

Houston Pilots Forecast Package



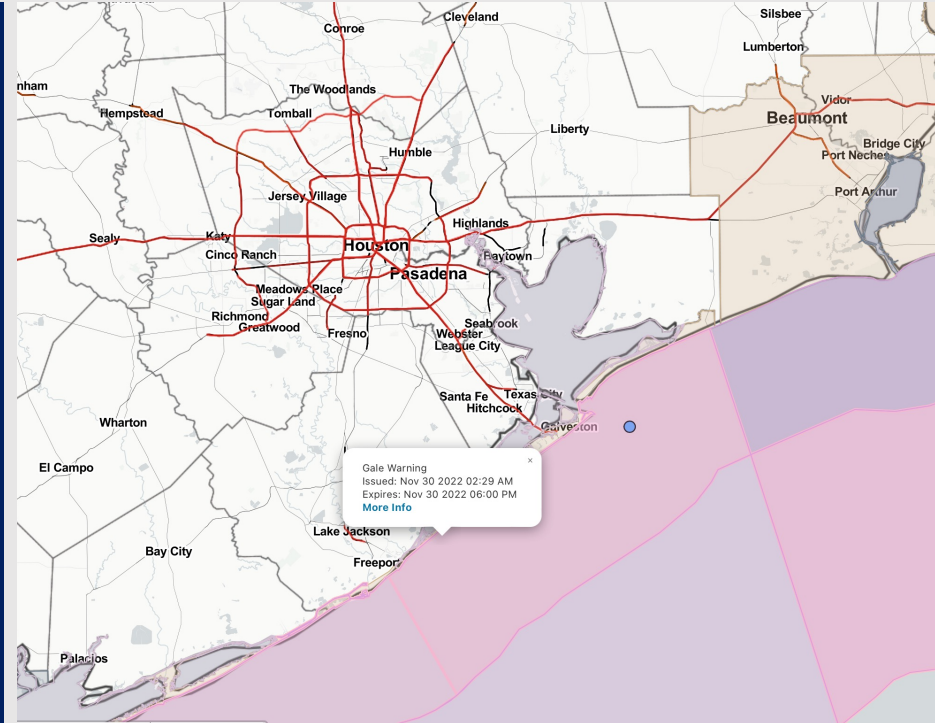
Updated: 2:20 PM CT

Wednesday, November 30, 2022

Forecaster: Alyssa McClung

Weather Headlines

- Anticipating dry conditions the rest of today and tomorrow with rain chances moving in again Friday.
- Anticipating gusty winds of 25-30+ knots out of the NNE be possible South of Morgan's Point throughout the rest of the evening.
- **Not anticipating concerns for reduced visibility tonight and tomorrow as elevated winds and wind direction as less favorable.**
- **Eyeing fog threats getting into the weekend. Favorable conditions for reduced visibility will become possible Friday, with the greatest threat being Friday PM.**



Radar/NWS Alerts: 2:20 PM CT



As always, please do not hesitate to reach out to us with any forecast questions via the chat option on the Weather Porthole or our on-call number, **(317)-560-8122** press 1 for forecast questions.

Houston Pilots Extended Range Visibility Report



Saturday 12/3/22

Favorable wind pattern for fog with winds from the SE to SSE on Saturday. Model guidance this far out has decent agreement on the signal for fog for a good bit of the day Saturday. More details to come, but Saturday does look like fog will be a concern.



Sunday 12/4/22

Winds Sunday AM look to have a NE component to them which may limit fog potential during the morning hours. Into Sunday PM there may be a slightly better opportunity for sea fog because of a better low level wind direction.



Monday 12/5/22

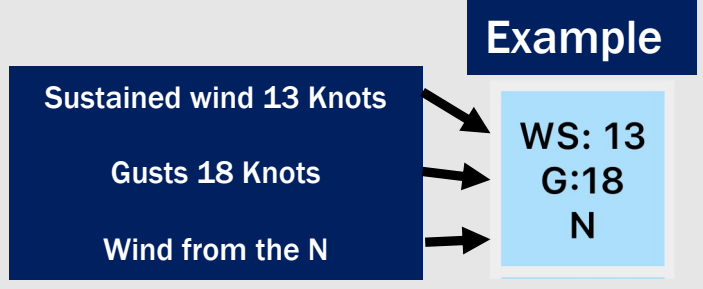
Southerly flow will continue to allow for fog potential, however by the evening hours a more SW wind will work into the area and will limit potential for fog.



Chance for Reduced Visibility

Saturday AM	Probable
Saturday PM	Probable
Sunday AM	Possible
Sunday PM	Possible
Monday AM	Possible
Monday PM	Unlikely

Houston Pilots Wind Report



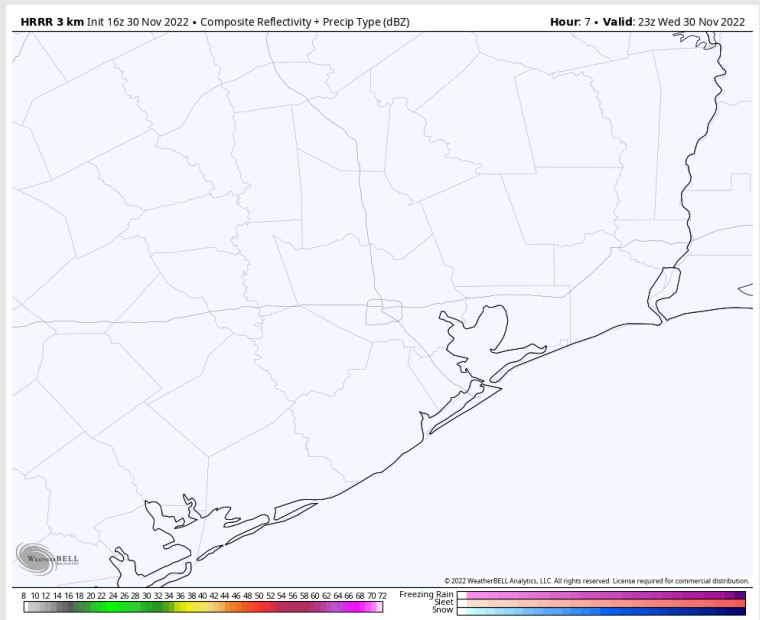
Time Knots	Wed 12pm	Wed 1pm	Wed 2pm	Wed 3pm	Wed 4pm	Wed 5pm	Wed 6pm	Wed 7pm	Wed 8pm	Wed 9pm	Wed 10pm	Wed 11pm	Thu 12am	Thu 1am	Thu 2am	Thu 3am	Thu 4am	Thu 5am	Thu 6am	Thu 7am	Thu 8am	Thu 9am	Thu 10am	Thu 11am	Thu 12pm	Thu 1pm	Thu 2pm	Thu 3pm	Thu 4pm	Thu 5pm	Thu 6pm	Thu 7pm	Thu 8pm	Thu 9pm	Thu 10pm	Thu 11pm
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Kinder 1	12	12	11	10	10	9	8	8	8	8	8	8	8	7	6	7	6	7	7	7	7	8	8	7	7	7	7	7	8	7	6	6	6	6	5	5
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See slides below for official thoughts on winds.

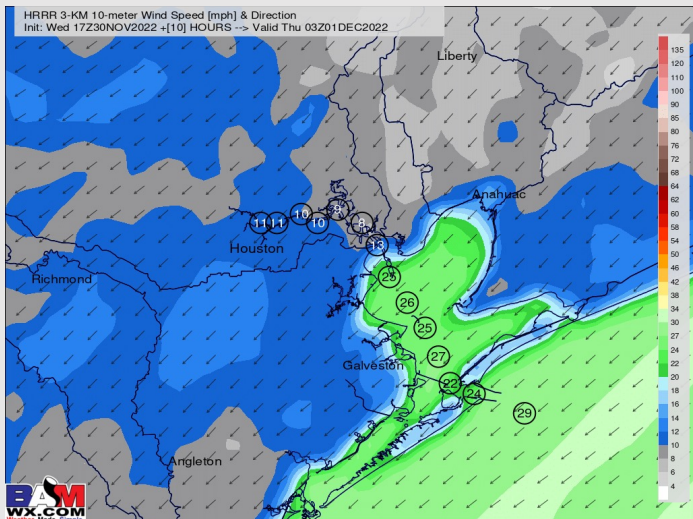
Forecast Discussion

- Precip:** Anticipating the rest of Wednesday to be dry.
- Wind:** Sustained winds out of the N/NNE for the rest of the day. Winds N of Morgan's Point will be at 12 – 17 kts until 5 PM. After 5 PM, winds N of Morgan's point will weaken a bit to 7 – 12 kts until 5 PM. Winds S of Morgan's Point will be elevated at 22-26 kts. Wind gusts of up to 33 kts will be possible across all stations through the evening.
- Temps:** Low temps Thursday morning in the low 50s F near the Boarding Station with temps in the lower 40s F for all other stations.
- Visibility:** Not anticipating visibility concerns, as winds will be elevated + unfavorable direction.

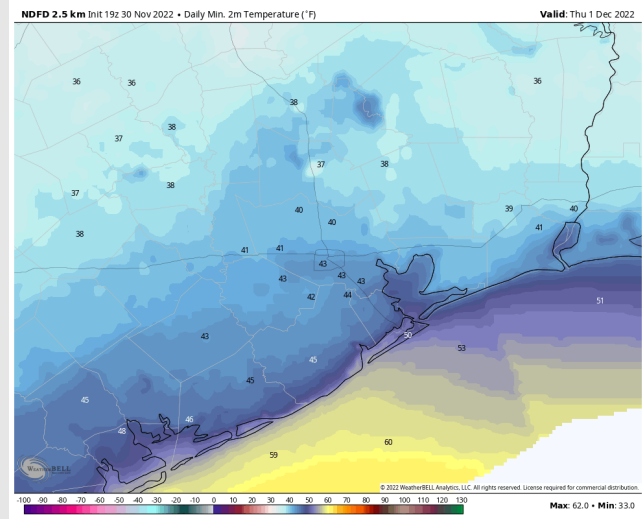
Precip Forecast: 5 PM CT



Wind Speed 9 PM CT



Low Temps Thursday AM



Forecast Discussion

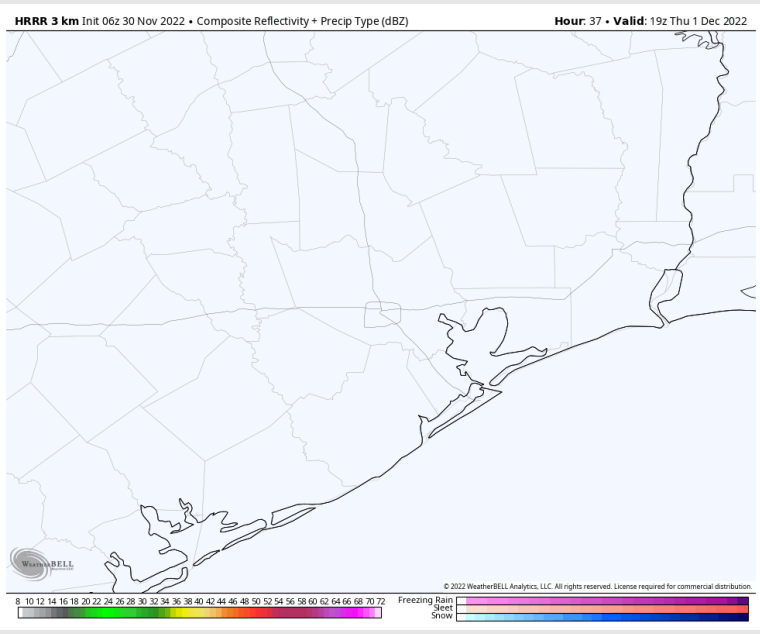
Precip: Anticipating dry conditions Thursday.

Wind: Sustained winds from the NE throughout the majority of the day will shift more Easterly by 6 PM and remain as such for the rest of the evening. Winds N of Morgan's Point will be 5 - 10 kts and winds S of Morgan's Point will be more elevated at 20 - 25 kts until 9 AM, then decrease to 11 - 16 kts. Wind gusts of up to 18 kts will be possible N of Morgan's point until 12 PM, and gusts S of Morgan's Point of up to 28 kts will be possible until 2 PM.

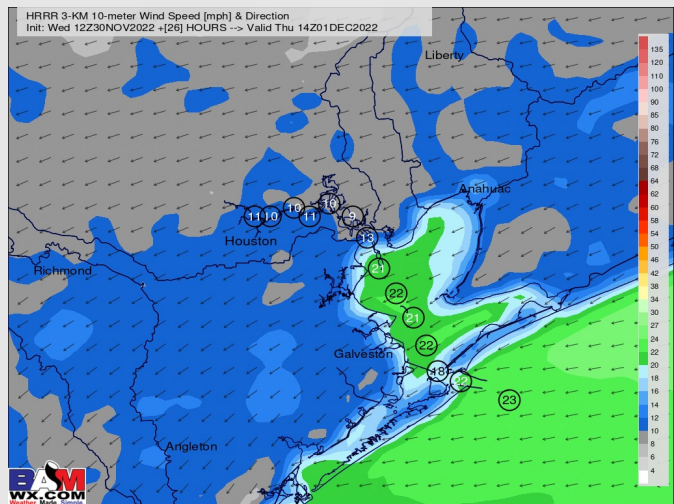
Temps: High temps Thursday will be in the mid to upper 70s F. The Boarding Station will be sitting around 70 F.

Visibility: Not anticipating reduced visibility concerns throughout the day Thursday, **low confidence in the pre-dawn hours of Friday morning for patchy fog threats, but favoring rain to be the main threat of any reduced visibility.**

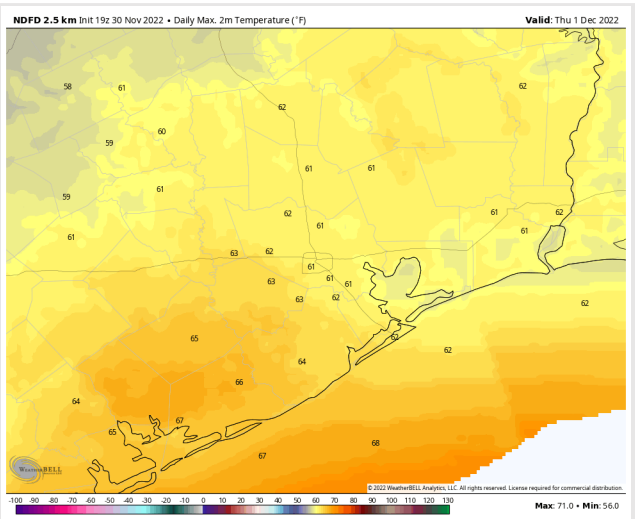
Precip Forecast: 1 PM CT



Wind Speed
8 AM CT



High Temps
Thursday



Forecast Discussion

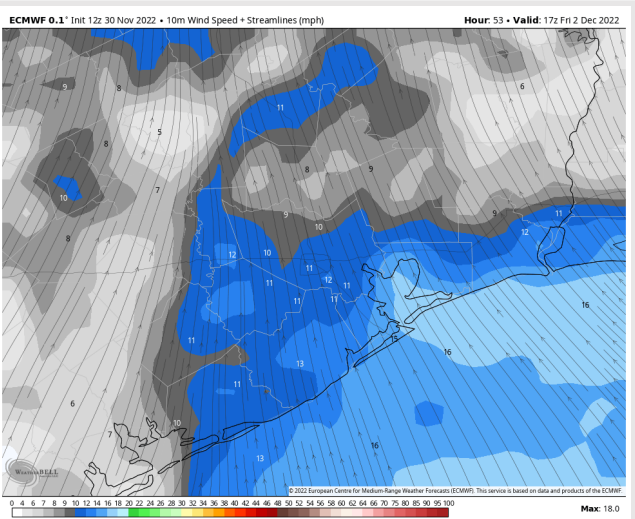
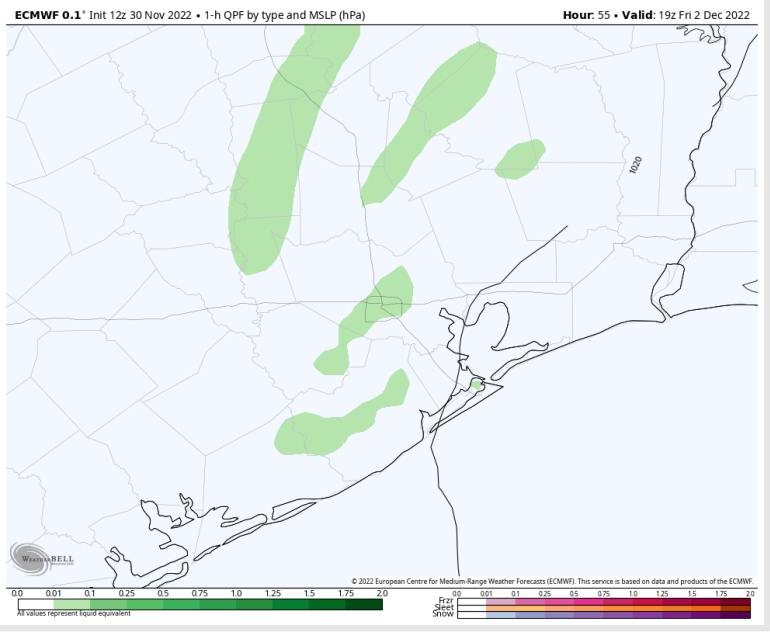
Precip: Anticipating dry conditions until around 6 AM, where a slight (20%) chance of showers will be possible until 4 PM. After 4 PM expecting dry conditions.

Wind: Sustained ESE winds in the morning will become SE by 8 AM through 2 PM, then more SSE thereafter and remaining as such for the rest of the afternoon and evening. Winds N of Morgan's Point will be at 6 – 10 kts in the morning, increasing to 8 – 13 kts in the afternoon. Winds S of Morgan's Point will be 11 – 16 kts. Wind gusts of 20 – 22 kts will be possible across all stations, especially from the 11 AM – 5 PM timeframe.

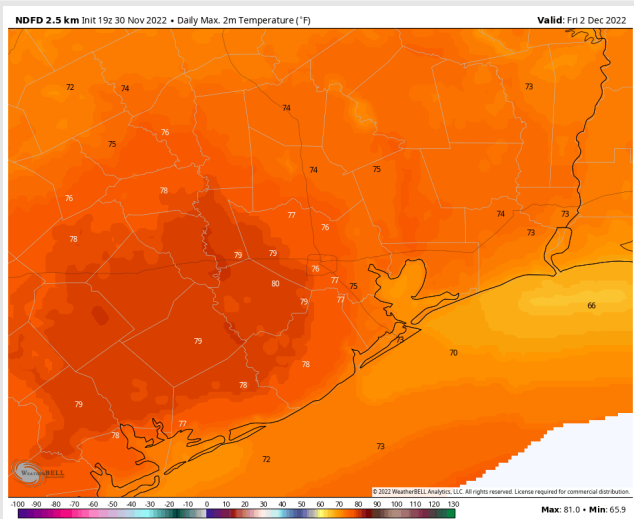
Temps: High temperatures will be in the mid to upper 70s across all stations except the Boarding Station, where temperatures will be cooler around 70 F.

Visibility: Patchy and potentially dense fog will be possible. Favoring the greatest threat to come after sundown. As mentioned in previous slide, Friday morning looks to be more of a rain threat rather than a fog threat.

Precip Forecast: 1 PM CT

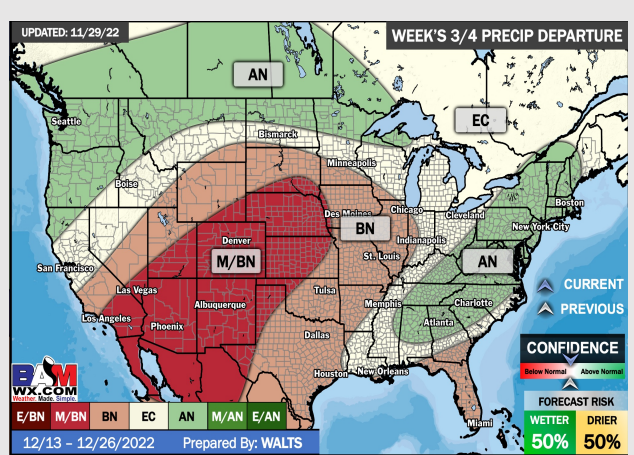
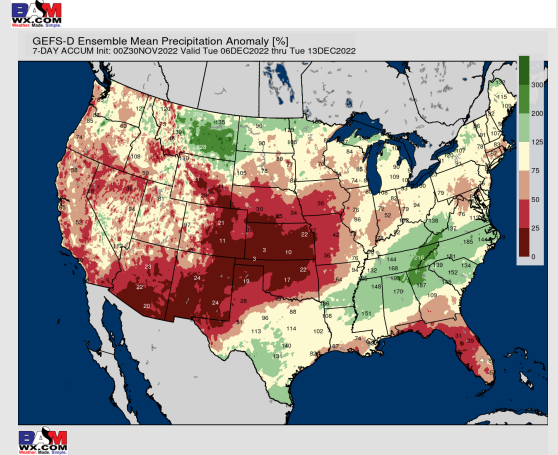
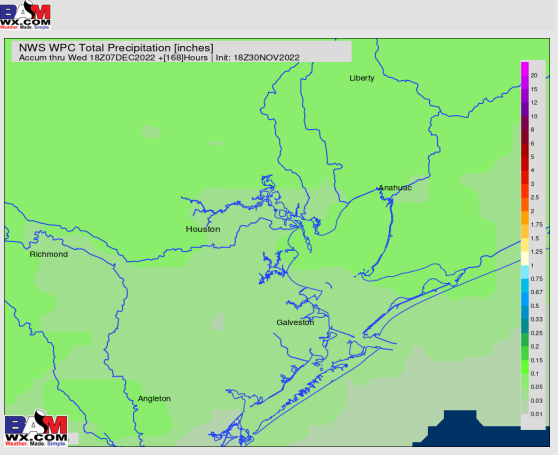
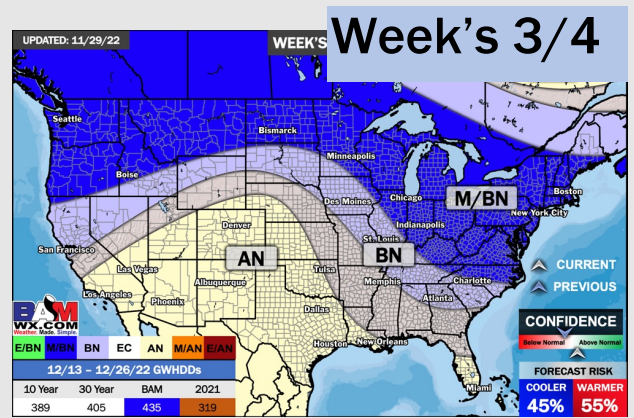
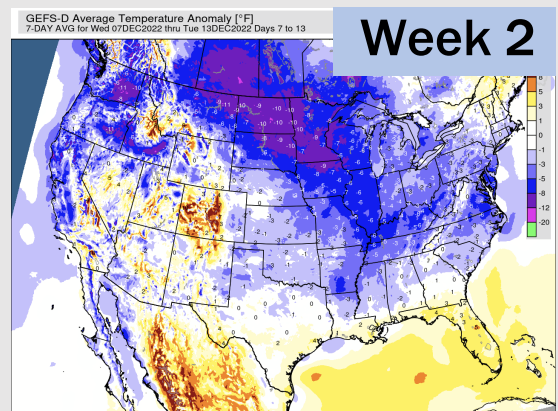
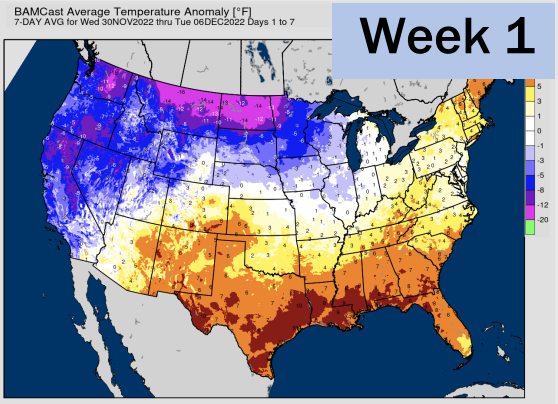


Wind Speed
11 AM CT



High Temps
Friday

Houston Pilots: 11/30/22



- Very low rain chances Sat. into Sun., then the next rain chance will move in Wednesday. Week 1 temperatures to be above normal.
- Week 2 is expected to be slightly above normal for temperatures and slightly below normal for rain chances into early December.
- The weeks 3/4 timeframe looks to feature above normal temperatures and below normal risks for precipitation.