

DEW POINT ANALYSIS

CLIMATE ZONE 4 - WICHITA, KS

DFW 3 Month Average Coldest Temperature:

35.5

Indoor Temperatures:

68

Wall Type	Interior Insulation	Exterior Insulation	Temp. Indoor*	RH Indoor	Dew Point*	Ave. 3 Moths	Rc	Rt	Ts Sheathing	Y/N
2x4 Batts	13	0	68	30	36	35.5	13	13	35.50	NO
2x4 Batts	13	3	68	30	36	35.5	13	16	41.59	YES
2x4 Batts	13	5	68	30	36	35.5	13	18	44.53	YES
2x4 Batts	13	3	68	40	43	35.5	13	16	41.59	NO
2x4 Batts	13	5	68	40	43	35.5	13	18	44.53	YES
2x4 Batts	13	8	68	40	43	35.5	13	21	47.88	YES
2x4 Cellulose	13.5	5	68	45	46	35.5	13	18.5	45.16	NO
2x4 Cellulose	13.5	8	68	45	46	35.5	13	21.5	48.35	YES
2x4 Cellulose	13.5	10	68	45	46	35.5	13	23.5	50.02	YES
2x4 Cellulose	13.5	8	68	50	49	35.5	13	21.5	48.35	NO
2x4 Cellulose	13.5	10	68	50	49	35.5	13	23.5	50.02	YES
2x4 Cellulose	13.5	13	68	50	49	35.5	13	26.5	52.06	YES
2x6 Batts	19	0	68	30	36	35.5	19	19	35.50	NO
2x6 Batts	19	3	68	30	36	35.5	19	22	39.93	YES
2x6 Batts	19	5	68	30	36	35.5	19	24	42.27	YES
2x6 Batts	19	5	68	40	43	35.5	19	24	42.27	NO
2x6 Batts	19	8	68	40	43	35.5	19	27	45.13	YES
2x6 Batts	19	10	68	40	43	35.5	19	29	46.71	YES
2x6 Cellulose	20	8	68	45	46	35.5	20	28	44.79	NO
2x6 Cellulose	20	10	68	45	46	35.5	20	30	46.33	YES
2x6 Cellulose	20	13	68	45	46	35.5	20	33	48.30	YES
2x6 Cellulose	20	13	68	50	49	35.5	20	33	48.30	NO
2x6 Cellulose	20	15	68	50	49	35.5	20	35	49.43	YES
2x6 Cellulose	20	18	68	50	49	35.5	20	38	50.89	YES

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