

## Contiguous U.S., Palmer Z-Index

Base Period: 1901-2000

Missing: -99

Date, Value, Anomaly

|        |       |       |
|--------|-------|-------|
| 197901 | 2.81  | 2.58  |
| 197902 | 2.06  | 2.00  |
| 197903 | 0.67  | 0.79  |
| 197904 | 2.08  | 1.94  |
| 197905 | 1.40  | 1.34  |
| 197906 | -0.62 | -0.78 |
| 197907 | 2.13  | 1.87  |
| 197908 | 2.34  | 2.16  |
| 197909 | 0.01  | -0.04 |
| 197910 | 0.06  | -0.08 |
| 197911 | 0.88  | 0.89  |
| 197912 | -0.62 | -0.64 |
| 198001 | 1.17  | 0.94  |
| 198002 | 0.06  | 0.00  |
| 198003 | 3.21  | 3.33  |
| 198004 | -0.37 | -0.51 |
| 198005 | 0.57  | 0.51  |
| 198006 | -1.61 | -1.77 |
| 198007 | -3.00 | -3.26 |
| 198008 | -1.37 | -1.55 |
| 198009 | 0.23  | 0.18  |
| 198010 | -0.39 | -0.53 |
| 198011 | -2.16 | -2.15 |
| 198012 | -3.79 | -3.81 |
| 198101 | -5.97 | -6.20 |
| 198102 | -4.39 | -4.45 |
| 198103 | -2.03 | -1.91 |
| 198104 | -2.27 | -2.41 |
| 198105 | 2.32  | 2.26  |
| 198106 | 1.26  | 1.10  |
| 198107 | 1.86  | 1.60  |
| 198108 | 1.29  | 1.11  |
| 198109 | -0.99 | -1.04 |
| 198110 | 3.21  | 3.07  |
| 198111 | -0.08 | -0.07 |
| 198112 | 1.29  | 1.27  |
| 198201 | 3.01  | 2.78  |
| 198202 | 0.97  | 0.91  |
| 198203 | -0.22 | -0.10 |
| 198204 | 1.01  | 0.87  |
| 198205 | 1.29  | 1.23  |
| 198206 | 2.06  | 1.90  |
| 198207 | 2.16  | 1.90  |
| 198208 | 0.92  | 0.74  |
| 198209 | 0.38  | 0.33  |
| 198210 | 0.96  | 0.82  |
| 198211 | 2.71  | 2.72  |
| 198212 | 5.06  | 5.04  |
| 198301 | 1.42  | 1.19  |
| 198302 | 1.73  | 1.67  |
| 198303 | 3.35  | 3.47  |
| 198304 | 3.50  | 3.36  |
| 198305 | 2.53  | 2.47  |
| 198306 | 0.78  | 0.62  |
| 198307 | -1.01 | -1.27 |
| 198308 | -1.81 | -1.99 |
| 198309 | -1.02 | -1.07 |

198310,0.96,0.82  
198311,4.04,4.05  
198312,4.53,4.51  
198401,-0.25,-0.48  
198402,-0.02,-0.08  
198403,1.05,1.17  
198404,1.92,1.78  
198405,0.81,0.75  
198406,0.23,0.07  
198407,0.90,0.64  
198408,-0.42,-0.60  
198409,-1.13,-1.18  
198410,4.25,4.11  
198411,2.91,2.92  
198412,2.99,2.97  
198501,-0.09,-0.32  
198502,0.63,0.57  
198503,-0.73,-0.61  
198504,-2.62,-2.76  
198505,-1.81,-1.87  
198506,-0.79,-0.95  
198507,-0.93,-1.19  
198508,0.91,0.73  
198509,2.13,2.08  
198510,2.83,2.69  
198511,4.74,4.75  
198512,1.33,1.31  
198601,-0.22,-0.45  
198602,2.28,2.22  
198603,-3.10,-2.98  
198604,-1.28,-1.42  
198605,-0.14,-0.20  
198606,-0.11,-0.27  
198607,-0.02,-0.28  
198608,0.79,0.61  
198609,3.65,3.60  
198610,2.11,1.97  
198611,2.99,3.00  
198612,1.73,1.71  
198701,1.69,1.46  
198702,0.64,0.58  
198703,0.12,0.24  
198704,-3.78,-3.92  
198705,-0.60,-0.66  
198706,-0.83,-0.99  
198707,-0.49,-0.75  
198708,0.14,-0.04  
198709,-1.03,-1.08  
198710,-2.33,-2.47  
198711,-0.39,-0.38  
198712,0.21,0.19  
198801,-0.65,-0.88  
198802,-1.17,-1.23  
198803,-1.77,-1.65  
198804,-0.68,-0.82  
198805,-2.66,-2.72  
198806,-4.72,-4.88  
198807,-2.86,-3.12  
198808,-2.11,-2.29  
198809,0.71,0.66  
198810,-2.00,-2.14  
198811,1.01,1.02

198812,-2.14,-2.16  
198901,-1.97,-2.20  
198902,-0.03,-0.09  
198903,0.84,0.96  
198904,-2.59,-2.73  
198905,0.83,0.77  
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198907,1.62,1.36  
198908,1.41,1.23  
198909,1.04,0.99  
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198911,-1.49,-1.48  
198912,-2.86,-2.88  
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199003,-0.39,-0.27  
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199008,0.26,0.08  
199009,-2.02,-2.07  
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199011,-0.80,-0.79  
199012,0.78,0.76  
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199102,-1.78,-1.84  
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199104,2.04,1.90  
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199107,0.31,0.05  
199108,-0.09,-0.27  
199109,0.15,0.10  
199110,-0.21,-0.35  
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199307,3.06,2.80  
199308,2.01,1.83  
199309,1.10,1.05  
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199311,0.96,0.97  
199312,0.39,0.37  
199401,1.11,0.88

199402,0.77,0.71  
199403,-1.40,-1.28  
199404,0.46,0.32  
199405,-1.44,-1.50  
199406,-0.73,-0.89  
199407,0.23,-0.03  
199408,-0.45,-0.63  
199409,-1.27,-1.32  
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199506,1.45,1.29  
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199509,-0.71,-0.76  
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199512,0.41,0.39  
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199603,-0.26,-0.14  
199604,0.43,0.29  
199605,0.94,0.88  
199606,-0.33,-0.49  
199607,1.35,1.09  
199608,0.54,0.36  
199609,3.34,3.29  
199610,1.35,1.21  
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199703,-1.21,-1.09  
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199707,0.82,0.56  
199708,0.84,0.66  
199709,-0.16,-0.21  
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199711,0.70,0.71  
199712,0.68,0.66  
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199802,3.25,3.19  
199803,2.20,2.32  
199804,0.32,0.18  
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199806,1.34,1.18  
199807,-0.06,-0.32  
199808,-1.34,-1.52  
199809,-1.33,-1.38  
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199811,0.50,0.51  
199812,-0.40,-0.42  
199901,2.18,1.95  
199902,-0.91,-0.97  
199903,-1.42,-1.30

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199907,0.12,-0.14  
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200012,-1.42,-1.44  
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200107,-0.52,-0.78  
200108,-1.59,-1.77  
200109,-0.49,-0.54  
200110,-0.32,-0.46  
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200112,-1.53,-1.55  
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200202,-2.50,-2.56  
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200207,-1.70,-1.96  
200208,-1.69,-1.87  
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200308,-0.69,-0.87  
200309,0.93,0.88  
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200407,2.16,1.90  
200408,2.96,2.78  
200409,1.62,1.57  
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200503,-0.82,-0.70  
200504,-0.12,-0.26  
200505,-0.08,-0.14  
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200507,-0.22,-0.48  
200508,0.81,0.63  
200509,-2.36,-2.41  
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200511,-1.06,-1.05  
200512,-0.90,-0.92  
200601,-0.57,-0.80  
200602,-1.31,-1.37  
200603,-1.00,-0.88  
200604,-1.31,-1.45  
200605,-2.47,-2.53  
200606,-1.90,-2.06  
200607,-3.03,-3.29  
200608,-1.07,-1.25  
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200612,0.54,0.52  
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200703,-2.56,-2.44  
200704,0.27,0.13  
200705,-1.19,-1.25  
200706,-0.35,-0.51  
200707,-0.41,-0.67  
200708,-1.14,-1.32  
200709,-1.54,-1.59  
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200711,-3.04,-3.03  
200712,-0.36,-0.38  
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200803,-0.14,-0.02  
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200806,0.12,-0.04  
200807,0.44,0.18  
200808,1.60,1.42  
200809,0.59,0.54  
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200811,-1.10,-1.09  
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201011,-0.44,-0.43  
201012,-0.14,-0.16  
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201107,-1.43,-1.69  
201108,-2.38,-2.56  
201109,-0.62,-0.67  
201110,-0.37,-0.51  
201111,-0.58,-0.57  
201112,-1.43,-1.45  
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201202,-0.93,-0.99  
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201204,-1.99,-2.13  
201205,-2.35,-2.41  
201206,-2.75,-2.91  
201207,-3.30,-3.56  
201208,-2.43,-2.61  
201209,-1.23,-1.28  
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201307,2.28,2.02  
201308,0.43,0.25  
201309,0.98,0.93  
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201312,0.01,-0.01  
201401,-1.69,-1.92  
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201404,0.99,0.85  
201405,-0.61,-0.67  
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201407,0.25,-0.01  
201408,1.93,1.75  
201409,0.20,0.15

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201412,0.37,0.35  
201501,-0.45,-0.68  
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201505,4.14,4.08  
201506,1.16,1.00  
201507,2.12,1.86  
201508,-0.05,-0.23  
201509,-2.07,-2.12  
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201511,2.54,2.55  
201512,4.88,4.86  
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201603,-0.62,-0.50  
201604,0.79,0.65  
201605,0.49,0.43  
201606,-2.09,-2.25  
201607,-0.58,-0.84  
201608,1.94,1.76  
201609,0.02,-0.03  
201610,-0.32,-0.46  
201611,-3.07,-3.06  
201612,-1.02,-1.04  
201701,1.03,0.80  
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201703,-1.20,-1.08  
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201705,1.21,1.15  
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201707,0.15,-0.11  
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201709,-0.92,-0.97  
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201711,-2.15,-2.14  
201712,-2.69,-2.71  
201801,-2.77,-3.00  
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201805,-1.73,-1.79  
201806,-0.33,-0.49  
201807,-0.99,-1.25  
201808,0.17,-0.01  
201809,2.25,2.20  
201810,3.60,3.46  
201811,2.51,2.52  
201812,4.15,4.13  
201901,2.60,2.37