

One northern state has a temperature limit of 50° F. whereas Florida can conditionally place material as low as 30° F. We have discussed this subject with the National Asphalt Pavement Association (NAPA) and it has been recommended by the NAPA-AGC Joint Cooperative Committee that an air temperature of 33° F. be substituted in lieu of calendar dates or other temperature requirements.

We recommend the adoption of 33° F. as a uniform standard.

In recent years in the state of Washington we have embarked on an extensive research program jointly sponsored by the Department of Highways and the Asphalt Paving Association of Washington. We are finding some interesting facts particularly when thicker lifts, which retain more heat, are used.

Now that greater uniformity is reasonably assured through the use of automated plants, thicker lifts and improved compaction techniques, we have arrived at a point where we can satisfactorily use material with lower temperatures.

Our experimental work and conclusions are of such a short life span that we have not had enough experience to demonstrate conclusively that the useful life of our pavements are being extended. More study should be made of the possibility of reducing the temperature.

Although we have calendar date placement limitations we also have an escape clause which permits the engineer to extend the length of time when asphalt placement is permitted.

Attached is a list of the various state limitations of pouring asphalt. I hope that this information will be of some interest to you.

Sincerely,

WILLIAM E. NAUMANN,
Chairman, Legislative Committee.

STATE LIMITATIONS ON ASPHALTIC CONCRETE PLACEMENT

State	Calendar dates	Minimum temperature	Spec. ed.	Section	Page
Alaska.....		40° F. or bad conditions.....	65	401.07.....	72
Alabama.....		Surface 40° F.; air 40° and rising; stop, air 45° and falling.	64	325.06.....	
Arizona.....		Only when weather conditions suitable.	60	41-3.06.....	142
Arkansas.....	Mar. 15-Dec. 15, except w. p.	40° F., air 3 ft. up.....	59	608.13.....	210
California.....		Air 40° F., open graded 60° F.....	64	39-6.01.....	181
Colorado.....		Air 40° F., w.p. at lower temperature.	661	401.07.....	113
Connecticut.....		Air 40° F. except w.p.....	63	4.02.03-8.....	125
Delaware.....		do.....	65	11.19.....	156
Florida.....		Air 30° F. for 24 hrs. If freeze, air 60° F. No freeze, 40° F.	66	330-3.1.....	191
Georgia.....		Air 40° F.; surface 40° F.....	66	350.07.....	322
Idaho.....		Air 40° F., rising; 50° F. falling except w.p.	66S	407.12.....	221
Illinois.....	Oct. 15 except w. p. (until)	Air 40° F. except w.p.....	66S	46.4.....	229
Indiana.....	Apr. 2-Nov. 1 except w. p.	Air 40° F.....	63	D305.10.....	236
Iowa.....	Nov. 15 except w.p. (until)	do.....	64	2303.20.....	286
Kansas.....		do.....	66	E11-7.....	295
Kentucky.....	Apr. 1-Nov. 15 except w.p.	do.....	65	306.3.1.....	156
Louisiana.....		Air 40° F. rising or 45° F. falling except w.p.	66	501.06.....	108
Maine.....		Air 40° F.....	65	401.07.....	97
Maryland.....	Mar. 1-Nov. 15	do.....	62	33.12.3(17).....	277
Massachusetts.....	Apr. 1-Nov. 15 except w.p.	Air 40° F. under 50° conditions.....	65	B18.34C.....	188
Michigan.....	May 15-Nov. 1 (LP) ¹ June 1-Oct. (UP) ²	Air 40° F.....	65	4.12.03p.....	226
Minnesota.....		Air 33° rising; surface 32° F; 36° F. falling.	64	23331.3.....	289
Mississippi.....		Air 40° F. rising except w.p.....	56	121.07.....	171
Missouri.....	May 1-Oct. 1 except w.p.	Air 40° F.....	61	43.4.4.1.....	198
Montana.....	Apr. 1-Nov. 1 except w.p.	Air 40° F. rising.....	66	30.05A.....	129
Nebraska.....		Air 40° F.....	65	66.07.....	225
Nevada.....		Air 50° F., open graded 60° F.....	64	40.6.....	239
New Hampshire.....		Air 40° F. rising except w.p.....	60	250-35.....	142
New Jersey.....		Air 40° F. except w.p.....	61	3.10.3.....	178
New Mexico.....	Mar. 1-Dec. 1 except w.p.	Air 40° F. rising, 50° F. falling.....	631	48.10.2.....	153
New York.....	May 15-Oct. 15; Apr. 1-Nov. 1 in 7 counties.	Air 50° F. rising and surface 45° F.	62		263

¹ LP—Lower Peninsula w.p.

² UP—Upper Peninsula w.p.

Note: w.p.—“with permission” or “or with permission”