

Table 3.1 Asphalt Binder Grades and Reliability for Selected Cities

ST	Station	Latitude	Min 50% Grade	Actual Reliability		Min 98% Grade	Actual Reliability	
				High	Low		High	Low
AL	Mobile	30.68	PG 58-10	84	99	PG 64-10	99.9	99
AK	Juneau 2	58.30	PG 40-16	91	70	PG 46-28	99.9	99
AZ	Phoenix WSFO AP	33.43	PG 70-10	99.9	99.9	PG 70-10	99.9	99.9
AR	Little Rock FAA AP	34.73	PG 58-10	69	64	PG 64-16	99.9	97
CA	Los Angeles WSO AP	33.93	PG 52-10	66	99.9	PG 58-10	99.9	99.9
	Sacramento WSO CI	38.58	PG 58-10	61	99.9	PG 64-10	99.9	99.9
	San Francisco WSO AP	37.62	PG 52-10	98	99.9	PG 52-10	98	99.9
CO	Denver WSFO AP	39.77	PG 58-22	99.9	78	PG 58-28	99.9	99
CT	Hartford WSO AP	41.93	PG 52-22	54	89	PG 58-28	99.9	99.7
DC	Wash. Natl WSCMO AP	38.85	PG 58-10	99.9	57	PG 58-16	99.9	99
DE	Wilmington WSO AP	39.67	PG 58-16	99	84	PG 58-22	99	99.4
FL	Jacksonville WSO AP	30.50	PG 58-10	91	98.6	PG 64-10	99.9	98.6
	Miami WSCMO AP	25.80	PG 58-10	99	99.9	PG 58-10	99	99.9
GA	Atlanta WSO AP	33.65	PG 58-10	90	64	PG 64-16	99.9	96.8
HI	Lahaina 361	20.88	PG 58-10	99.9	99.9	PG 58-10	99.9	99.9
IA	Des Moines WSFO AP	41.53	PG 58-22	98	67	PG 58-28	98	99.3
ID	Boise WSFO AP	43.57	PG 58-16	93	61	PG 64-28	99.9	99.6
IL	Chicago O'Hare WSO AP	41.98	PG 52-22	58	67	PG 58-28	99.9	99.3
	Peoria WSO AP	40.67	PG 58-22	99.9	85	PG 58-28	99.9	99.9
IN	Indianapolis SE Side	39.75	PG 58-22	99	89	PG 58-28	99	99.7
KS	Wichita WSO AP	37.65	PG 64-16	99.9	57	PG 64-22	99.9	98.5
KY	Lexington WSO AP	38.03	PG 58-16	98	50	PG 58-28	98	99.8
	Louisville WSFO	38.18	PG 58-16	96	67	PG 64-22	99.9	95
LA	New Orleans WSCMO AP	29.98	PG 58-10	97	98.5	PG 64-10	99.9	98.5
MA	Lowell	42.65	PG 52-16	58	65	PG 58-28	99.9	99.1
MD	Baltimore WSO AP	39.18	PG 58-16	99.9	91	PG 58-22	99.9	99.9
ME	Portland	43.67	PG 52-16	97	59	PG 58-28	99.9	98.7
MI	Detroit City AP	42.42	PG 52-16	56	77	PG 58-22	99.9	99.7
	Sault Ste. Marie WSO	46.47	PG 52-28	99.9	90	PG 52-34	99.9	99.9
MN	Duluth WSO AP	46.83	PG 52-28	99.9	57	PG 52-34	99.9	98.5
	Minn-St Paul WSO AP	44.88	PG 52-28	71	90	PG 58-34	99.9	99.9
MO	Kansas City FSS	39.12	PG 58-16	80	57	PG 64-22	99.9	98.5
	St. Louis WSCMO AP	38.75	PG 58-16	91	57	PG 64-22	99.9	98.5
MS	Jackson WSFO AP	32.32	PG 58-10	55	77	PG 64-16	99.9	99.7
MT	Great Falls	47.52	PG 52-28	69	67	PG 58-34	99.9	95
NC	Charlotte WSO AP	35.22	PG 58-10	92	68	PG 64-16	99.9	99.3
	Raleigh 4 SW	35.73	PG 58-10	93	68	PG 64-16	99.9	99.3
ND	Bismarck WSFO AP	46.77	PG 58-34	99.9	88	PG 58-40	99.9	99.6
NE	Omaha (North) WSFO	41.37	PG 58-22	98	68	PG 58-28	98	99.3
NH	Concord WSO AP	43.20	PG 52-22	61	50	PG 58-34	99.9	99.8
NJ	Atlantic City	39.38	PG 52-10	77	68	PG 58-16	99.9	99.3
NM	Laguna	35.03	PG 58-16	81	64	PG 64-22	99.9	96.7
NV	Reno WSFO AP	39.50	PG 58-16	97	71	PG 64-22	99.9	98