



****Extraordinary Assumptions:** There are a lot of different data sources in this report not all of them match but aid to provide an overall picture of the current situation. COVID-19 Data Source Comparison - https://covid-19.splunkforgood.com/covid_19_datasource_comparison

Daily Situation Summary

Tuesday, July 21, 2020

As of 10:00 AM

COVID-19 by the Numbers

07/21/2020	Riverside	Imperial	Kern	Los Angeles	Orange	San Bernardino	San Diego	San Luis Obispo	Sana Barbra	Ventura	California	United States	Global
Total Cases	30,340	7,280	10,094	156,039	29,941	23,928	23,684	1,262	5,145	5,706	391,538	3,761,362	14,538,094
New Cases	95	12	844	2,774	338	248	568	28	35	76	6,846	63,201	189,236
Cases Per Capita	1,273	4,040	1,143	1,545	946	1,121	717	448	1,159	673	1,000	1,140	190
Recovered	10,795	7,518	4,759	Not Reported	14,366	14,522	16,522	872	4,685	2,924	109,447	1,851,157	8,958,752
Total Deaths	587	161	105	4,095	492	328	478	6	32	56	7,694	140,157	607,358
New Deaths	0	0	0	11	-2	0	0	0	0	0	9	498	3,667
Deaths Per Capita	24.63	89.34	11.89	40.55	15.55	15.36	14.47	2.13	7.21	6.60	19.65	42.47	7.92
Presumptive active cases	18,958	-399	5,230		15,083	9,078	6,684	384	428	2,726	274,397	1,770,048	4,971,984
% of State's Cases	7.75%	1.86%	2.58%	39.85%	7.65%	6.11%	6.05%	0.32%	1.31%	1.46%	10.41%	25.87%	
Currently in Hospitals	668	96	270	2,834	747	674	482	17	88	96	8,419		
Total Hospital Beds	4,032	298	1,822	23,943	7,428	4,766	6,387	463	763	298	79,300		
Currently in ICU	131	24	64	577	213	194	142	5	26	131	1,943		
ICU Beds Available	156	2	78	1,443	423	169	368	38	67	156	4,080		
Case Fatality Rate	1.9%	2.2%	1.0%	2.6%	1.6%	1.4%	2.0%	0.5%	0.6%	1.0%	2.0%	3.7%	4.2%
Population*	2,383,286	180,216	883,053	10,098,052	3,164,182	2,135,413	3,302,833	281,455	443,738	848,112	39,148,760	329,981,711	7,665,345,000
% of Population	6.09%	0.46%	2.26%	25.79%	8.08%	5.45%	8.44%	0.72%	1.13%	2.17%	0.12%	0.0491%	

Sources: CDPH, WHO, CDC

The date for which case statistics and hospital data were reported. Hospital COVID data are self-reported through a portal managed by the California Hospital Association and pulled at 2pm. COVID case statistics are reported by local health departments to CalREDIE and are pulled at 2pm. Hospital data and case statistics are integrated by the California Department of Technology and made available through the Open Data Portal the following morning.

*California-Demographics.com is made by Cubit - a demographic data provider & census.gov

Presumptive active cases - A calculation of total cases - Recovered - Dead

Global Data

More detail on page 2

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US Data

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Riverside County Data

More detail on page 8

Global Data

07/21/2020	Spain	Italy	Russia	India	Brazil	United States	Global
Total Cases	313,274	244,752	783,328	1,171,446	2,129,053	3,761,362	14,538,094
New Cases	1,358	128	5,842	16,529	7,408	63,201	189,236
Cases Per Capita	670	4,041	537	85	1,002	1,140	190
Recovered		197,431	1,409,202	737,808	1,409,202	1,851,157	8,958,752
Active Cases		12,248	208,364	405,150	639,358	1,890,964	5,354,824
Total Deaths	28,424	35,073	12,580	28,488	80,493	140,157	607,358
New Deaths	2	15	153	398	242	498	3,667
Deaths Per Capita	60.79	579.08	8.62	2.06	37.87	42.47	7.92
% of Global Cases	8.33%	1.68%	5.39%	8.06%	14.64%	25.87%	
Case Fatality Rate	9.1%	14.3%	1.6%	2.4%	3.8%	3.7%	4.2%
Population*	46,755,810	6,056,681	145,938,027	1,380,715,311	212,559,417	329,981,711	7,665,345,000
% of Population	0.0041%	0.0032%	0.0102%	0.0153%	0.0278%	0.0491%	

Sources:

<https://www.worldometers.info/coronavirus/#countries>

News

American tourists are officially banned from the Bahamas

<https://thepointsguy.com/news/americans-banned-bahamas-coronavirus/>

Florida Surpasses 5,000 Coronavirus Deaths; 10,347 New Cases

<https://patch.com/florida/bradenton/florida-surpasses-5-000-coronavirus-deaths-10-347-new-cases>

NIH: Genome Data Help Track Community Spread of COVID-19

<https://directorsblog.nih.gov/2020/07/21/genome-data-helps-track-community-spread-of-covid-19/>

One Good Thing

- Stories about the kindness of strangers and individuals who sacrifice for others.

<https://apnews.com/OneGoodThing> or <https://www.goodnewsnetwork.org/>

Information

On Wednesday, July 22nd from 2:00 to 3:00 p.m. (ET), I will be presenting the special REMI webinar, "Re-opening Schools & Universities: Examining the Economic Effects using IQ+™,"

evaluates the effects of decreased economic activity resulting from school closures and state shutdowns continuing into the fall semester.

This webinar will also serve as the official launch of our new REMI IQ+ model that we designed to forecast the future of a region through quarterly economic projections and scenario analyses.

With IQ+, users can assess the employment and tax revenue impacts associated with re-opening various educational institutions, as well as identify potential policy interventions to implement in order to mitigate the losses related to schools remaining closed in September.

Register <https://register.gotowebinar.com/register/2918529779199087119>

Executive Orders — By State

<https://web.csg.org/covid19/executive-orders/>

State Reopen Plans

<https://web.csg.org/covid19/state-reopen-plans/>

OSHA TIP - Make sure your respirator has a proper seal

<https://www.osha.gov/Publications/OSHA4015.pdf>

U.S. Data

Covid-19 Case Cluster (past 48 hours)

<https://www.cdc.gov/covid-data-tracker/index.html>

Social Impact COVID-19 Events in the United States

17 EVENTS
Past 48 hours

Map of news reports related to social impact events resulting from the COVID-19 outbreak in the United States, such as school closures, localized outbreaks, state of emergency declarations, etc.

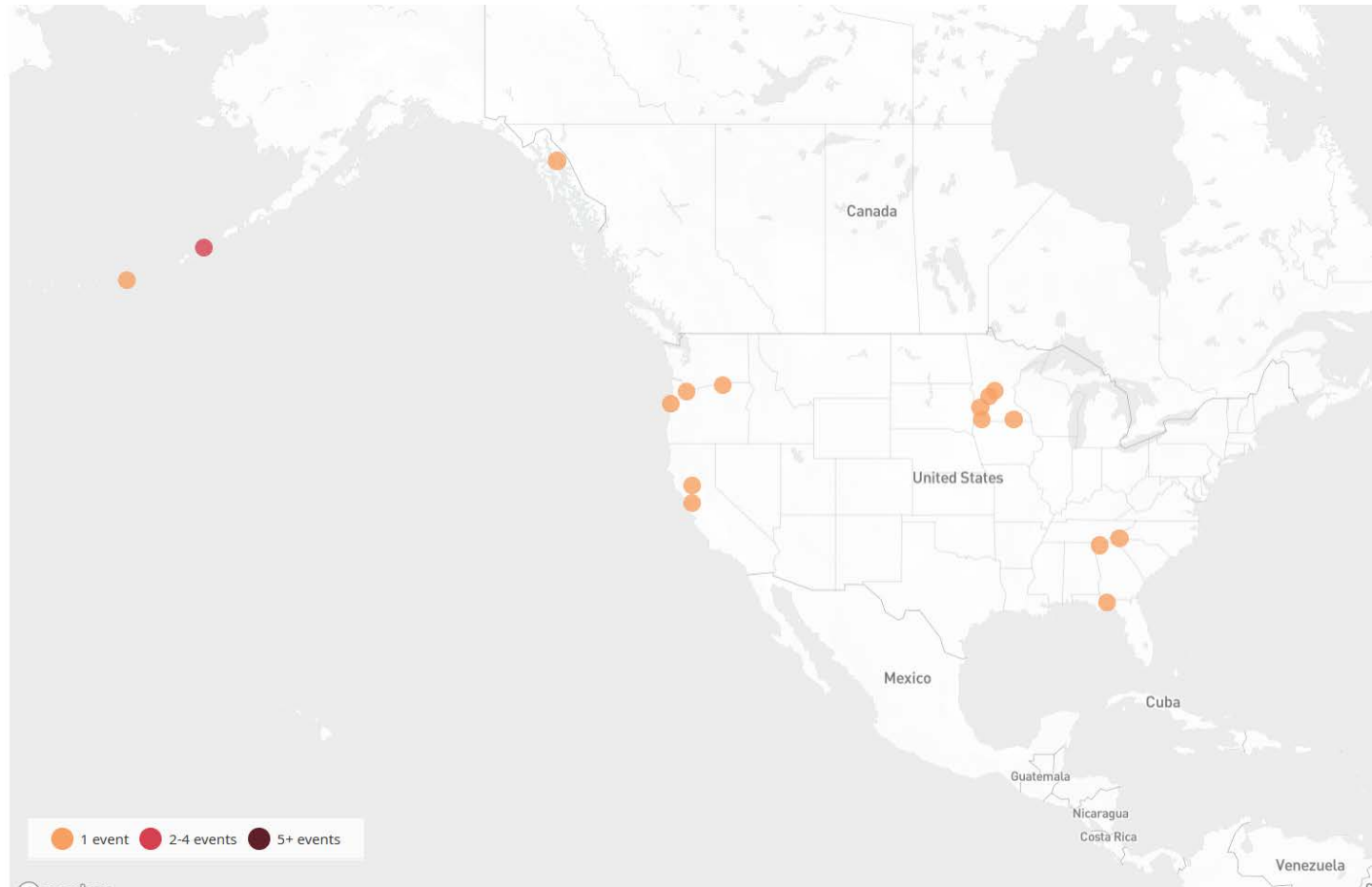
DATE RANGE

Past 48 hours

TYPE OF EVENT ?

COVID-19 Case Clusters

[About this Map](#) | Developed by [HealthMap](#)



COVID-19 Update



Situation: Upward trajectory in COVID-19 case count continues across **34 (+7)** states, with **11 (-4)** states in a plateau status. 30,220 Federal employees deployed / activated; **2,275 (-3)** FEMA employees deployed.

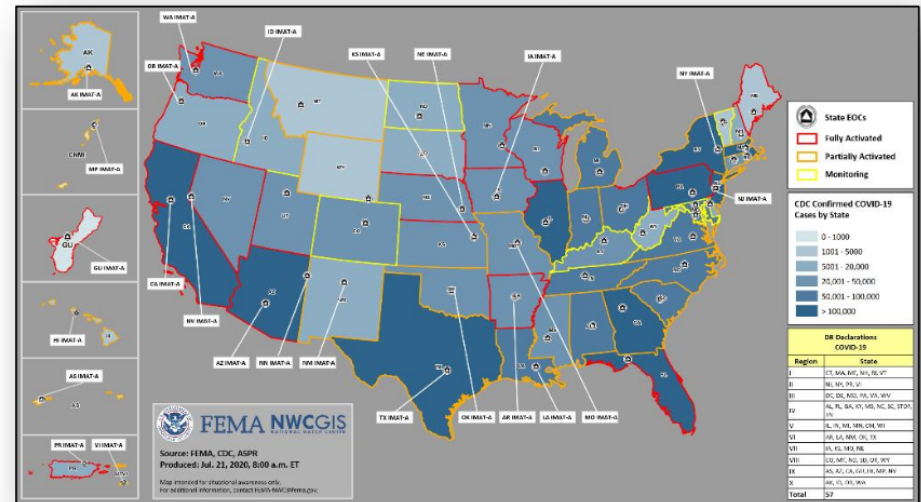
Nationwide Testing: **47,313,917 (+762,312)** cumulative (as of July 20)

COVID-19 positive cases continue to increase globally (CDC COVID-19 Response Update as of July 20)

- Confirmed Cases of COVID-19
 - United States: **3,761,362 (+63,201)**
 - Worldwide: **14,043,176 (+166,735)**
- Deaths caused by COVID-19
 - United States: **140,157 (+498)**
 - Worldwide: **597,583 (+4,496)**

Response:

- NRCC at Level I
- Regions I, II, III, V, VI, & X RRCCs at Level III
- Regions IV, VII, VIII, & IX RRCCs are rostered
- Regions VII & IX COVID-19 response being worked from the Virtual JFO
- NWC, all RWCs, and MOCs are monitoring



(COVID-19 SLB, July 20)

State Data

<https://covid19.ca.gov/>

<https://update.covid19.ca.gov/#top>

<https://www.cdph.ca.gov/Programs/CID/DCDC/Pages/Immunization/ncov2019.aspx#>

Statewide industry guidance to reduce risk

<https://covid19.ca.gov/industry-guidance/#top>

<https://www.cdph.ca.gov/Programs/CID/DCDC/Pages/Guidance.aspx>

Open sectors in counties with variance

<https://covid19.ca.gov/roadmap-counties/#track-data>

<https://covid19.ca.gov/roadmap-counties/>

Data models

<https://covid19.ca.gov/data-and-tools/>

Take the State survey

<https://www.surveymonkey.com/r/W56KTRS?source=covid>

California COVID-19 By The Numbers

July 20, 2020

Numbers as of July 19, 2020

CALIFORNIA COVID-19 SPREAD

391,538 (+6,846)

TOTAL CASES

Ages of Confirmed Cases

- 0-17: 33,630
- 18-49: 235,513
- 50-64: 76,179
- 65+: 45,759
- Unknown/Missing: 457

Gender of Confirmed Cases

- Female: 194,690
- Male: 194,780
- Unknown/Missing: 2,068

7,694 (+9)

Fatalities

Hospitalizations

Confirmed COVID-19

6,921/1,943

Hospitalized/in ICU

Suspected COVID-19

1,498/214

Hospitalized/in ICU

For county-level
hospital data:
bit.ly/hospitalsca

Your actions **save lives.**

For county-level data:
data.chhs.ca.gov

covid19.ca.gov



California Statistics

Total Population: 40,129,160

119,854

New Cases (Last 14 Days)

298.7 Per 100K

391,538 Total Cases

1,357

New Deaths (Last 14 Days)

3.4 Per 100K

7,694 Total Deaths

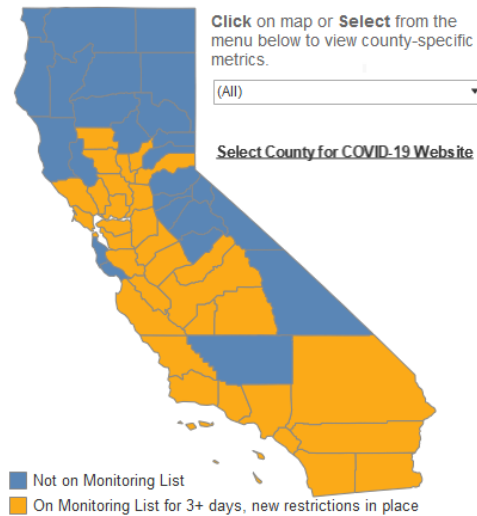
1,620,968

Tests Reported (Last 14 Days)

7.4% Test Positivity

2.9 Daily per 1,000 Residents

6,414,321 Total Tests Reported



Hospitals

Total vs Last 14 day change

374 Hospitals Reporting (72,032 Hospital Beds)

8,419

Hospitalized COVID-19 Patients
(Suspected + Positive)

1,141 Patients

15.7% Increase

2,157

ICU Hospitalized COVID-19 Patients
(Suspected + Positive)

220 Patients

11.4% Increase

35%

ICU Beds Available

72%

Ventilators Available

Equipment Distributed

85,517,355

N-95 Respirators

293,136,682

Procedure Masks

19,396,218

Gowns

15,268,370

Face Shields

83,357,523

Gloves

Updated July 20, 2020 at 11:00 am.

For attested counties not on Monitoring List

- [Industries open statewide](#)
- Dine-in restaurants (outdoors only)
- Wineries and tasting rooms (outdoors only)
- Family entertainment centers (outdoors only)
- Zoos and museums (outdoors only)
- Cardrooms (outdoors only)
- Casinos
- Gyms and fitness centers
- Hotels (for tourism and individual travel)
- Campgrounds and outdoor recreation
- Personal care services, like nail salons and body waxing
- Hair salons and barbershops

For counties on Monitoring List for 3 consecutive days

- [Industries open statewide](#)
- Casinos
- Hotels (for tourism and individual travel)
- Campgrounds and outdoor recreation

The following industries must close indoor operations, but they may be modified to operate outside or by pick-up:

- Dine-in restaurants
- Wineries and tasting rooms
- Movie theaters
- Family entertainment centers (for example: bowling alleys, miniature golf, batting cages and arcades)
- Zoos and museums
- Cardrooms
- Gyms and fitness centers
- Personal care services, like nail salons and body waxing
- Places of worship and cultural ceremonies, like weddings and funerals
- Offices for non-critical infrastructure sectors
- Shopping malls

NOTE: Imperial County is open to the essential workforce only (Stage One). Alameda County does not have an attestation and can only have open those industries which are open statewide.

Riverside County Data

<https://www.rivcoph.org/coronavirus>

RUHS Public Health:

[Advisory Concerning Live Music Events](#) - July 20, 2020

Skilled nursing facility reopens to patients after April evacuation [English](#) / [Spanish](#) - July 17, 2020

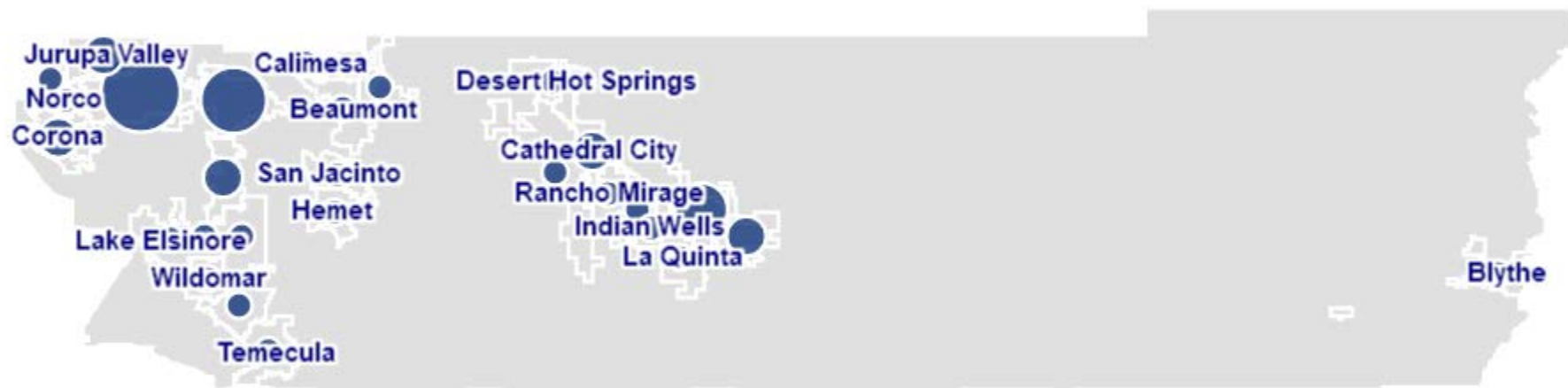
Daily Epidemiology Summary

https://www.rivcoph.org/Portals/0/Documents/CoronaVirus/July/Dashboard/4/Public%20Daily_COVID-19_Updates%20072020.pdf?ver=2020-07-20-143558-747×tamp=1595281021968

Licensed Hospital/ICU Beds Utilization Trends

https://www.rivcoph.org/Portals/0/Documents/CoronaVirus/July/Dashboard/EMD_COVID-19_Metrics_Public_Dashboard-072020.pdf?ver=2020-07-20-154810-223×tamp=1595285328358

Confirmed Cases by City of Residence




Weather


COVID-19 Weather Support

Issued:

1100 AM July 20 2020



NATIONAL WEATHER SERVICE
SAN DIEGO, CA



IMPACT SCALE

None

Minor

Moderate

High

Extreme

Resources

- <https://www.weather.gov/spot/>
- <https://inws.ncep.noaa.gov>
- <https://www.wrh.noaa.gov/sgx/event/dsstable.php>

(858) 675 - 8705
(24/7, Restricted)

Weather.gov/SanDiego

7-day Forecast for Counties in far Southwest CA

Period July 20 - July 27 (24-hr)	Orange	SW San Bernardino	All Deserts	Western Riverside	San Diego
Today	None	Warm	Very Warm Breezy	Warm	None
Tuesday	None	Warm	Warm Breezy	Warm	None
Wednesday	None	None	Warm Breezy	None	None
Thursday	None	None	Warm	None	None
Friday	None	None	Warm	None	None
Saturday	None	None	Warm	None	None
Sunday	None	None	Warm	None	None
Monday	None	None	Warm	None	None

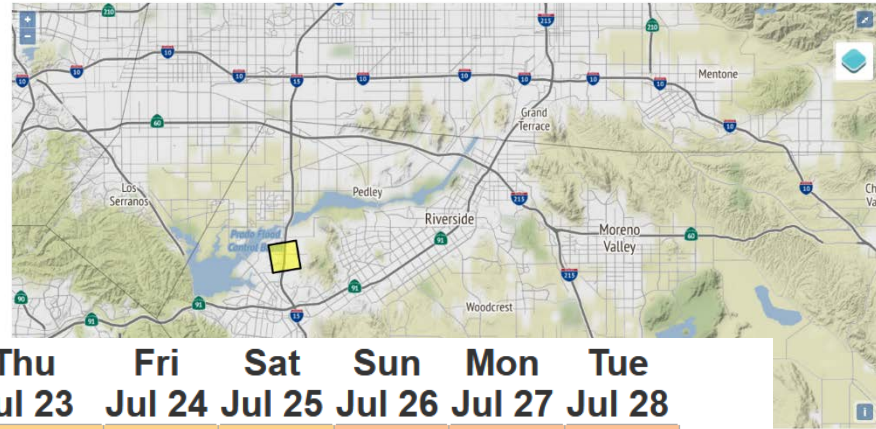
Forecast Discussion

Warm conditions will occur through Tuesday across all deserts and inland valleys, with afternoon high temperatures ranging 2-4 degrees above normal. Moderately gusty winds will also persist into this afternoon across northern portions of the Lower Deserts and passes. A change is in store for Southern California through the middle portion of this week as a weak upper-level system moves through the West Coast. High temperatures on Wednesday and Thursday will be noticeably cooler with below average temperatures across the entire region. Winds will also increase Tuesday night and Wednesday, with locally breezy conditions for mountain passes and deserts.

Latest hazard threat table: <https://www.wrh.noaa.gov/sgx/event/dsstable.php>

IDSS Point Forecasts

Search Map...



Weekly Summary

	Tue Jul 21	Wed Jul 22	Thu Jul 23	Fri Jul 24	Sat Jul 25	Sun Jul 26	Mon Jul 27	Tue Jul 28
Max Temp, °F	90	86	85	87	88	90	92	91
Max Heat Index, °F	89	85	83	85	86	88	89	78
Min Temp, °F	63	63	60	61	62	62	64	64
Max Wind, mph	15	17	13	14	14	14	14	5
Min Wind, mph	3	2	2	1	2	1	2	1
Max Wind Gust, mph	24	26	21	23	22	23	22	10
Max Cloud Cover, %	12	70	55	37	23	18	7	5
Min Cloud Cover, %	8	4	5	3	2	3	3	4
Max Prob. of Precip., %	0	0	0	0	0	0	0	0
Max RH, %	69	91	91	94	90	84	78	73
Min RH, %	36	39	39	41	39	36	32	47
Max Dew Point, °F	61	61	58	60	60	59	58	57
Min Dew Point, °F	59	57	56	57	58	58	55	56
Min Snow Level, x1000ft.	10.8	10.2	10.2	10.5	10.9	10.9	11.6	13

Outlooks

Severe Thunderstorm

Day 1	Day 2	Day 3
Not Expected	Not Expected	Not Expected

Flash Flood

Day 1	Day 2	Day 3
Not Expected	Not Expected	Not Expected

Tropical Outlook – Atlantic

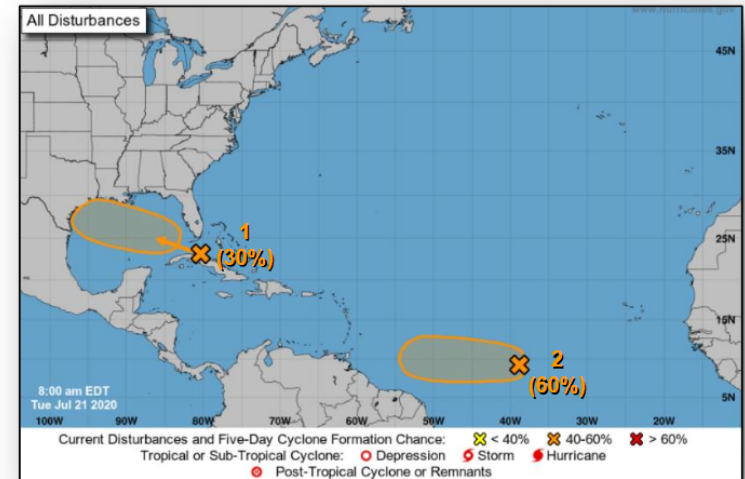


Disturbance 1 (as of 8:00 a.m. ET)

- Located over Cuba, the central and northwestern Bahamas, and adjacent Atlantic waters
- Expected to move WNW over the southeastern Gulf of Mexico by today, across the central Gulf tomorrow, and reach the northwestern Gulf on Thursday and Friday
- Formation chance through 48 hours: Low (30%)
- Formation chance through 5 days: Medium (40%)

Disturbance 2 (as of 8:00 a.m. ET)

- Located midway between the west coast of Africa and the Lesser Antilles
- Moving W at 10 mph
- A tropical depression could form during the next couple of days
- Formation chance through 48 hours: Medium (60%)
- Formation chance through 5 days: Medium (60%)



Tropical Outlook – Eastern Pacific



Tropical Storm Douglas (Advisory #4 as of 5:00 a.m. ET)

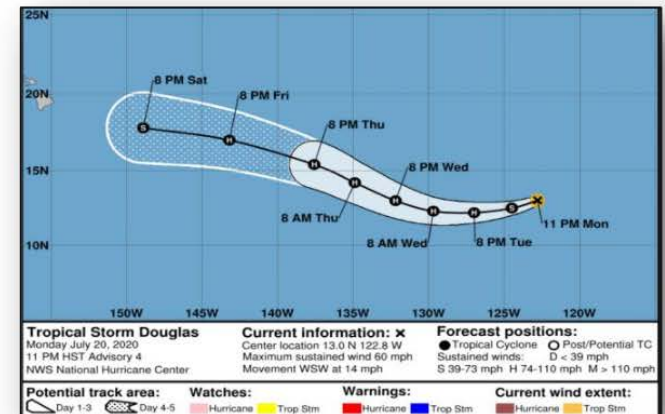
- About 2000 miles ESE of Hilo, HI
- Moving WSW at 14 mph
- Maximum sustained winds 60 mph
- Strengthening is forecast during the next couple of days
- Expected to become a hurricane by Wednesday

Tropical Depression Seven-E (Advisory #5 as of 5:00 a.m. ET)

- About 1500 miles E of Hilo, HI
- Moving W at 13 mph
- Maximum sustained winds 35 mph
- Expected to become a remnant low today and dissipate by Thursday

Disturbance 1 (as of 8:00 a.m. ET)

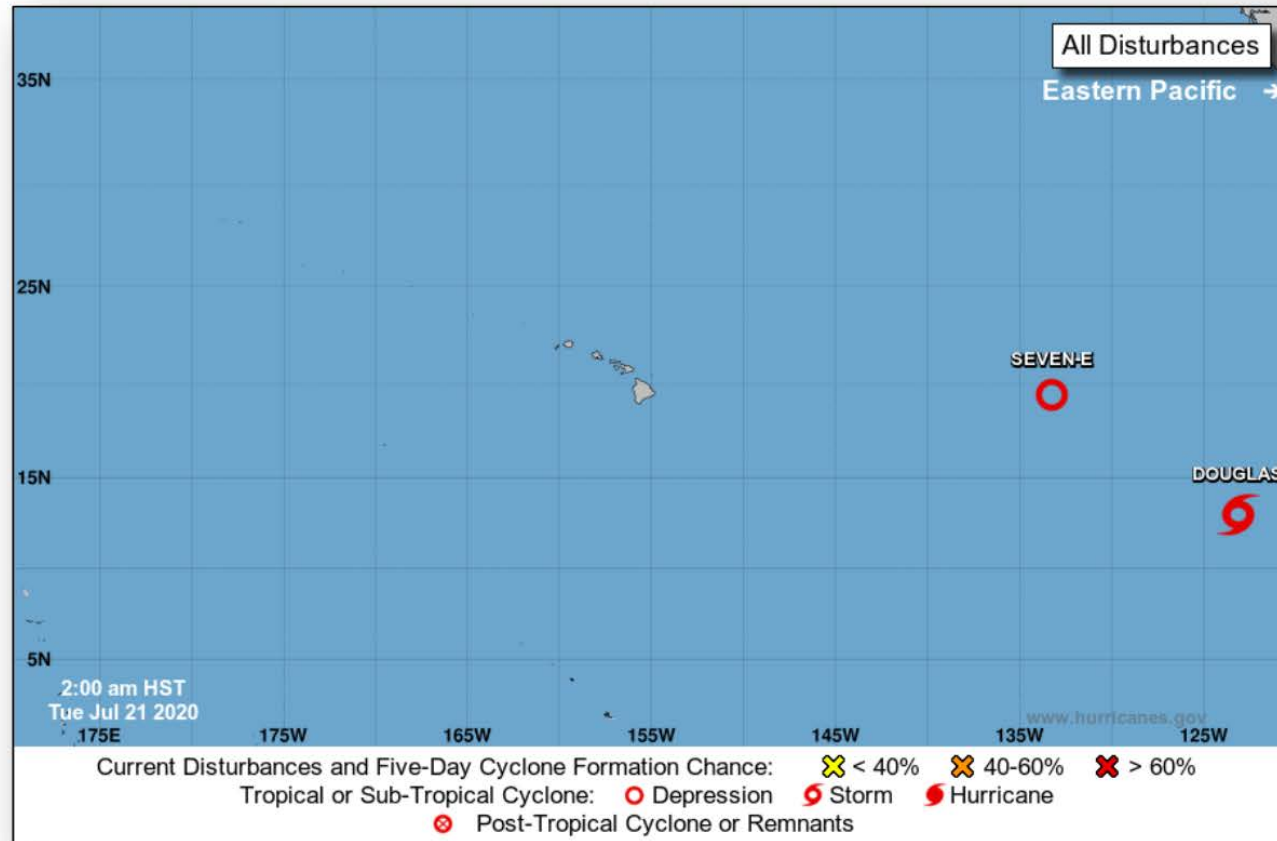
- Forecast to form well south of the southern coast of Mexico
- Gradual development will be possible over the weekend
- Formation chance through 48 hours: Low (near 0%)
- Formation chance through 5 days: Low (30%)



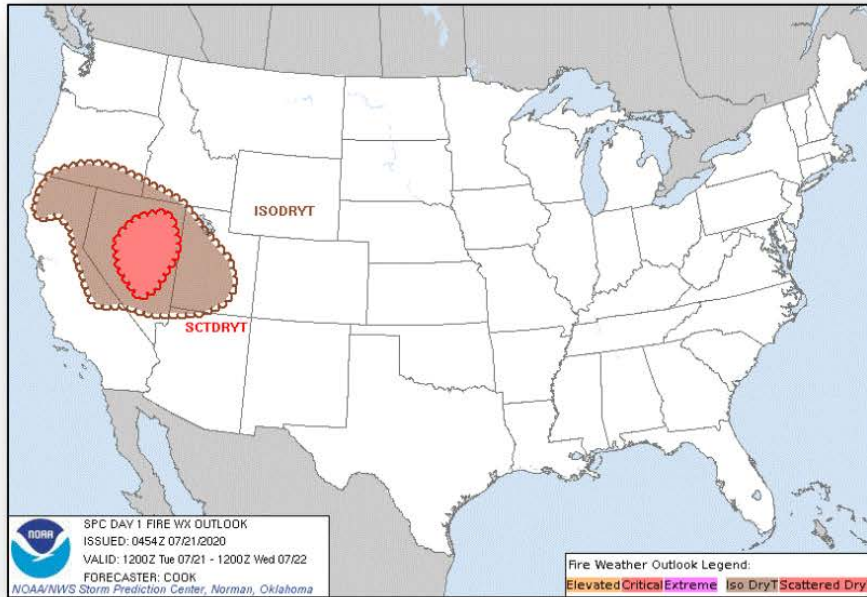
Tropical Outlook – Central Pacific



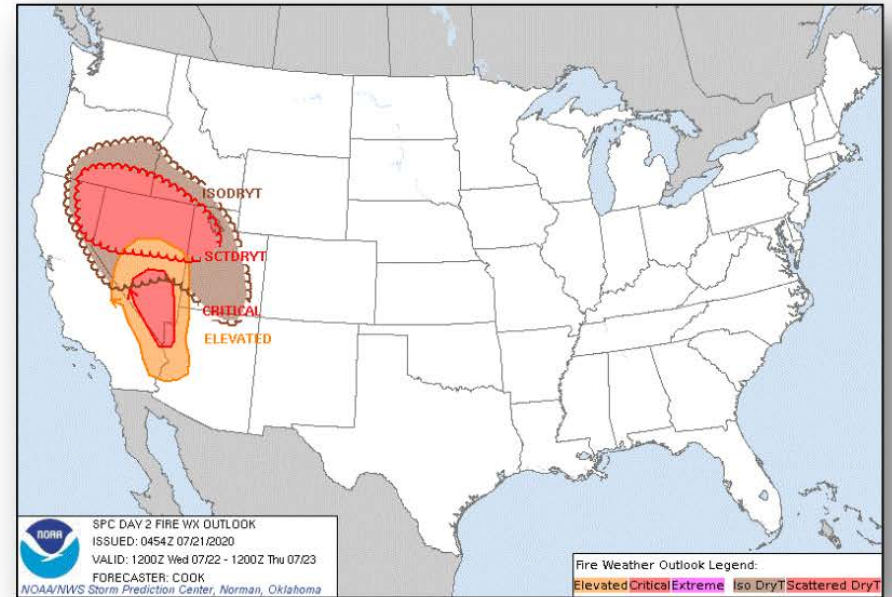
FEMA



Fire Weather Outlook



Today



Tomorrow

Hazards Outlook – Jul 23-27



FEMA

