

## HOTTEST WORLD CUP SCHEDULE: COUNTRIES

*If past weather patterns prevail, Germany will have worst playing conditions at World Cup; U.S. to have fifth worst*

Rank	Team	Discomfort score	Avg. temp at kickoff, °F	Avg. temp at kickoff, °C	Avg. dew point at kickoff, °F	Avg. dew point at kickoff, °C	Avg. adjusted angle of sun at kickoff, degrees	Avg. adjusted cloud cover at kickoff, %	Location of first three games
1	Germany	94.0	82.6	28.1	71.8	22.1	33.4	71.0	Salvador, Fortaleza, Recife
2	Italy	92.7	82.5	28.1	72.8	22.7	34.8	79.7	Manaus, Recife, Natal
3	Portugal	79.1	80.3	26.8	65.3	18.5	33.0	64.0	Salvador, Manaus, Brasilia
4	Costa Rica	79.0	80.4	26.9	66.2	19.0	32.0	68.0	Fortaleza, Recife, Belo Horizonte
5	United States	78.3	80.7	27.1	72.9	22.7	17.1	86.7	Natal, Manaus, Recife
6	Mexico	78.0	82.3	27.9	72.0	22.2	17.7	93.0	Natal, Fortaleza, Recife
7	Switzerland	67.0	80.7	27.1	65.7	18.7	16.6	81.0	Brasilia, Salvador, Manaus
8	Ghana	62.5	79.1	26.2	65.0	18.3	16.7	79.7	Natal, Fortaleza, Brasilia
9	Cameroon	62.2	80.8	27.1	65.4	18.6	17.7	93.0	Natal, Manaus, Brasilia
10	Ivory Coast	61.6	78.8	26.0	65.2	18.4	16.6	80.3	Recife, Brasilia, Fortaleza
11	Greece	60.1	77.8	25.5	66.4	19.1	15.0	82.3	Belo Horizonte, Natal, Fortaleza
12	Bosnia and Herzegovina	58.8	78.1	25.6	65.4	18.6	16.4	84.0	Rio de Janeiro, Cuiabá, Salvador
13	Colombia	58.5	79.5	26.4	55.1	12.9	31.6	62.7	Belo Horizonte, Brasilia, Cuiabá
14	Uruguay	58.2	78.9	26.1	65.7	18.7	17.7	93.0	Fortaleza, São Paulo, Natal
15	Japan	55.5	80.5	27.0	67.7	19.9	0.0	100.0	Recife, Natal, Cuiabá
16	Iran	51.2	73.9	23.3	59.2	15.1	31.3	65.7	Curitiba, Belo Horizonte, Salvador
17	Belgium	45.3	73.8	23.2	57.0	13.9	29.0	67.0	Belo Horizonte, Rio de Janeiro, São Paulo
18	Croatia	43.8	76.6	24.8	66.5	19.2	0.0	100.0	São Paulo, Manaus, Recife
19	England	43.5	75.3	24.1	60.4	15.8	15.0	81.3	Manaus, São Paulo, Belo Horizonte
20	Spain	39.7	74.4	23.5	62.4	16.9	13.6	92.7	Salvador, Rio de Janeiro, Curitiba

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21	Chile	39.5	75.8	24.4	59.3	15.2	14.1	88.3	Cuiabá, Rio de Janeiro, São Paulo
22	Netherlands	37.5	71.3	21.8	59.9	15.5	26.3	82.0	Salvador, Porto Alegre, São Paulo
23	Russia	37.1	74.6	23.7	58.9	15.0	14.0	85.0	Cuiabá, Rio de Janeiro, Curitiba
24	Argentina	34.1	70.2	21.2	57.7	14.3	27.3	75.0	Rio de Janeiro, Belo Horizonte, Porto Alegre
25	France	30.7	73.7	23.2	63.1	17.3	0.0	100.0	Porto Alegre, Salvador, Rio de Janeiro
26	Brazil	28.0	76.1	24.5	58.6	14.8	0.0	100.0	São Paulo, Fortaleza, Brasília
27	Australia	26.8	70.4	21.3	56.3	13.5	25.9	86.3	Cuiabá, Porto Alegre, Curitiba
28	Ecuador	24.1	70.1	21.1	56.3	13.5	16.6	81.0	Brasília, Curitiba, Rio de Janeiro
29	Nigeria	17.9	70.5	21.4	56.1	13.4	12.3	93.3	Curitiba, Cuiabá, Porto Alegre
30	Honduras	16.8	70.0	21.1	60.4	15.8	0.0	100.0	Porto Alegre, Curitiba, Manaus
31	Algeria	13.7	68.0	20.0	54.0	12.2	15.0	82.0	Belo Horizonte, Porto Alegre, Curitiba
32	South Korea	13.6	71.7	22.1	56.5	13.6	0.0	100.0	Cuiabá, Porto Alegre, São Paulo

SOURCES: Fédération Internationale de Football Association (FIFA), WeatherSpark

AS OF: May 22, 2014

**METHODOLOGY:** Bloomberg ranked World Cup teams based on the likely weather conditions for the three games of the opening-group stage of the tournament. Using historical data from each city's weather station, the average temperature, dew point, elevation of the sun and percentage of sky covered by clouds were calculated for the time and date of kickoff for the three games. Higher temperatures, humidity and sun elevation and less cloud cover were assumed to make for a less-comfortable playing environment. The variables were weighted: temperature (35%), dew point (35%), sun angle (15%) and cloud cover (15%). The country with the maximum amount in a variable was given the number of points equivalent to its weighting (for example, the country with the highest temperature received 35 points), while the country with the minimum value was given zero. The reverse applied for the cloud-cover variable. All other countries were assigned points on a percentile basis based on where their values fell between these two extremes. Points were summed to create the Discomfort Score, a higher score indicating greater discomfort. Games for which the sun's elevation was below 30 degrees were assumed to be sun free; these values were recalibrated to zero. The same was done for cloud cover, with late-afternoon and night games assigned the equivalent of complete cloud cover. The type or thickness of cloud cover was not considered. Dew point measures humidity. WeatherSpark considers a dew point above 65.2°F (18.4°C) to be "muggy" and a dew point above 76.1°F (24.5°C) to be "oppressive."