43	-4	85	71	22	29	35	M
Gloversville	417	43	-2	86	71	19	26	33	M
Hornell	1220	42	0	85	70	16	23	29	M
Ithaca	1099	42	0	85	71	22	29	35	M
Jamestown	1723	42	3	86	70	14	21	27	M
Kingston	149	42	2	88	72	23	30	36	M
Lockport	638	43	7	86	72	26	33	39	M
Massena AP	213	44	-10	84	71	23	30	36	M
Newburg-Stewart AFB	471	41	10	85	72	28	35	41	M
NYC-Central Park	7	40	15	89	73	27	34	40	M
NYC-Kennedy AP	13	40	15	88	72	23	30	36	M
NYC-La Guardia AP	22	40	17	89	73	27	34	40	M
Niagra Falls AP	590	43	7	85	71	22	29	35	M
Olean	2135	42	2	84	71	23	30	36	M
Oneonta	1764	42	-4	83	69	14	21	27	M
Oswego CO	300	43	7	83	71	25	32	38	M

Plattsburg AFB	235	44	-4	83	69	14	21	27	M
Poughkeepsie	165	41	6	88	72	23	30	36	M
Rochester AP	547	43	5	86	71	20	27	33	M
Rome-Griffiss AFB	514	43	1	86	70	14	21	27	M
Schenectady	378	42	1	87	72	24	31	37	M
Suffolk County AFB	67	40	10	83	71	25	32	38	M
Syracuse AP	410	43	2	85	71	22	29	35	M
Utica	742	43	-6	85	71	22	29	35	M
Watertown	325	44	-6	83	70	19	26	32	M
White Plains	439	41	12	87	72	24	31	37	M

Location	Elevation	Latitude	Winter	Summer					
	Feet	Degrees North	Heating 99% Dry Bulb	Cooling 1% Dry Bulb	Coincident Wet Bulb	Design Grains 55% RH	Design Grains 50% RH	Design Grains 45% RH	Daily Range (DR)