EXAMPLE REPORT FOR A RANCHER

Windy Plains: five days near Plainview.

PLAINVIEW TEXAS

20–24 November 2026

A warm, windy Saturday first.
Then cooler nights.
No rain throughout
this fictional scenario.

73.0°F
warmest · Saturday

36.0 mph
gust · Saturday evening



Generated illustration. Fictional ranch and entirely synthetic data. Layout demonstration, not an actual forecast.

THE SCENARIO AT A GLANCE

Saturday is warmest. Each day after it is cooler.

Full period: 0.000 in of rain · about 38 h 30 min of sunshine · all times local CST

Friday	Saturday	Sunday	Monday	Tuesday
20 Nov	*21 Nov*	*22 Nov*	*23 Nov*	*24 Nov*
48.0–61.0°F	48.7–73.0°F	43.0–59.0°F	38.0–55.0°F	35.0–53.0°F
Gusts 29.0 mph	Gusts 36.0 mph	Gusts 26.0 mph	Gusts 19.0 mph	Gusts 22.0 mph
3 h 00 min of sunshine that day	8 h 30 min of sunshine that day	9 h 00 min of sunshine that day	8 h 45 min of sunshine that day	9 h 15 min of sunshine that day

Reading the week

Warmth and dry air coincide on Saturday. A marked cooling follows, although sunshine still dominates. Air temperature is lowest at 06:00 on Tuesday.

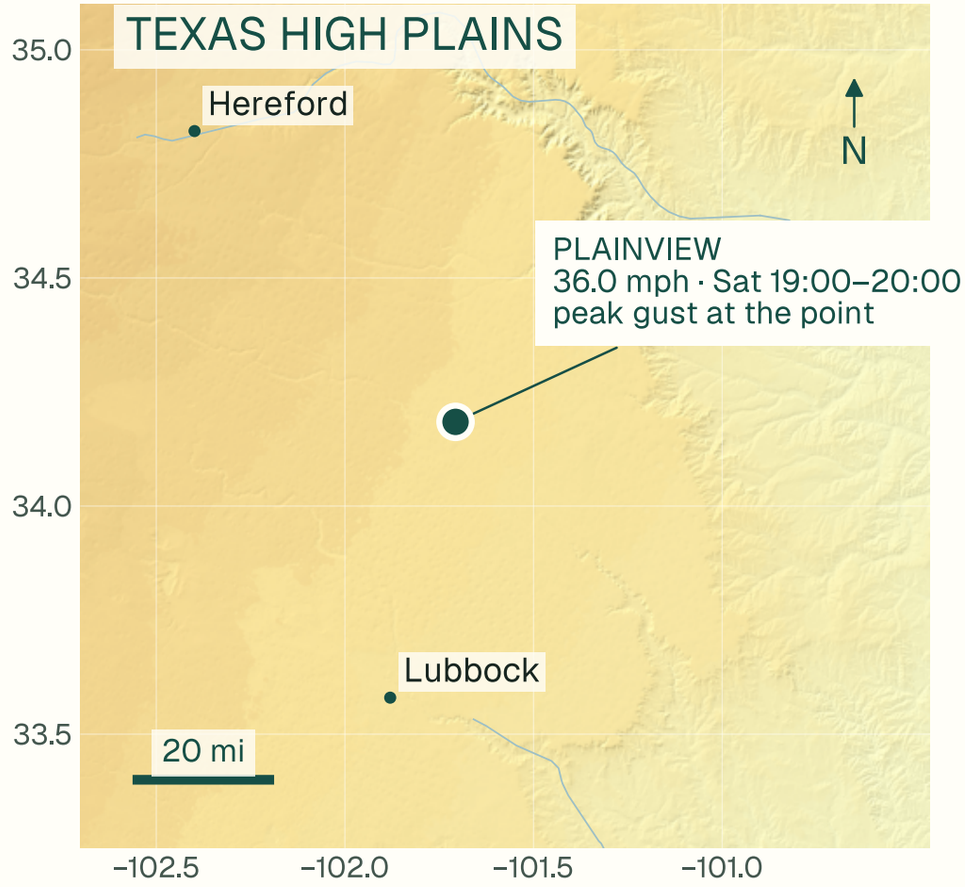
Temperatures: values on the hour. Gusts and sunshine: the interval from the stated hour to the next.

Each day contains 24 synthetic hourly records, from 00:00 to 23:00. Dates are for demonstration only.

EXAMPLE LOCATION

Plainview, Texas High Plains.

A fictional cattle-ranching scenario in a real location. The weather is entirely synthetic.



Reference point

34.1845°N, 101.7068°W

An illustrative scenario location. No model point, downloaded forecast or field measurements.

What the map shows

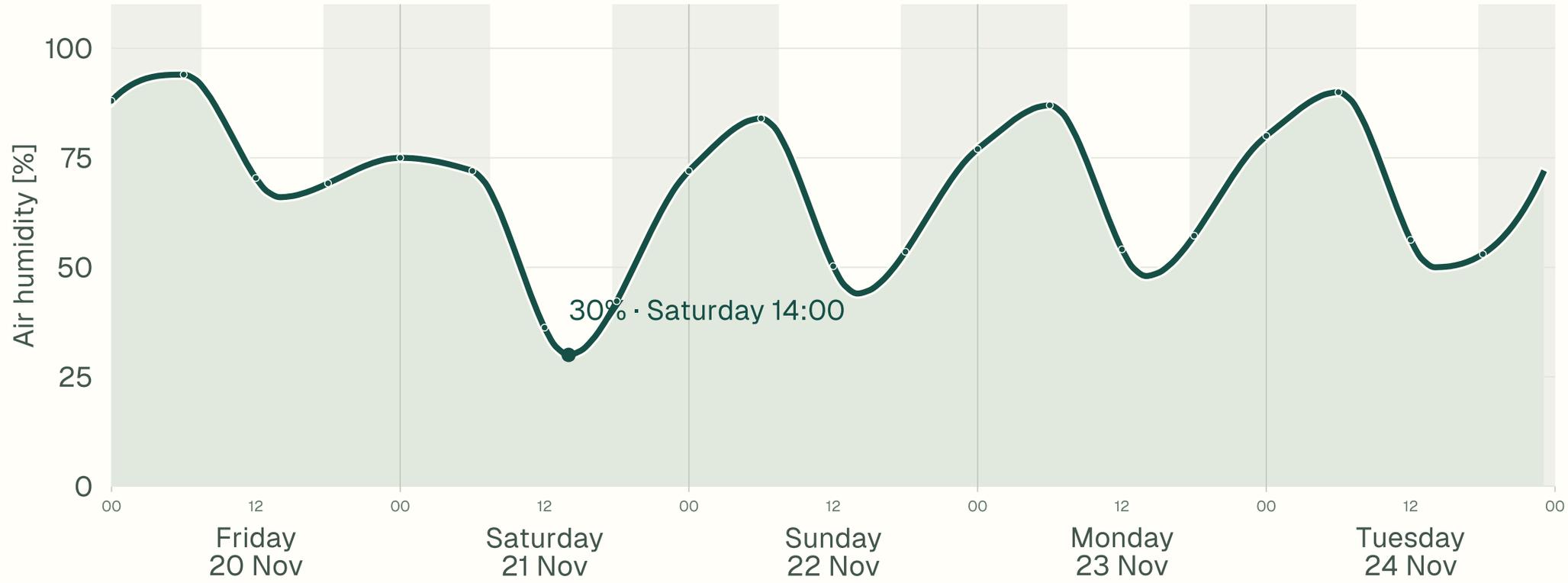
Actual terrain relief. The highlighted 36.0 mph gust is synthetic. Colours do not show a spatial weather pattern.

No ranch boundaries or pen measurements.

AIR ABOVE THE PASTURE

Humid on Friday. Much drier on Saturday afternoon.

Rain and snow: 0.000 in over five days. This does not measure how dry the pasture or pens are.

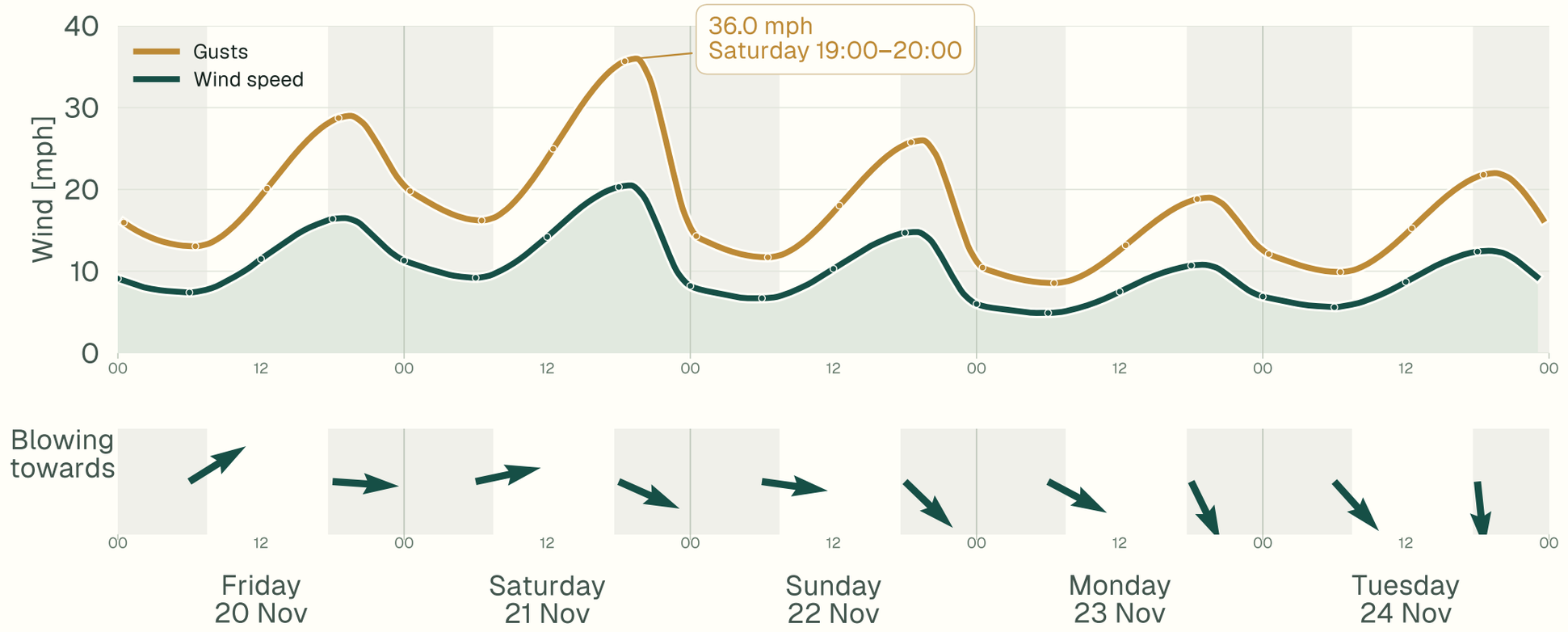


The sharpest contrast	Humidity reaches 94% on Friday and falls to 30% at 14:00 on Saturday. High humidity alone does not mean rain.

WIND ABOVE THE PASTURE

The strongest gust arrives on Saturday evening.

36.0 mph on Saturday between 19:00 and 20:00. Light grey shading marks the night hours.



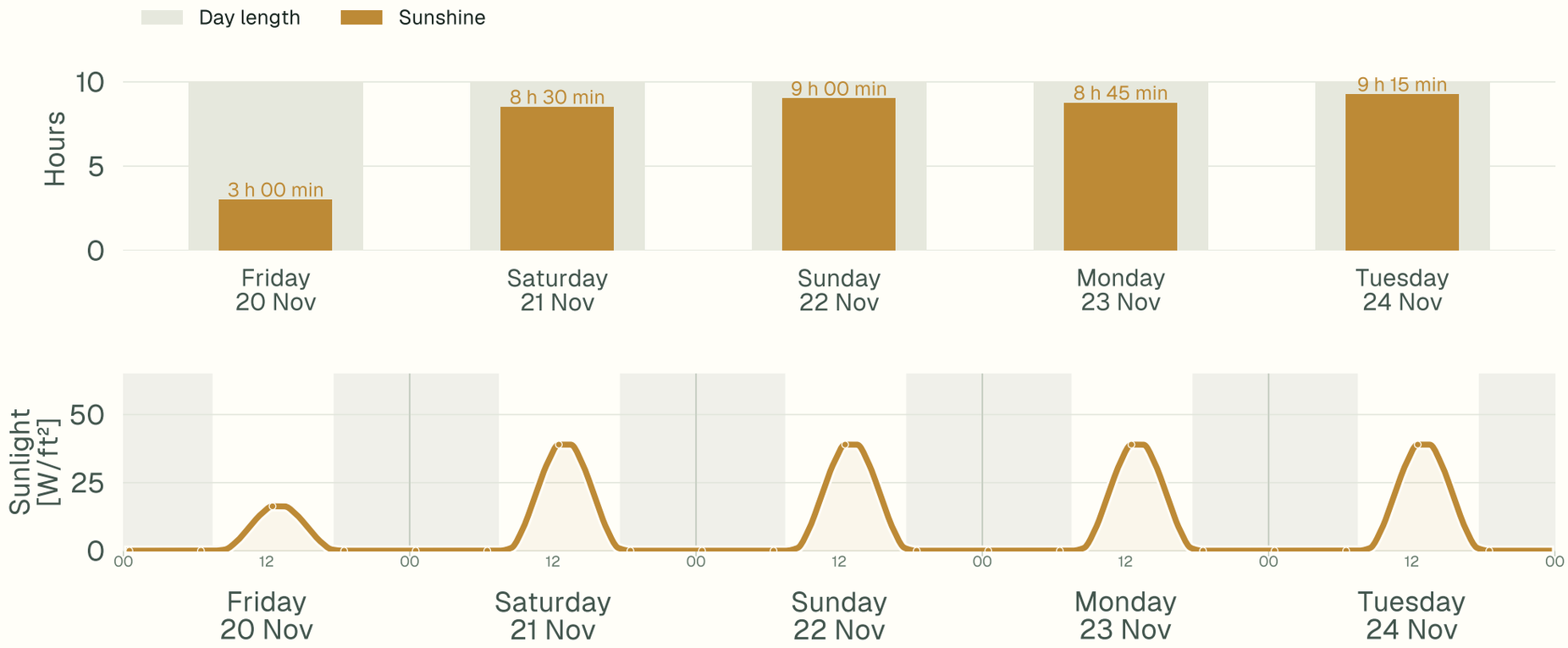
The wind then eases

Monday's peak gust is 19.0 mph. Arrows show where the wind is blowing towards. Scenario wind values refer to a height of about 33 ft.

SUNSHINE AND DAY LENGTH

Plenty of sunshine follows a cloudier Friday.

Friday: 3 h of sunshine. Following days: 8.5 to 9.25 hours.



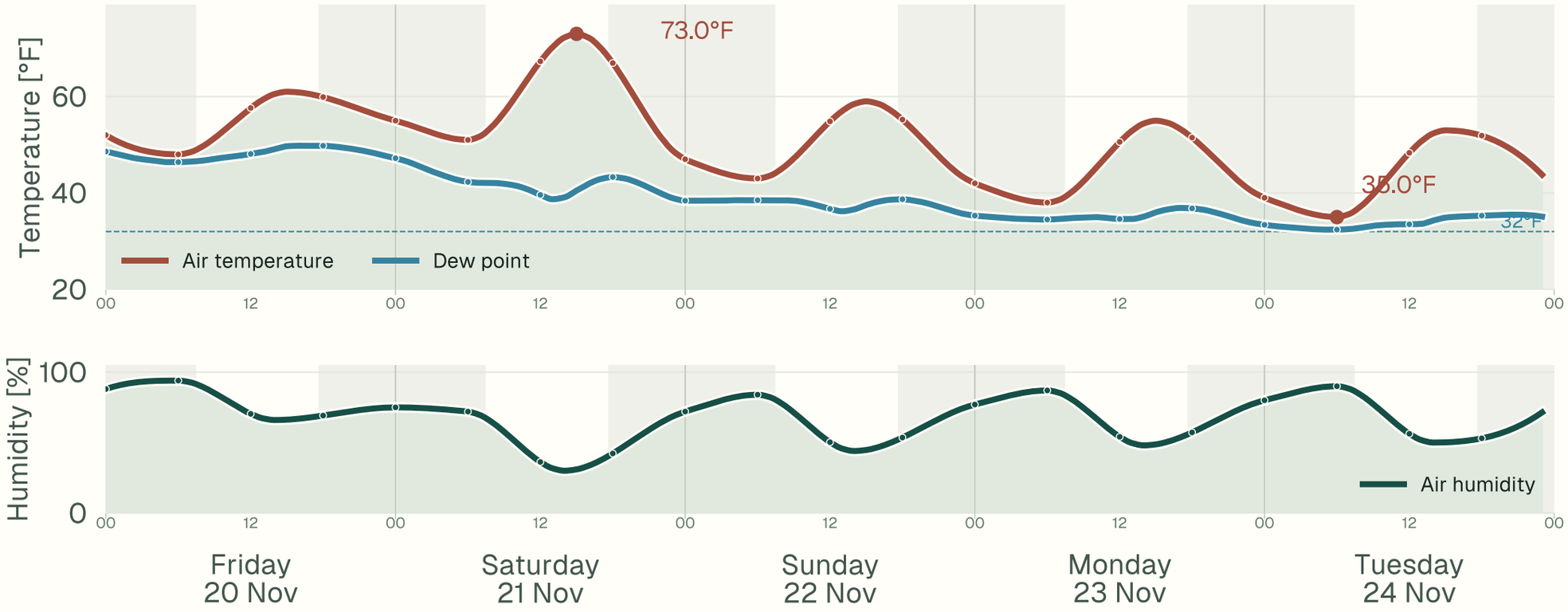
Gold means sunshine

Gold bars: sunshine hours. Pale bars behind them: full day length. The lower chart shows solar radiation intensity, not temperature.

COOL MORNINGS

A sharp cooling follows Saturday's warmth.

Saturday 15:00: 73.0°F. Tuesday 06:00: 35.0°F. Air temperature stays above 32°F throughout this period.



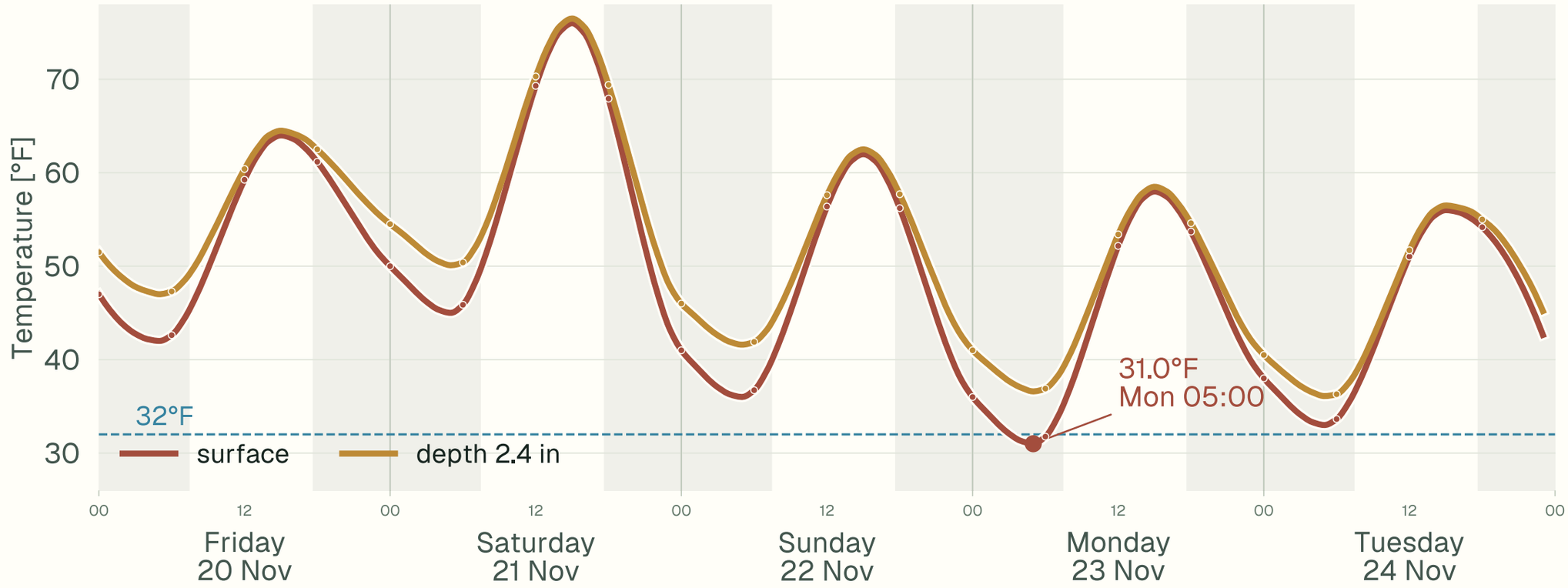
Cold and wind together

Tuesday 06:00: 35.0°F, wind 5.6 mph, humidity 90%. These are synthetic values, not a cattle-stress assessment or pen measurement.

AIR VERSUS SURFACE

Only the surface falls below 32°F, not the air.

Monday 04:00–06:00: the surface is below 32°F. Minimum 31.0°F at 05:00.



What this does not prove	Surface temperature is not water temperature in the troughs. The data do not confirm ice, passability or conditions across the ranch.

CONCLUSIONS FROM THE EXAMPLE

Saturday wind. Then cooler nights.

The main changes over the five-day period.



Generated illustration, not a photograph of the ranch.

Strongest wind

Saturday 21 Nov, 19:00–20:00: gusts up to 36.0 mph. By Monday the daily maximum falls to 19.0 mph.

Coldest hours

Air: Tuesday 24 Nov at 06:00, 35.0°F. Soil surface: Monday at 05:00, 31.0°F.

Five days without precipitation

The scenario assumes 0.000 in over five days. This does not confirm dry soil or dry ground in the pens.

The data are invented. This example does not describe actual conditions and is not for livestock-management decisions.

IN CLOSING

A demonstration, not a weather forecast.

Scope and brief interpretation notes.

Invented soil-moisture series

In the scenario, moisture in the shallowest soil layer gradually falls from 18.0% to 17.4%. These are assumed values, not measurements or model output.

Synthetic data	All weather and soil values are invented. The dates 20–24 Nov 2026 demonstrate the layout. No forecast or measurements were downloaded.
Not for decisions	The example describes neither current nor future weather. It does not replace official weather warnings or current agency bulletins.
Conditions on site	No updates, monitoring or alerts. No ranch measurements. The example does not confirm ice, passability or safe working conditions.
Livestock decisions	The example shows the report format. It is neither a technical assessment nor veterinary advice. The rancher decides on cattle management and work.

LEGAL NOTICE AND SCOPE OF RESPONSIBILITY

Supporting information. Not permission to work.

How to interpret the report and the limits of responsibility.

This report presents an entirely synthetic demonstration scenario, not an actual forecast or measurements. It is not for livestock-management or ranch-work decisions. The report does not guarantee particular weather, successful work or freedom from loss.

It is not a safety certificate, official warning or permission to carry out work. The assessment covers only the stated parameters and criteria. A hazard not assessed may still be present.

An authorised person decides whether to start, continue, change or stop work after checking actual conditions, official warnings, regulations, equipment instructions and procedures on site. This does not replace Synoptar's responsibility for the proper performance of its own service.

Changes in location, timing, equipment, criteria, forecast or conditions on site may require a new assessment. The report is not updated automatically and is not an alert system unless a separate monitoring scope has been expressly agreed.

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