Message

From: Paige Doelling - NOAA Federal [paige.doelling@noaa.gov]
Sent: 11/28/2019 2:50:54 PM
To: Adams, Adam [Adams.Adam@epa.gov]
Subject: Fwd: Spot Weather Forecast For TPC Incident

It did not look like you were on the list for this and the Hysplit. I asked them to add you again.

Sent from my iPhone

Begin forwarded message:

> **From:** SR-LCH Hazmat - NOAA Service Account <sr-lch.hazmat@noaa.gov>
> **Date:** November 28, 2019 at 4:17:07 AM CST
> **To:** arupp@co.jefferson.tx.us, Carman.Apple@tdem.texas.gov, Djackson@cigrovestx.com, dyoumans@co.jefferson.tx.us, edward.norman@tdem.texas.gov, Hope.Davila@tceq.texas.gov, jardoin@co.orange.tx.us, Joel.S.Ferguson@uscg.mil, Larry.Richard@portarthurtx.gov, mwhite@co.jefferson.tx.us, sarah.kirksey@tceq.texas.gov, sr-hgx.ops@noaa.gov, troy.monk@tpcgrp.com, Andy Patrick - NOAA Federal <andy.patrick@noaa.gov>, Paige Doelling - NOAA Federal <Paige.Doelling@noaa.gov>, Roger Erickson - NOAA Federal <roger.erickson@noaa.gov>
> **Cc:** Joseph Rua - NOAA Federal <joseph.rua@noaa.gov>, Todd Mogged - NOAA Federal <todd.mogged@noaa.gov>, Jonathan Brazzell - NOAA Federal <jonathan.brazzell@noaa.gov>
> **Subject: Spot Weather Forecast For TPC Incident**

```
Spot Forecast for TPC Fire...NWS
National Weather Service Lake Charles LA
410 AM CST Thu Nov 28 2019

Forecast is based on forecast start time of 0500 CST on November 28.
If conditions become unrepresentative...contact the National Weather
Service.

Please contact our office at (337) 477-5285, if you have questions
or concerns with this forecast.

.DISCUSSION...
Easterly low level flow expected through the day into tonight with
poor dispersion conditions expected. Some light showers or sprinkles
are possible late Thursday night Friday morning.

.REST OF TONIGHT...

Sky/weather.........Cloudy (90-100 percent).
Chance of pcpn......0 percent.
Min temperature.....Around 57.
Max humidity........67 percent.
Surface winds.......East winds around 8 mph.
Mixing height.......500 ft AGL.
Transport winds.....East around 15 mph.

TIME (CST)      5AM
Sky (%).........96
Weather cov.....
```

Weather type....
Tstm cov.....
Chc of pcpn (%).0
Temp.....59
RH.....53
Surface wnd dir.E
Surface wnd spd.10
Surface wnd gst.17
Mix hgt (kft)...0.5
Transp wind dir.E
Transp wind spd.15

.TODAY...

Sky/weather.....Mostly cloudy (80-90 percent).
Chance of pcpn.....0 percent.
Max temperature.....Around 69.
Min humidity.....49 percent.
Surface winds.....East winds 7 to 8 mph.
Mixing height.....500-800 ft AGL.
Transport winds.....East 9 to 15 mph.

TIME (CST)	6AM	7AM	8AM	9AM	10A	11A	12P	1PM	2PM	3PM	4PM	5PM
Sky (%).....	91	90	87	78	74	74	76	80	86	87	89	93
Weather cov.....												
Weather type....												
Tstm cov.....												
Chc of pcpn (%).	0	0	0	0	0	0	0	0	0	0	0	0
Temp.....	59	59	60	61	62	64	66	66	66	66	65	64
RH.....	55	60	60	60	65	65	65	68	70	73	78	81
Surface wnd dir.	E	E	E	E	E	E	E	E	E	E	E	E
Surface wnd spd.	9	9	9	10	10	10	10	9	8	8	8	8
Surface wnd gst.	16	16	16	16	16	16	16	15	14	14	13	13
Mix hgt (kft)...	0.5	0.5	0.6	0.6	0.6	0.7	0.8	0.7	0.6	0.6	0.5	0.5
Transp wind dir.	E	E	E	E	E	E	E	E	E	E	E	E
Transp wind spd.	15	14	12	10	9	9	9	9	9	9	9	10

.TONIGHT...

Sky/weather.....Mostly cloudy (75-85 percent).
Chance of pcpn.....20 percent.
Min temperature.....Around 61.
Max humidity.....93 percent.
Surface winds.....East winds 5 to 7 mph.
Mixing height.....400-500 ft AGL.
Transport winds.....East 8 to 12 mph.

TIME (CST)	6PM	7PM	8PM	9PM	10P	11P	MID	1AM	2AM	3AM	4AM	5AM
Sky (%).....	93	92	90	85	79	76	78	78	80	77	71	69
Weather cov.....												SCH
Weather type....												RW
Tstm cov.....												
Chc of pcpn (%).	0	10	10	10	10	10	10	10	0	10	10	20
Temp.....	65	65	62	62	62	62	62	62	61	62	62	61
RH.....	84	84	90	93	93	93	90	93	93	90	90	93
Surface wnd dir.	E	E	E	E	E	E	E	E	E	E	E	E
Surface wnd spd.	8	8	8	8	8	8	8	8	6	6	6	6
Surface wnd gst.	14	14	14	12	12	12	13	14	14	12	10	10
Mix hgt (kft)...	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4
Transp wind dir.	E	E	E	E	E	E	E	E	E	E	E	E

Transp wind spd.	10	10	12	12	12	12	12	10	10	9	8	8

.FRIDAY...

Sky/weather.....Mostly cloudy (75-85 percent).
Chance of pcpn.....10 percent.
Max temperature.....Around 73.
Min humidity.....73 percent.
Surface winds.....Southeast winds 5 to 8 mph.
Mixing height.....400-600 ft AGL.
Transport winds.....Southeast 8 to 13 mph.

TIME (CST)	6AM	7AM	8AM	9AM	10A	11A	12P	1PM	2PM	3PM	4PM	5PM
Sky (%).....	72	84	78	71	71	73	76	77	78	79	82	85
Weather cov.....												
Weather type....												
Tstm cov.....												
Chc of pcpn (%).	10	10	0	0	0	0	10	10	10	10	10	10
Temp.....	62	62	63	65	67	70	72	72	73	72	70	67
RH.....	93	93	93	87	84	76	73	73	73	76	84	93
Surface wnd dir.	E	E	E	E	E	E	SE	SE	SE	SE	SE	SE
Surface wnd spd.	6	8	8	8	9	10	10	10	10	10	9	8
Surface wnd gst.	10	13	14	14	15	16	16	16	16	16	16	16
Mix hgt (kft)...	0.4	0.4	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.5
Transp wind dir.	E	E	E	E	E	SE	SE	SE	SE	SE	SE	SE
Transp wind spd.	8	9	9	10	10	10	10	12	12	13	13	12

$$
Forecaster...BRAZZELL
Requested by...Roger Erickson
Type of request...HAZMAT
.TAG 1919411.1/LCH
.DELDT 11/28/19
.EMAIL roger.erickson@noaa.gov