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12-month Standardized Precipitation Evapotranspiration Index (SPEI) (RCP 4.5) (RCP 4.5, 50th percentile)

12-month Standardized Precipitation Evapotranspiration Index (SPEI) (RCP 4.5) (RCP 4.5, 5th percentile)

12-month Standardized Precipitation Evapotranspiration Index (SPEI) (RCP 4.5) (RCP 4.5, 95th percentile)

Snow Depth (RCP 8.5) (RCP 8.5, 50th percentile)

Snow Depth (RCP 8.5) (RCP 8.5, 5th percentile)

Snow Depth (RCP 8.5) (RCP 8.5, 95th percentile)

Heat Index Danger Days (RCP 8.5) (RCP 8.5, 50th percentile)

Heat Index Danger Days (RCP 8.5) (RCP 8.5, 5th percentile)

Heat Index Danger Days (RCP 8.5) (RCP 8.5, 95th percentile)

Heat Index Danger Days (RCP 4.5) (RCP 4.5, 50th percentile)

Heat Index Danger Days (RCP 4.5) (RCP 4.5, 5th percentile)

Heat Index Danger Days (RCP 4.5) (RCP 4.5, 95th percentile)

Heat Index Extreme Danger Days (RCP 8.5) (RCP 8.5, 50th percentile)

Heat Index Extreme Danger Days (RCP 8.5) (RCP 8.5, 5th percentile)

Heat Index Extreme Danger Days (RCP 8.5) (RCP 8.5, 95th percentile)

Heat Index Extreme Danger Days (RCP 4.5) (RCP 4.5, 50th percentile)

Heat Index Extreme Danger Days (RCP 4.5) (RCP 4.5, 5th percentile)

Heat Index Extreme Danger Days (RCP 4.5) (RCP 4.5, 95th percentile)

Days for TX90p when TX > 90th percentile (RCP 8.5) (RCP 8.5, 50th percentile)

Days for TX90p when TX > 90th percentile (RCP 8.5) (RCP 8.5, 5th percentile)

Days for TX90p when TX > 90th percentile (RCP 8.5) (RCP 8.5, 95th percentile)

Days for TX90p when TX > 90th percentile (RCP 4.5) (RCP 4.5, 50th percentile)

Days for TX90p when TX > 90th percentile (RCP 4.5) (RCP 4.5, 5th percentile)

Days for TX90p when TX > 90th percentile (RCP 4.5) (RCP 4.5, 95th percentile)



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Days for TN90p when TN > 90th percentile (RCP 8.5) (RCP 8.5, 50th percentile)
Days for TN90p when TN > 90th percentile (RCP 8.5) (RCP 8.5, 5th percentile)
Days for TN90p when TN > 90th percentile (RCP 8.5) (RCP 8.5, 95th percentile)

Days for TN90p when TN > 90th percentile (RCP 4.5) (RCP 4.5, 50th percentile)
Days for TN90p when TN > 90th percentile (RCP 4.5) (RCP 4.5, 5th percentile)
Days for TN90p when TN > 90th percentile (RCP 4.5) (RCP 4.5, 95th percentile)

Warm Spell Duration Index (RCP 8.5) (RCP 8.5, 50th percentile)
Warm Spell Duration Index (RCP 8.5) (RCP 8.5, 5th percentile)
Warm Spell Duration Index (RCP 8.5) (RCP 8.5, 95th percentile)

Warm Spell Duration Index (RCP 4.5) (RCP 4.5, 50th percentile)
Warm Spell Duration Index (RCP 4.5) (RCP 4.5, 5th percentile)
Warm Spell Duration Index (RCP 4.5) (RCP 4.5, 95th percentile)

Days for TX10p when TX < 10th percentile (RCP 8.5) (RCP 8.5, 50th percentile)
Days for TX10p when TX < 10th percentile (RCP 8.5) (RCP 8.5, 5th percentile)
Days for TX10p when TX < 10th percentile (RCP 8.5) (RCP 8.5, 95th percentile)

Days for TX10p when TX < 10th percentile (RCP 4.5) (RCP 4.5, 50th percentile)
Days for TX10p when TX < 10th percentile (RCP 4.5) (RCP 4.5, 5th percentile)
Days for TX10p when TX < 10th percentile (RCP 4.5) (RCP 4.5, 95th percentile)

Days for TN10p when TN < 10th percentile (RCP 8.5) (RCP 8.5, 50th percentile)
Days for TN10p when TN < 10th percentile (RCP 8.5) (RCP 8.5, 5th percentile)
Days for TN10p when TN < 10th percentile (RCP 8.5) (RCP 8.5, 95th percentile)

Days for TN10p when TN < 10th percentile (RCP 4.5) (RCP 4.5, 50th percentile)
Days for TN10p when TN < 10th percentile (RCP 4.5) (RCP 4.5, 5th percentile)
Days for TN10p when TN < 10th percentile (RCP 4.5) (RCP 4.5, 95th percentile)

Cold Spell Duration Index (RCP 8.5) (RCP 8.5, 50th percentile)
Cold Spell Duration Index (RCP 8.5) (RCP 8.5, 5th percentile)
Cold Spell Duration Index (RCP 8.5) (RCP 8.5, 95th percentile)



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Cold Spell Duration Index (RCP 4.5) (RCP 4.5, 50th percentile)

Cold Spell Duration Index (RCP 4.5) (RCP 4.5, 5th percentile)

Cold Spell Duration Index (RCP 4.5) (RCP 4.5, 95th percentile)

Heat Index Extreme Caution Days (RCP 8.5) (RCP 8.5, 50th percentile)

Heat Index Extreme Caution Days (RCP 8.5) (RCP 8.5, 5th percentile)

Heat Index Extreme Caution Days (RCP 8.5) (RCP 8.5, 95th percentile)

Heat Index Extreme Caution Days (RCP 4.5) (RCP 4.5, 50th percentile)

Heat Index Extreme Caution Days (RCP 4.5) (RCP 4.5, 5th percentile)

Heat Index Extreme Caution Days (RCP 4.5) (RCP 4.5, 95th percentile)

Heat Index Caution Days (RCP 8.5) (RCP 8.5, 50th percentile)

Heat Index Caution Days (RCP 8.5) (RCP 8.5, 5th percentile)

Heat Index Caution Days (RCP 8.5) (RCP 8.5, 95th percentile)

Heat Index Caution Days (RCP 4.5) (RCP 4.5, 50th percentile)

Heat Index Caution Days (RCP 4.5) (RCP 4.5, 5th percentile)

Heat Index Caution Days (RCP 4.5) (RCP 4.5, 95th percentile)

Riverine Flood (RCP 8.5) (RCP 8.5, 50th percentile)

Riverine Flood (RCP 8.5) (RCP 8.5, 5th percentile)

Riverine Flood (RCP 8.5) (RCP 8.5, 95th percentile)

Riverine Flood (RCP 4.5) (RCP 4.5, 50th percentile)

Riverine Flood (RCP 4.5) (RCP 4.5, 5th percentile)

Riverine Flood (RCP 4.5) (RCP 4.5, 95th percentile)

Temperature Humidity Index for Cattle (RCP 8.5) (RCP 8.5, 50th percentile)

Temperature Humidity Index for Cattle (RCP 8.5) (RCP 8.5, 5th percentile)

Temperature Humidity Index for Cattle (RCP 8.5) (RCP 8.5, 95th percentile)

Temperature Humidity Index for Cattle (RCP 4.5) (RCP 4.5, 50th percentile)

Temperature Humidity Index for Cattle (RCP 4.5) (RCP 4.5, 5th percentile)

Temperature Humidity Index for Cattle (RCP 4.5) (RCP 4.5, 95th percentile)



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Keetch Byram Drought Index (RCP 8.5) (RCP 8.5, 50th percentile)

Keetch Byram Drought Index (RCP 8.5) (RCP 8.5, 5th percentile)

Keetch Byram Drought Index (RCP 8.5) (RCP 8.5, 95th percentile)

Keetch Byram Drought Index (RCP 4.5) (RCP 4.5, 50th percentile)

Keetch Byram Drought Index (RCP 4.5) (RCP 4.5, 5th percentile)

Keetch Byram Drought Index (RCP 4.5) (RCP 4.5, 95th percentile)

Forest Fire Danger Index (RCP 8.5) (RCP 8.5, 50th percentile)

Forest Fire Danger Index (RCP 8.5) (RCP 8.5, 5th percentile)

Forest Fire Danger Index (RCP 8.5) (RCP 8.5, 95th percentile)

Forest Fire Danger Index (RCP 4.5) (RCP 4.5, 50th percentile)

Forest Fire Danger Index (RCP 4.5) (RCP 4.5, 5th percentile)

Forest Fire Danger Index (RCP 4.5) (RCP 4.5, 95th percentile)

Normal Effective Temperature (RCP 8.5) (RCP 8.5, 50th percentile)

Normal Effective Temperature (RCP 8.5) (RCP 8.5, 5th percentile)

Normal Effective Temperature (RCP 8.5) (RCP 8.5, 95th percentile)

Normal Effective Temperature (RCP 4.5) (RCP 4.5, 50th percentile)

Normal Effective Temperature (RCP 4.5) (RCP 4.5, 5th percentile)

Normal Effective Temperature (RCP 4.5) (RCP 4.5, 95th percentile)

Wind Chill Temperature (RCP 8.5) (RCP 8.5, 50th percentile)

Wind Chill Temperature (RCP 8.5) (RCP 8.5, 5th percentile)

Wind Chill Temperature (RCP 8.5) (RCP 8.5, 95th percentile)

Wind Chill Temperature (RCP 4.5) (RCP 4.5, 50th percentile)

Wind Chill Temperature (RCP 4.5) (RCP 4.5, 5th percentile)

Wind Chill Temperature (RCP 4.5) (RCP 4.5, 95th percentile)

Temperature Humidity Index for Physiology (RCP 8.5) (RCP 8.5, 50th percentile)

Temperature Humidity Index for Physiology (RCP 8.5) (RCP 8.5, 5th percentile)

Temperature Humidity Index for Physiology (RCP 8.5) (RCP 8.5, 95th percentile)



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Temperature Humidity Index for Physiology (RCP 4.5) (RCP 4.5, 50th percentile)

Temperature Humidity Index for Physiology (RCP 4.5) (RCP 4.5, 5th percentile)

Temperature Humidity Index for Physiology (RCP 4.5) (RCP 4.5, 95th percentile)

Temperature Humidity Index for Comfort (RCP 8.5) (RCP 8.5, 50th percentile)

Temperature Humidity Index for Comfort (RCP 8.5) (RCP 8.5, 5th percentile)

Temperature Humidity Index for Comfort (RCP 8.5) (RCP 8.5, 95th percentile)

Temperature Humidity Index for Comfort (RCP 4.5) (RCP 4.5, 50th percentile)

Temperature Humidity Index for Comfort (RCP 4.5) (RCP 4.5, 5th percentile)

Temperature Humidity Index for Comfort (RCP 4.5) (RCP 4.5, 95th percentile)

Humidex (RCP 8.5) (RCP 8.5, 50th percentile)

Humidex (RCP 8.5) (RCP 8.5, 5th percentile)

Humidex (RCP 8.5) (RCP 8.5, 95th percentile)

Humidex (RCP 4.5) (RCP 4.5, 50th percentile)

Humidex (RCP 4.5) (RCP 4.5, 5th percentile)

Humidex (RCP 4.5) (RCP 4.5, 95th percentile)

Apparent Temperature (RCP 8.5) (RCP 8.5, 50th percentile)

Apparent Temperature (RCP 8.5) (RCP 8.5, 5th percentile)

Apparent Temperature (RCP 8.5) (RCP 8.5, 95th percentile)

Apparent Temperature (RCP 4.5) (RCP 4.5, 50th percentile)

Apparent Temperature (RCP 4.5) (RCP 4.5, 5th percentile)

Apparent Temperature (RCP 4.5) (RCP 4.5, 95th percentile)

Modified Discomfort Index (RCP 8.5) (RCP 8.5, 50th percentile)

Modified Discomfort Index (RCP 8.5) (RCP 8.5, 5th percentile)

Modified Discomfort Index (RCP 8.5) (RCP 8.5, 95th percentile)

Modified Discomfort Index (RCP 4.5) (RCP 4.5, 50th percentile)

Modified Discomfort Index (RCP 4.5) (RCP 4.5, 5th percentile)

Modified Discomfort Index (RCP 4.5) (RCP 4.5, 95th percentile)



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Marine Heat Wave Days (RCP 8.5) (RCP 8.5, 50th percentile)

Marine Heat Wave Days (RCP 8.5) (RCP 8.5, 5th percentile)

Marine Heat Wave Days (RCP 8.5) (RCP 8.5, 95th percentile)

Marine Heat Wave Days (RCP 4.5) (RCP 4.5, 50th percentile)

Marine Heat Wave Days (RCP 4.5) (RCP 4.5, 5th percentile)

Marine Heat Wave Days (RCP 4.5) (RCP 4.5, 95th percentile)

Marine Heat Wave Frequency (RCP 8.5) (RCP 8.5, 50th percentile)

Marine Heat Wave Frequency (RCP 8.5) (RCP 8.5, 5th percentile)

Marine Heat Wave Frequency (RCP 8.5) (RCP 8.5, 95th percentile)

Marine Heat Wave Frequency (RCP 4.5) (RCP 4.5, 50th percentile)

Marine Heat Wave Frequency (RCP 4.5) (RCP 4.5, 5th percentile)

Marine Heat Wave Frequency (RCP 4.5) (RCP 4.5, 95th percentile)

Dissolved Iron Concentration at Surface (RCP 8.5) (RCP 8.5, 50th percentile)

Dissolved Iron Concentration at Surface (RCP 8.5) (RCP 8.5, 5th percentile)

Dissolved Iron Concentration at Surface (RCP 8.5) (RCP 8.5, 95th percentile)

Dissolved Iron Concentration at Surface (RCP 6.0) (RCP 6.0, 50th percentile)

Dissolved Iron Concentration at Surface (RCP 6.0) (RCP 6.0, 5th percentile)

Dissolved Iron Concentration at Surface (RCP 6.0) (RCP 6.0, 95th percentile)

Dissolved Iron Concentration at Surface (RCP 4.5) (RCP 4.5, 50th percentile)

Dissolved Iron Concentration at Surface (RCP 4.5) (RCP 4.5, 5th percentile)

Dissolved Iron Concentration at Surface (RCP 4.5) (RCP 4.5, 95th percentile)

Dissolved Iron Concentration at Surface (RCP 2.6) (RCP 2.6, 50th percentile)

Dissolved Iron Concentration at Surface (RCP 2.6) (RCP 2.6, 5th percentile)

Dissolved Iron Concentration at Surface (RCP 2.6) (RCP 2.6, 95th percentile)



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Total Alkalinity at Surface (RCP 8.5) (RCP 8.5, 50th percentile)

Total Alkalinity at Surface (RCP 8.5) (RCP 8.5, 5th percentile)

Total Alkalinity at Surface (RCP 8.5) (RCP 8.5, 95th percentile)

Total Alkalinity at Surface (RCP 6.0) (RCP 6.0, 50th percentile)

Total Alkalinity at Surface (RCP 6.0) (RCP 6.0, 5th percentile)

Total Alkalinity at Surface (RCP 6.0) (RCP 6.0, 95th percentile)

Total Alkalinity at Surface (RCP 4.5) (RCP 4.5, 50th percentile)

Total Alkalinity at Surface (RCP 4.5) (RCP 4.5, 5th percentile)

Total Alkalinity at Surface (RCP 4.5) (RCP 4.5, 95th percentile)

Total Alkalinity at Surface (RCP 2.6) (RCP 2.6, 50th percentile)

Total Alkalinity at Surface (RCP 2.6) (RCP 2.6, 5th percentile)

Total Alkalinity at Surface (RCP 2.6) (RCP 2.6, 95th percentile)

Net primary productivity of carbon by phytoplankton (RCP 8.5) (RCP 8.5, 50th percentile)

Net primary productivity of carbon by phytoplankton (RCP 8.5) (RCP 8.5, 5th percentile)

Net primary productivity of carbon by phytoplankton (RCP 8.5) (RCP 8.5, 95th percentile)

Net primary productivity of carbon by phytoplankton (RCP 6.0) (RCP 6.0, 50th percentile)

Net primary productivity of carbon by phytoplankton (RCP 6.0) (RCP 6.0, 5th percentile)

Net primary productivity of carbon by phytoplankton (RCP 6.0) (RCP 6.0, 95th percentile)

Net primary productivity of carbon by phytoplankton (RCP 4.5) (RCP 4.5, 50th percentile)

Net primary productivity of carbon by phytoplankton (RCP 4.5) (RCP 4.5, 5th percentile)

Net primary productivity of carbon by phytoplankton (RCP 4.5) (RCP 4.5, 95th percentile)

Net primary productivity of carbon by phytoplankton (RCP 2.6) (RCP 2.6, 50th percentile)

Net primary productivity of carbon by phytoplankton (RCP 2.6) (RCP 2.6, 5th percentile)

Net primary productivity of carbon by phytoplankton (RCP 2.6) (RCP 2.6, 95th percentile)

Dissolved Silicate Concentration at Surface (RCP 8.5) (RCP 8.5, 50th percentile)

Dissolved Silicate Concentration at Surface (RCP 8.5) (RCP 8.5, 5th percentile)

Dissolved Silicate Concentration at Surface (RCP 8.5) (RCP 8.5, 95th percentile)



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Dissolved Silicate Concentration at Surface (RCP 6.0) (RCP 6.0, 50th percentile)

Dissolved Silicate Concentration at Surface (RCP 6.0) (RCP 6.0, 5th percentile)

Dissolved Silicate Concentration at Surface (RCP 6.0) (RCP 6.0, 95th percentile)

Dissolved Silicate Concentration at Surface (RCP 4.5) (RCP 4.5, 50th percentile)

Dissolved Silicate Concentration at Surface (RCP 4.5) (RCP 4.5, 5th percentile)

Dissolved Silicate Concentration at Surface (RCP 4.5) (RCP 4.5, 95th percentile)

Dissolved Silicate Concentration at Surface (RCP 2.6) (RCP 2.6, 50th percentile)

Dissolved Silicate Concentration at Surface (RCP 2.6) (RCP 2.6, 5th percentile)

Dissolved Silicate Concentration at Surface (RCP 2.6) (RCP 2.6, 95th percentile)

Dissolved Phosphate Concentration at Surface (RCP 8.5) (RCP 8.5, 50th percentile)

Dissolved Phosphate Concentration at Surface (RCP 8.5) (RCP 8.5, 5th percentile)

Dissolved Phosphate Concentration at Surface (RCP 8.5) (RCP 8.5, 95th percentile)

Dissolved Phosphate Concentration at Surface (RCP 6.0) (RCP 6.0, 50th percentile)

Dissolved Phosphate Concentration at Surface (RCP 6.0) (RCP 6.0, 5th percentile)

Dissolved Phosphate Concentration at Surface (RCP 6.0) (RCP 6.0, 95th percentile)

Dissolved Phosphate Concentration at Surface (RCP 4.5) (RCP 4.5, 50th percentile)

Dissolved Phosphate Concentration at Surface (RCP 4.5) (RCP 4.5, 5th percentile)

Dissolved Phosphate Concentration at Surface (RCP 4.5) (RCP 4.5, 95th percentile)

Dissolved Phosphate Concentration at Surface (RCP 2.6) (RCP 2.6, 50th percentile)

Dissolved Phosphate Concentration at Surface (RCP 2.6) (RCP 2.6, 5th percentile)

Dissolved Phosphate Concentration at Surface (RCP 2.6) (RCP 2.6, 95th percentile)

pH at Surface (RCP 8.5) (RCP 8.5, 50th percentile)

pH at Surface (RCP 8.5) (RCP 8.5, 5th percentile)

pH at Surface (RCP 8.5) (RCP 8.5, 95th percentile)

pH at Surface (RCP 6.0) (RCP 6.0, 50th percentile)

pH at Surface (RCP 6.0) (RCP 6.0, 5th percentile)

pH at Surface (RCP 6.0) (RCP 6.0, 95th percentile)



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pH at Surface (RCP 4.5) (RCP 4.5, 50th percentile)
pH at Surface (RCP 4.5) (RCP 4.5, 5th percentile)
pH at Surface (RCP 4.5) (RCP 4.5, 95th percentile)

pH at Surface (RCP 2.6) (RCP 2.6, 50th percentile)
pH at Surface (RCP 2.6) (RCP 2.6, 5th percentile)
pH at Surface (RCP 2.6) (RCP 2.6, 95th percentile)

Dissolved Oxygen Concentration at Surface (RCP 8.5) (RCP 8.5, 50th percentile)
Dissolved Oxygen Concentration at Surface (RCP 8.5) (RCP 8.5, 5th percentile)
Dissolved Oxygen Concentration at Surface (RCP 8.5) (RCP 8.5, 95th percentile)

Dissolved Oxygen Concentration at Surface (RCP 6.0) (RCP 6.0, 50th percentile)
Dissolved Oxygen Concentration at Surface (RCP 6.0) (RCP 6.0, 5th percentile)
Dissolved Oxygen Concentration at Surface (RCP 6.0) (RCP 6.0, 95th percentile)

Dissolved Oxygen Concentration at Surface (RCP 4.5) (RCP 4.5, 50th percentile)
Dissolved Oxygen Concentration at Surface (RCP 4.5) (RCP 4.5, 5th percentile)
Dissolved Oxygen Concentration at Surface (RCP 4.5) (RCP 4.5, 95th percentile)

Dissolved Oxygen Concentration at Surface (RCP 2.6) (RCP 2.6, 50th percentile)
Dissolved Oxygen Concentration at Surface (RCP 2.6) (RCP 2.6, 5th percentile)
Dissolved Oxygen Concentration at Surface (RCP 2.6) (RCP 2.6, 95th percentile)

Dissolved Nitrate Concentration at Surface (RCP 8.5) (RCP 8.5, 50th percentile)
Dissolved Nitrate Concentration at Surface (RCP 8.5) (RCP 8.5, 5th percentile)
Dissolved Nitrate Concentration at Surface (RCP 8.5) (RCP 8.5, 95th percentile)

Dissolved Nitrate Concentration at Surface (RCP 6.0) (RCP 6.0, 50th percentile)
Dissolved Nitrate Concentration at Surface (RCP 6.0) (RCP 6.0, 5th percentile)
Dissolved Nitrate Concentration at Surface (RCP 6.0) (RCP 6.0, 95th percentile)

Dissolved Nitrate Concentration at Surface (RCP 4.5) (RCP 4.5, 50th percentile)
Dissolved Nitrate Concentration at Surface (RCP 4.5) (RCP 4.5, 5th percentile)
Dissolved Nitrate Concentration at Surface (RCP 4.5) (RCP 4.5, 95th percentile)



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Dissolved Nitrate Concentration at Surface (RCP 2.6) (RCP 2.6, 50th percentile)

Dissolved Nitrate Concentration at Surface (RCP 2.6) (RCP 2.6, 5th percentile)

Dissolved Nitrate Concentration at Surface (RCP 2.6) (RCP 2.6, 95th percentile)

Sea Surface Temperature (RCP 8.5) (RCP 8.5, 50th percentile)

Sea Surface Temperature (RCP 8.5) (RCP 8.5, 5th percentile)

Sea Surface Temperature (RCP 8.5) (RCP 8.5, 95th percentile)

Sea Surface Temperature (RCP 6.0) (RCP 6.0, 50th percentile)

Sea Surface Temperature (RCP 6.0) (RCP 6.0, 5th percentile)

Sea Surface Temperature (RCP 6.0) (RCP 6.0, 95th percentile)

Sea Surface Temperature (RCP 4.5) (RCP 4.5, 50th percentile)

Sea Surface Temperature (RCP 4.5) (RCP 4.5, 5th percentile)

Sea Surface Temperature (RCP 4.5) (RCP 4.5, 95th percentile)

Sea Surface Temperature (RCP 2.6) (RCP 2.6, 50th percentile)

Sea Surface Temperature (RCP 2.6) (RCP 2.6, 5th percentile)

Sea Surface Temperature (RCP 2.6) (RCP 2.6, 95th percentile)

Pending (available February 2021)

Extreme precipitation 3, 6, 12, 24, 48, 72 hours

Grass Fire Danger index (GFDI)

Nesterov Index (Forest Fire Index)

Angstrom Index (Forest Fire Index)

Agricultural Standardised Precipitation Index (aSPI)

Arid Index (AI)

Normal Effective Temperature (NET)

Temperature Humidity Index for Physiology (THIP -Livestock)

Thermal Humidity Comfort Index (THIC – Livestock)

Labour capacity of light works (LC_LW)

Labour capacity of heavy works (LC_HW)

Wet Bulb Globe Temperature (WBGT)