

## HazardReport\_Riverside County\_v2\_Final

06065

Riverside County

Source: Esri, U.S. Climate Resilience Toolkit

### Hazard Report

# Extreme Heat

Riverside County, California



Total Population  
① 2,411,439



Non-Hispanic White Population (%)  
65%



Income Below Poverty in Last 12 Mo (%)  
14%



Building Codes Hazard Resistance  
① Partially Resistant



% Population Disadvantaged  
① 39.90%



[Explore additional data](#)



U.S. Climate Resilience Toolkit

Source: Census Bureau, CEQ, Esri, FEMA, MRLC, NOAA, UCSD

National Risk Index Rating  
Relatively High



according to the [FEMA National Risk Index](#)

Extreme Heat Annualized Frequency  
① 8.61

Expected Annual Loss Rating  
① Relatively Moderate

Expected Annual Loss Total (\$)  
① \$815,257.67



### Future Climate Indicators

Indicator	Modeled History (1976 - 2005)	Early Century (2015 - 2044)		Mid Century (2035 - 2064)		Late Century (2070 - 2099)	
		Min - Max					
<b>Temperature thresholds:</b>							
Annual days with maximum temperature > 90°F	123 days 123 - 129	142 days 135 - 154	144 days 132 - 159	150 days 139 - 167	157 days 146 - 172	158 days 144 - 175	180 days 163 - 201
Annual days with maximum temperature > 95°F	92 days 89 - 95	109 days 101 - 124	111 days 99 - 127	117 days 106 - 137	124 days 113 - 144	125 days 112 - 148	147 days 131 - 174
Annual days with maximum temperature > 100°F	59 days 57 - 62	76 days 67 - 92	78 days 67 - 93	84 days 73 - 106	91 days 79 - 114	92 days 79 - 106	115 days 99 - 147
Annual days with maximum temperature > 105°F	29 days 26 - 31	43 days 34 - 58	45 days 38 - 60	51 days 40 - 74	57 days 45 - 80	58 days 46 - 88	81 days 67 - 118
<b>Annual temperature:</b>							
Annual single highest maximum temperature °F	110 °F 109 - 110	113 °F 111 - 116	113 °F 111 - 115	114 °F 112 - 119	115 °F 113 - 118	115 °F 113 - 120	119 °F 116 - 125
Annual highest maximum temperature averaged over a 5-day period °F	106 °F 105 - 107	109 °F 108 - 113	110 °F 108 - 112	110 °F 109 - 115	111 °F 109 - 115	111 °F 110 - 117	115 °F 113 - 122
Cooling degree days (CDD)	2704 degree-days 2634 - 2773	3,191 degree-days 2,940 - 3,498	3,257 degree-days 3,054 - 3,596	3,456 degree-days 3,094 - 3,910	3,686 degree-days 3,306 - 4,216	3,718 degree-days 3,326 - 4,278	4,578 degree-days 4,016 - 5,459

N/A = Data Not Available for the selected area

## HazardReport\_Riverside County\_v2\_Final

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Riverside County

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### Hazard Report Drought

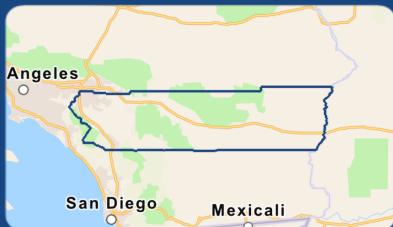
📍 Riverside County, California



Building Codes Hazard Resistance: Partially Resistant

% Population Disadvantaged: 39.90%

[Explore additional data](#)



U.S. Climate Resilience Toolkit

Source: Census Bureau, CEQ, Esri, FEMA, MRLC, NOAA, UCSD



#### Future Climate Indicators

Indicator	Modeled History (1976 - 2005)	Early Century (2015 - 2044)		Mid Century (2035 - 2064)		Late Century (2070 - 2099)	
		Lower Emissions Min - Max	Higher Emissions Min - Max	Lower Emissions Min - Max	Higher Emissions Min - Max	Lower Emissions Min - Max	Higher Emissions Min - Max
<strong>Precipitation:</strong>							
Average annual total precipitation	7" (7 - 8)	7" (6 - 9)	8" (6 - 9)	7" (6 - 10)	7" (5 - 9)	7" (5 - 9)	7" (5 - 11)
Days per year with precipitation (wet days)	39 days (38 - 42)	38 days (32 - 44)	38 days (32 - 45)	37 days (31 - 44)	36 days (28 - 45)	36 days (31 - 46)	34 days (22 - 52)
Days per year with no precipitation (dry days)	326 days (324 - 328)	327 days (321 - 333)	328 days (320 - 334)	329 days (322 - 334)	329 days (320 - 338)	329 days (320 - 334)	331 days (313 - 343)
Maximum number of consecutive dry days	93 days (88 - 107)	97 days (84 - 118)	98 days (88 - 113)	98 days (88 - 119)	101 days (85 - 127)	100 days (83 - 126)	108 days (81 - 164)
<strong>Temperature thresholds:</strong>							
Annual days with maximum temperature > 90 °F	123 days (123 - 129)	142 days (135 - 154)	144 days (132 - 159)	150 days (139 - 167)	157 days (146 - 172)	158 days (144 - 175)	180 days (163 - 201)
Annual days with maximum temperature > 100 °F	59 days (57 - 62)	76 days (67 - 92)	78 days (67 - 93)	84 days (73 - 106)	91 days (79 - 114)	92 days (79 - 106)	115 days (99 - 147)

N/A = Data Not Available for the selected area

## HazardReport\_Riverside County\_v2\_Final

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Riverside County

Source: Esri, U.S. Climate Resilience Toolkit

### Hazard Report Wildfire

Riverside County, California

Total Population  
① 2,411,439

Non-Hispanic White Population (%)  
65%

Income Below Poverty in Last 12 Mo (%)  
14%

Building Codes Hazard Resistance  
① Partially Resistant

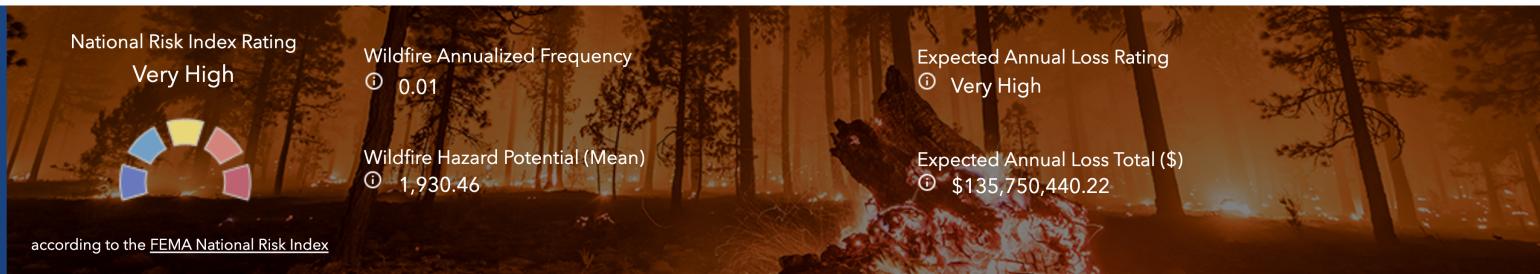
% Population Disadvantaged  
① 39.90%

Explore additional data



U.S. Climate Resilience Toolkit

Source: Census Bureau, CEQ, Esri, FEMA, MRLC, NOAA, UCSD



### Future Climate Indicators

Indicator	Modeled History (1976 - 2005)	Early Century (2015 - 2044)		Mid Century (2035 - 2064)		Late Century (2070 - 2099)	
		Min - Max	Min - Max	Min - Max	Min - Max	Min - Max	Min - Max
<strong>Precipitation:</strong>							
Days per year with no precipitation (dry days)	326 days 324 - 328	327 days 321 - 333	328 days 320 - 334	329 days 322 - 334	329 days 320 - 338	329 days 320 - 334	331 days 313 - 343
Maximum number of consecutive dry days	93 days 88 - 107	97 days 84 - 118	98 days 88 - 113	98 days 88 - 119	101 days 85 - 127	100 days 83 - 126	108 days 81 - 164
Days per year with precipitation (wet days)	39 days 38 - 42	38 days 32 - 44	38 days 32 - 45	37 days 31 - 44	36 days 28 - 45	36 days 31 - 46	34 days 22 - 52
<strong>Temperature thresholds:</strong>							
Annual days with maximum temperature > 90°F	123 days 123 - 129	142 days 135 - 154	144 days 132 - 159	150 days 139 - 167	157 days 146 - 172	158 days 144 - 175	180 days 163 - 201
Annual days with maximum temperature > 100°F	59 days 57 - 62	76 days 67 - 92	78 days 67 - 93	84 days 73 - 106	91 days 79 - 114	92 days 79 - 106	115 days 99 - 147

N/A = Data Not Available for the selected area

## HazardReport\_Riverside County\_v2\_Final

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Riverside County

Source: Esri, U.S. Climate Resilience Toolkit

### Hazard Report Flooding

Riverside County, California

Total Population  
① 2,411,439

Non-Hispanic White Population (%)  
65%

Income Below Poverty in Last 12 Mo (%)  
14%

Building Codes Hazard Resistance  
① Partially Resistant

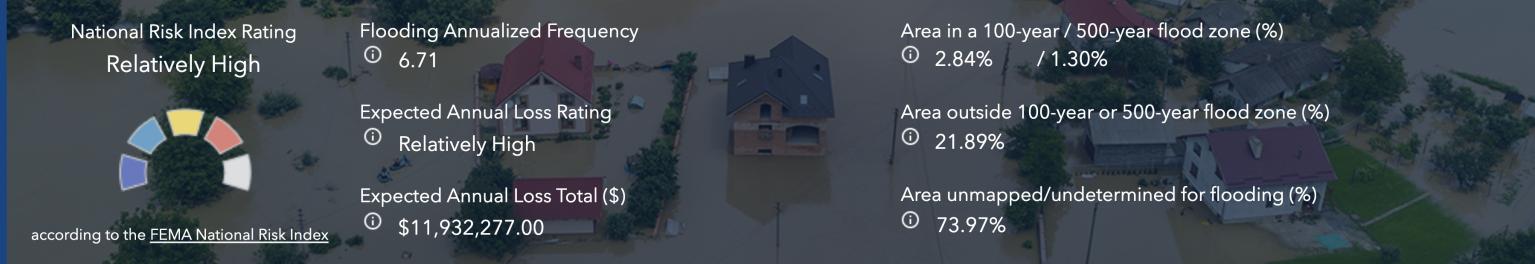
% Population Disadvantaged  
① 39.90%

Explore additional data



U.S. Climate Resilience Toolkit

Source: Census Bureau, CEQ, Esri, FEMA, MRLC, NOAA, UCSD



### Future Climate Indicators

Indicator	Modeled History (1976 - 2005)	Early Century (2015 - 2044)		Mid Century (2035 - 2064)		Late Century (2070 - 2099)	
		Lower Emissions Min - Max	Higher Emissions Min - Max	Lower Emissions Min - Max	Higher Emissions Min - Max	Lower Emissions Min - Max	Higher Emissions Min - Max
<b>Precipitation:</b>							
Annual average total precipitation	7" 7 - 8	7" 6 - 9	8" 6 - 9	7" 6 - 10	7" 5 - 9	7" 5 - 9	7" 5 - 11
Days per year with precipitation (wet days)	39 days 38 - 42	38 days 32 - 44	38 days 32 - 45	37 days 31 - 44	36 days 28 - 45	36 days 31 - 46	34 days 22 - 52
Maximum period of consecutive wet days	5 days 5 - 6	5 days 5 - 6	5 days 4 - 6	5 days 4 - 7	5 days 4 - 7	5 days 4 - 6	5 days 3 - 7
<b>Annual days with:</b>							
Annual days with total precipitation > 1inch	1 days 1 - 1	1 days 1 - 1	1 days 1 - 2	1 days 1 - 2	1 days 1 - 2	1 days 1 - 2	1 days 1 - 2
Annual days with total precipitation > 2 inches	0 days 0 - 0	0 days 0 - 0	0 days 0 - 0	0 days 0 - 0	0 days 0 - 0	0 days 0 - 0	0 days 0 - 1
Annual days with total precipitation > 3 inches	0 days 0 - 0	0 days 0 - 0	0 days 0 - 0	0 days 0 - 0	0 days 0 - 0	0 days 0 - 0	0 days 0 - 0
Annual days that exceed 99th percentile precipitation	3 days 1 - 8	3 days 1 - 9	3 days 1 - 10	3 days 1 - 9	3 days 1 - 10	3 days 1 - 10	3 days 1 - 11
Days with maximum temperature below 32 °F	0 days 0 - 0	0 days 0 - 0	0 days 0 - 0	0 days 0 - 0	0 days 0 - 0	0 days 0 - 0	0 days 0 - 0

N/A = Data Not Available for the selected area

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### Hazard Report

# Coastal Inundation

 Riverside County, California



Total Population  
 2,411,439



Non-Hispanic White Population (%)  
65%



Income Below Poverty in Last 12 Mo (%)  
14%



Building Codes Hazard Resistance  
 Partially Resistant



% Population Disadvantaged  
 39.90%



[Explore additional data](#)



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Source: Census Bureau, CEQ, Esri, FEMA, MRLC, NOAA, UCSD

National Risk Index Rating  
Not Applicable

Coastal Inundation Annualized Frequency  
 N/A

Expected Annual Loss Rating  
 Not Applicable

Expected Annual Loss Total (\$)  
 N/A

according to the [FEMA National Risk Index](#)



### Future Climate Indicators

Indicator	Modeled History (1976 - 2005)	Early Century (2015 - 2044)		Mid Century (2035 - 2064)		Late Century (2070 - 2099)	
		Min - Max	Min - Max	Min - Max	Min - Max	Min - Max	Min - Max
<strong>Sea level rise:</strong>							
	Percent of selected county impacted by global sea level rise	N/A	0%	0%	0%	0%	0%

N/A = Data Not Available for the selected area