```
Contiguous U.S., Palmer Modified Drought Index (PMDI)
Base Period: 1901-2000
Missing: -99
Date, Value, Anomaly
197901,1.13,0.73
197902,1.70,1.28
197903,1.75,1.49
197904,2.26,1.99
197905,2.49,2.24
197906, 1.70, 1.37
197907,2.53,2.14
197908,3.05,2.67
197909,2.68,2.32
197910,2.38,2.00
197911,2.51,2.18
197912,1.72,1.44
198001,2.23,1.83
198002,1.98,1.56
198003,2.88,2.62
198004,2.25,1.98
198005,2.35,2.10
198006,0.82,0.49
198007,-1.48,-1.87
198008, -1.79, -2.17
198009, -1.34, -1.70
198010,-1.42,-1.80
198011, -2.06, -2.39
198012, -3.11, -3.39
198101,-4.78,-5.18
198102, -5.75, -6.17
198103, -5.84, -6.10
198104, -5.99, -6.26
198105, -3.69, -3.94
198106, -2.31, -2.64
198107,-0.65,-1.04
198108,0.43,0.05
198109, -0.11, -0.47
198110,2.04,1.66
198111, 1.84, 1.51
198112,2.24,1.96
198201,3.02,2.62
198202,3.03,2.61
198203,2.49,2.23
198204,2.71,2.44
198205,2.86,2.61
198206,3.25,2.92
198207,3.64,3.25
198208,3.57,3.19
198209,3.33,2.97
198210,3.31,2.93
198211,3.87,3.54
198212,5.15,4.87
198301,5.10,4.70
198302,5.15,4.73
198303,5.73,5.47
198304,6.31,6.04
198305,6.50,6.25
198306,6.09,5.76
198307,4.71,4.32
198308, 2.87, 2.49
```

198309, 1.73, 1.37

198310,2.05,1.67 198311,4.25,3.92 198312,5.32,5.04 198401, 4.54, 4.14 198402,3.99,3.57 198403,4.12,3.86 198404,4.33,4.06 198405,4.16,3.91 198406,3.81,3.48 198407,3.71,3.32 198408, 2.97, 2.59 198409, 1.77, 1.41 198410,3.65,3.27 198411,4.24,3.91 198412,4.80,4.52 198501,4.19,3.79 198502,4.05,3.63 198503,3.05,2.79 198504,0.77,0.50 198505,-0.72,-0.97 198506, -1.29, -1.62 198507, -1.82, -2.21 198508, -0.82, -1.20 198509,0.98,0.62 198510, 1.82, 1.44 198511,3.22,2.89 198512,3.33,3.05 198601,2.76,2.36 198602,3.37,2.95 198603,0.70,0.44 198604,-0.43,-0.70 198605,-0.60,-0.85 198606, -0.71, -1.04 198607, -0.73, -1.12 198608,-0.24,-0.62 198609, 1.74, 1.38 198610,2.66,2.28 198611,3.38,3.05 198612,3.61,3.33 198701,3.80,3.40 198702,3.62,3.20 198703,3.28,3.02 198704,0.11,-0.16 198705, -0.46, -0.71 198706, -1.09, -1.42 198707,-1.39,-1.78 198708, -1.21, -1.59 198709, -1.49, -1.85 198710,-2.12,-2.50 198711, -2.03, -2.36 198712,-1.58,-1.86 198801,-1.79,-2.19 198802,-1.99,-2.41 198803, -2.38, -2.64 198804, -2.36, -2.63 198805, -3.01, -3.26 198806,-4.27,-4.60 198807, -4.78, -5.17 198808, -4.99, -5.37 198809, -3.92, -4.28

198810,-4.47,-4.85 198811,-3.23,-3.56

https://www.ncdc.noaa.gov/cag/national/time-series/110-pmdi-all-1-1979-2019.csv?base_prd=true&begbaseyear=1901&endbaseyear=2000

198812,-4.01,-4.29 198901, -4.25, -4.65 198902,-3.78,-4.20 198903, -2.72, -2.98 198904,-3.69,-3.96 198905, -2.65, -2.90 198906,-0.20,-0.53 198907,1.08,0.69 198908, 1.92, 1.54 198909, 2.07, 1.71 198910,1.39,1.01 198911,-0.02,-0.35 198912,-1.54,-1.82 199001, -1.69, -2.09 199002,0.01,-0.41 199003,-0.20,-0.46 199004,-0.41,-0.68 199005,1.25,1.00 199006, -0.37, -0.70 199007,0.08,-0.31 199008,0.19,-0.19 199009, -0.80, -1.16 199010,0.57,0.19 199011,-0.39,-0.72 199012,0.49,0.21 199101,0.78,0.38 199102,-0.59,-1.01 199103,0.74,0.48 199104,1.34,1.07 199105, 1.76, 1.51 199106,1.38,1.05 199107,1.40,1.01 199108, 1.10, 0.72 199109,1.02,0.66 199110,0.64,0.26 199111,1.17,0.84 199112, 1.40, 1.12 199201, 1.43, 1.03 199202,1.33,0.91 199203,0.20,-0.06 199204,-0.86,-1.13 199205,-1.45,-1.70 199206,0.26,-0.07 199207, 1.63, 1.24 199208,2.38,2.00 199209,2.08,1.72 199210,0.97,0.59 199211, 2.51, 2.18 199212,3.30,3.02 199301,4.34,3.94 199302,4.18,3.76 199303,4.04,3.78 199304,4.20,3.93 199305,3.65,3.40 199306, 4.21, 3.88 199307,4.80,4.41 199308,4.98,4.60 199309, 4.83, 4.47 199310, 4.59, 4.21 199311,4.43,4.10

199312,4.11,3.83 199401,4.05,3.65

199402,3.89,3.47 199403,2.42,2.16 199404,2.39,2.12 199405,1.02,0.77 199406,0.29,-0.04 199407,0.30,-0.09 199408,-0.13,-0.51 199409, -1.02, -1.38 199410,0.18,-0.20 199411, 1.07, 0.74 199412,1.18,0.90 199501,2.69,2.29 199502,1.25,0.83 199503, 1.67, 1.41 199504,2.36,2.09 199505,3.46,3.21 199506, 3.59, 3.26 199507,3.53,3.14 199508,3.21,2.83 199509,2.30,1.94 199510,2.81,2.43 199511,2.71,2.38 199512,2.57,2.29 199601,3.03,2.63 199602,2.38,1.96 199603,1.86,1.60 199604,1.89,1.62 199605,2.24,1.99 199606, 1.69, 1.36 199607,2.15,1.76 199608,2.11,1.73 199609,3.01,2.65 199610,3.15,2.77 199611,3.91,3.58 199612,5.07,4.79 199701,5.62,5.22 199702,5.38,4.96 199703,3.92,3.66 199704,4.84,4.57 199705,4.31,4.06 199706, 4.45, 4.12 199707,4.27,3.88 199708,4.10,3.72 199709,3.51,3.15 199710,3.66,3.28 199711,3.51,3.18 199712,3.38,3.10 199801,4.18,3.78 199802,4.83,4.41 199803,5.07,4.81 199804, 4.65, 4.38

199902,1.30,0.88 199903,0.00,-0.26

199805,2.97,2.72 199806,3.49,3.16 199807,3.01,2.62 199808,1.68,1.30 199809,0.47,0.11 199810,1.58,1.20 199811,1.64,1.31 199812,1.12,0.84 199901,2.30,1.90 199904,0.62,0.35 199905,0.56,0.31 199906, 1.31, 0.98 199907, 1.17, 0.78 199908, 0.15, -0.23 199909,0.21,-0.15 199910,-0.78,-1.16 199911,-2.07,-2.40 199912,-3.31,-3.59 200001, -4.31, -4.71 200002, -5.14, -5.56 200003, -5.16, -5.42 200004,-4.94,-5.21 200005, -5.02, -5.27 200006, -3.47, -3.80 200007,-3.94,-4.33 200008, -4.75, -5.13 200009,-4.70,-5.06 200010,-4.20,-4.58 200011,-2.81,-3.14 200012, -3.41, -3.69 200101, -3.67, -4.07 200102, -2.67, -3.09 200103,-2.22,-2.48 200104, -3.00, -3.27 200105, -3.12, -3.37 200106, -2.41, -2.74 200107,-2.45,-2.84 200108, -2.82, -3.20 200109,-2.69,-3.05 200110, -2.52, -2.90 200111, -2.74, -3.07 200112, -2.97, -3.25 200201, -3.34, -3.74 200202,-3.83,-4.25 200203,-2.88,-3.14 200204, -3.36, -3.63 200205, -3.12, -3.37 200206, -3.34, -3.67 200207,-3.56,-3.95 200208, -3.76, -4.14 200209, -3.41, -3.77 200210,-0.89,-1.27 200211,-0.99,-1.32 200212,0.34,0.06 200301,-0.16,-0.56 200302,1.22,0.80 200303,0.73,0.47 200304,0.84,0.57 200305,1.10,0.85 200306,1.62,1.29 200307,1.60,1.21 200308,0.78,0.40 200309,1.37,1.01 200310,-0.14,-0.52 200311,-0.08,-0.41 200312,-0.50,-0.78 200401,-0.74,-1.14 200402,0.50,0.08 200403,-1.28,-1.54 200404, -1.30, -1.57 200405,-0.50,-0.75 200406,0.87,0.54 200407,1.50,1.11 200408,2.33,1.95 200409, 2.63, 2.27 200410,3.17,2.79 200411,4.00,3.67 200412,4.50,4.22 200501,4.99,4.59 200502,4.26,3.84 200503,3.17,2.91 200504,2.66,2.39 200505,2.22,1.97 200506,2.29,1.96 200507,1.82,1.43 200508, 2.05, 1.67 200509,0.13,-0.23 200510,0.18,-0.20 200511,-0.62,-0.95 200512,-1.12,-1.40 200601,-1.19,-1.59 200602,-1.51,-1.93 200603,-1.68,-1.94 200604,-1.95,-2.22 200605,-2.57,-2.82 200606, -2.94, -3.27 200607, -3.65, -4.04 200608, -3.63, -4.01 200609, -2.36, -2.72 200610,-0.31,-0.69 200611,0.05,-0.28 200612,0.52,0.24 200701,1.03,0.63 200702,0.76,0.34 200703,-0.78,-1.04 200704,-0.47,-0.74 200705,-0.91,-1.16 200706,-0.89,-1.22 200707,-0.91,-1.30 200708, -1.37, -1.75 200709,-2.10,-2.46 200710,-1.22,-1.60 200711,-2.48,-2.81 200712,-2.34,-2.62 200801, -2.39, -2.79 200802,-0.98,-1.40 200803,-0.87,-1.13 200804,-0.33,-0.60 200805,0.28,0.03 200806,0.42,0.09 200807,0.72,0.33 200808,1.18,0.80 200809,1.25,0.89 200810,1.22,0.84 200811,-0.04,-0.37 200812,0.61,0.33 200901,-0.34,-0.74 200902,-0.81,-1.23 200903,-0.68,-0.94 200904,0.41,0.14 200905,0.58,0.33 200906,0.68,0.35

200907,1.18,0.79

- 200908,1.42,1.04 200909,1.11,0.75 200910,3.41,3.03 200911,2.98,2.65 200912,4.16,3.88 201001,4.65,4.25 201002,4.30,3.88 201003,2.86,2.60 201004,1.73,1.46 201005,2.38,2.13 201006, 2.92, 2.59 201007,3.48,3.09 201008,3.06,2.68 201009, 2.96, 2.60 201010, 1.92, 1.54 201011,1.30,0.97 201012,0.95,0.67 201101,-0.28,-0.68 201102,-0.20,-0.62 201103,0.21,-0.05 201104,1.61,1.34 201105,2.32,2.07 201106,1.13,0.80 201107,-0.18,-0.57 201108, -1.53, -1.91 201109, -1.58, -1.94 201110,-1.54,-1.92 201111,-1.57,-1.90 201112,-1.89,-2.17 201201,-2.31,-2.71 201202,-2.38,-2.80 201203, -2.72, -2.98 201204, -3.11, -3.38 201205, -3.57, -3.82 201206,-4.12,-4.45 201207, -4.79, -5.18 201208, -5.11, -5.49 201209,-4.99,-5.35 201210, -4.32, -4.70 201211, -5.23, -5.56 201212,-5.27,-5.55 201301,-5.31,-5.71 201302, -4.90, -5.32 201303, -5.18, -5.44 201304, -3.36, -3.63 201305,-2.14,-2.39 201306, -1.18, -1.51 201307,0.62,0.23 201308,0.96,0.58 201309, 1.57, 1.21 201310,1.83,1.45 201311,1.57,1.24 201312,1.43,1.15 201401,-0.29,-0.69 201402,0.52,0.10 201403,0.17,-0.09 201404,0.80,0.53 201405,0.10,-0.15 201406,1.33,1.00 201407,1.27,0.88 201408, 1.79, 1.41 201409,1.67,1.31
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201410,1.50,1.12 201411,1.43,1.10 201412,1.42,1.14 201501,0.79,0.39 201502,0.19,-0.23 201503,-1.06,-1.32 201504,-0.55,-0.82 201505,1.47,1.22 201506, 1.70, 1.37 201507,2.23,1.84 201508, 1.90, 1.52 201509,0.02,-0.34 201510,0.81,0.43 201511,2.09,1.76 201512,3.50,3.22 201601,3.60,3.20 201602,2.50,2.08 201603, 1.70, 1.44 201604,1.97,1.70 201605,2.02,1.77 201606,0.25,-0.08 201607,-0.28,-0.67 201608,0.94,0.56 201609,0.77,0.41 201610,0.40,0.02 201611,-1.18,-1.51 201612,-1.40,-1.68 201701,-0.26,-0.66 201702,-0.38,-0.80 201703,-1.23,-1.49 201704,0.67,0.40 201705,1.00,0.75 201706,0.90,0.57 201707,0.85,0.46 201708,1.69,1.31 201709,0.68,0.32 201710,1.22,0.84 201711,-0.72,-1.05 201712,-1.54,-1.82 201801,-2.30,-2.70 201802,-1.07,-1.49 201803,-1.23,-1.49 201804, -0.48, -0.75 201805, -1.58, -1.83 201806, -1.60, -1.93 201807,-1.80,-2.19 201808, -1.40, -1.78 201809,0.66,0.30 201810,1.92,1.54

201811,2.56,2.23 201812,3.68,3.40 201901,4.16,3.76