



SkyWise

Weather as a Service[®] (WaaS[®])

Making a Difference in Precision Ag



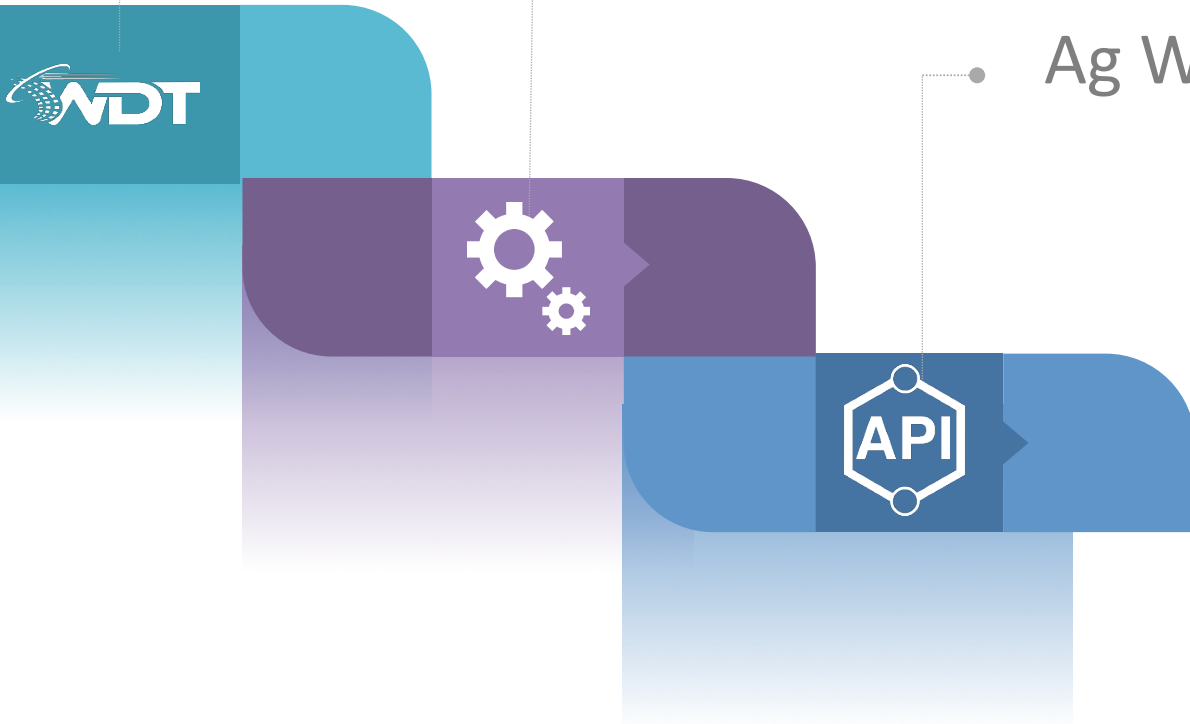
SkyWise – Weather as a Service

DELIVERING PRECISION WEATHER ANALYTICS TO THE AG INDUSTRY

- Our Expertise

- Analytics Toolkit

- Ag Weather API



SkyWise

Higher Resolution, More Accurate Weather Analytics for Precision Ag

API AND ANALYTICS TOOLKIT FOR AG DEVELOPERS AND PROVIDERS

Descriptive

Predictive

Prescriptive

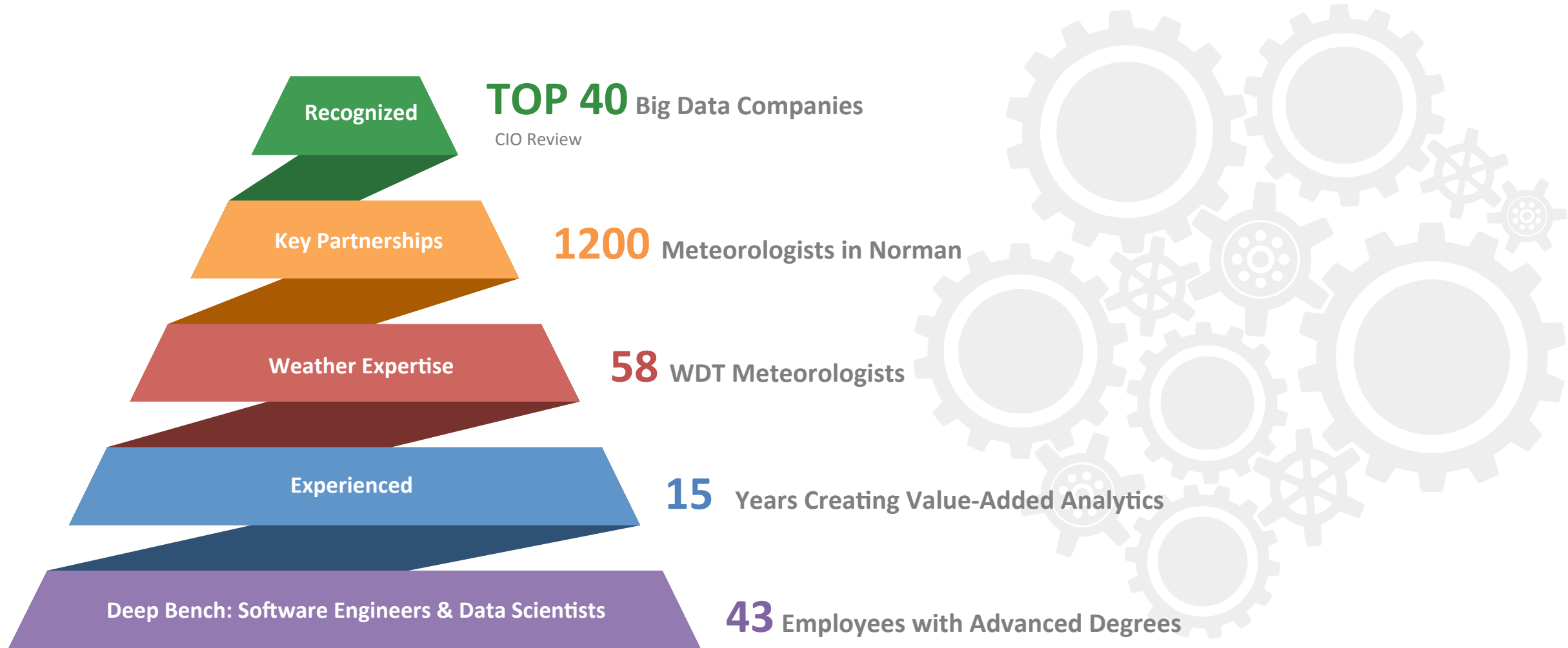


SkyWise

Weather as a Service® (WaaS®)

Who is WDT?

DEEP DATA GRINDERS FROM THE BEGINNING



Pushing the Boundaries

DELIVERING VERY ACCURATE AND HIGH RESOLUTION WEATHER ANALYTICS TO THE AG INDUSTRY



Accurate



High Resolution



Easy to Use



SkyWise

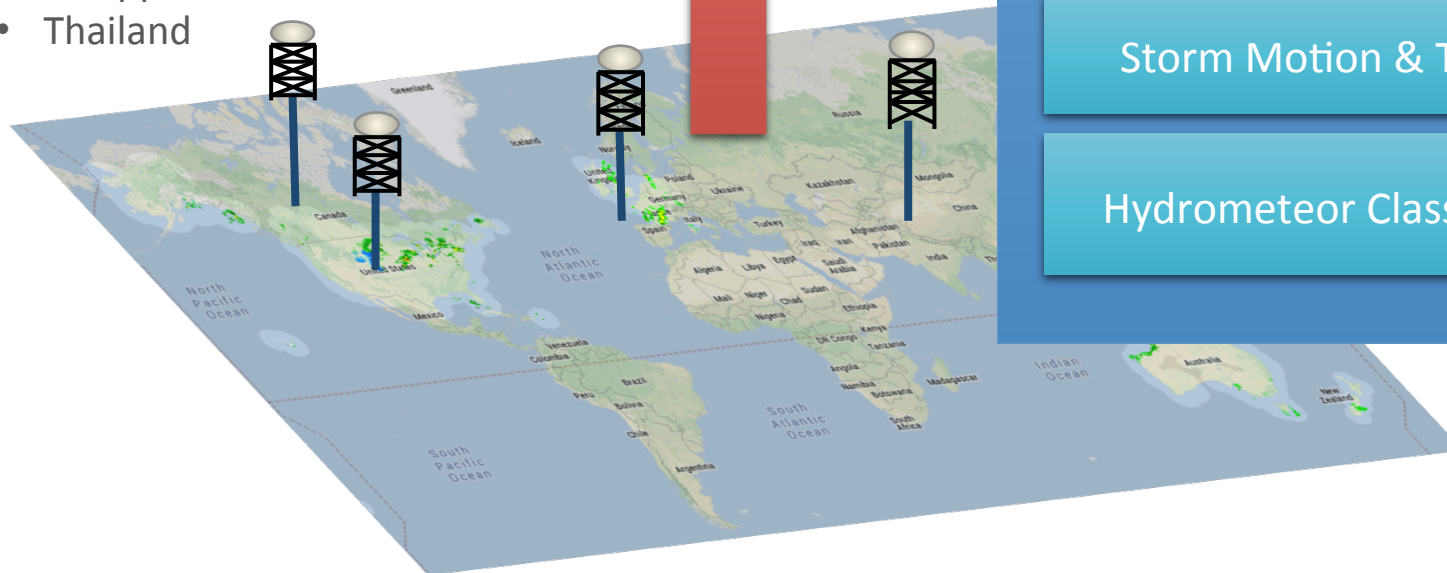
Doppler Radar-Based Analytics

Expertise in accessing, processing and creating hazardous weather analytics from Doppler Radar
No other weather company has similar analytics or WDT's broad global coverage.



Ingesting **344** radar sites from
7 manufacturers

- US
- Canada
- Australia
- New Zealand
- Indonesia
- Europe
- Japan
- Philippines
- Thailand



Advanced Radar & Storm Analysis System

Mosaics

Rain/Snow

Hail/Tornadoes

Storm Motion & Tracking

Hydrometeor Classification



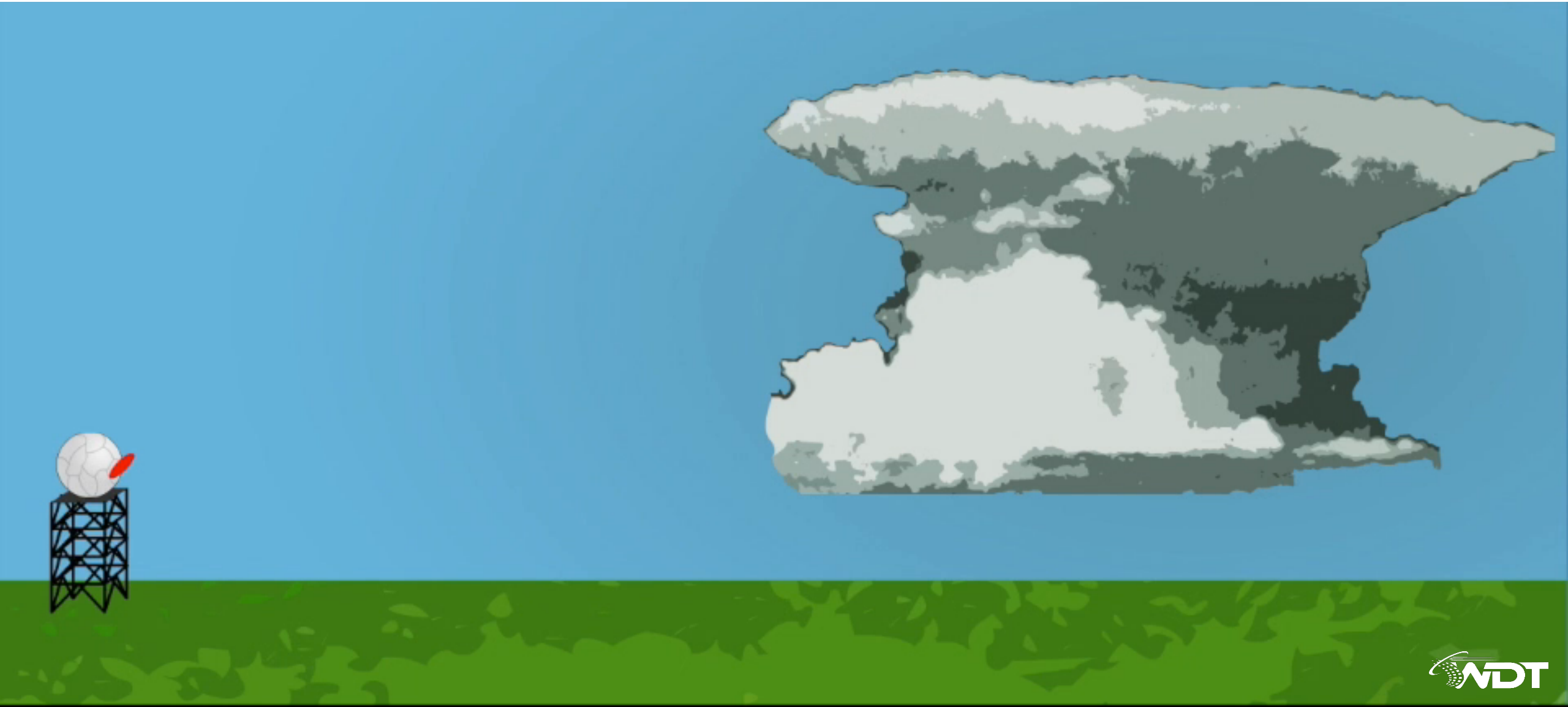
Data store

Display

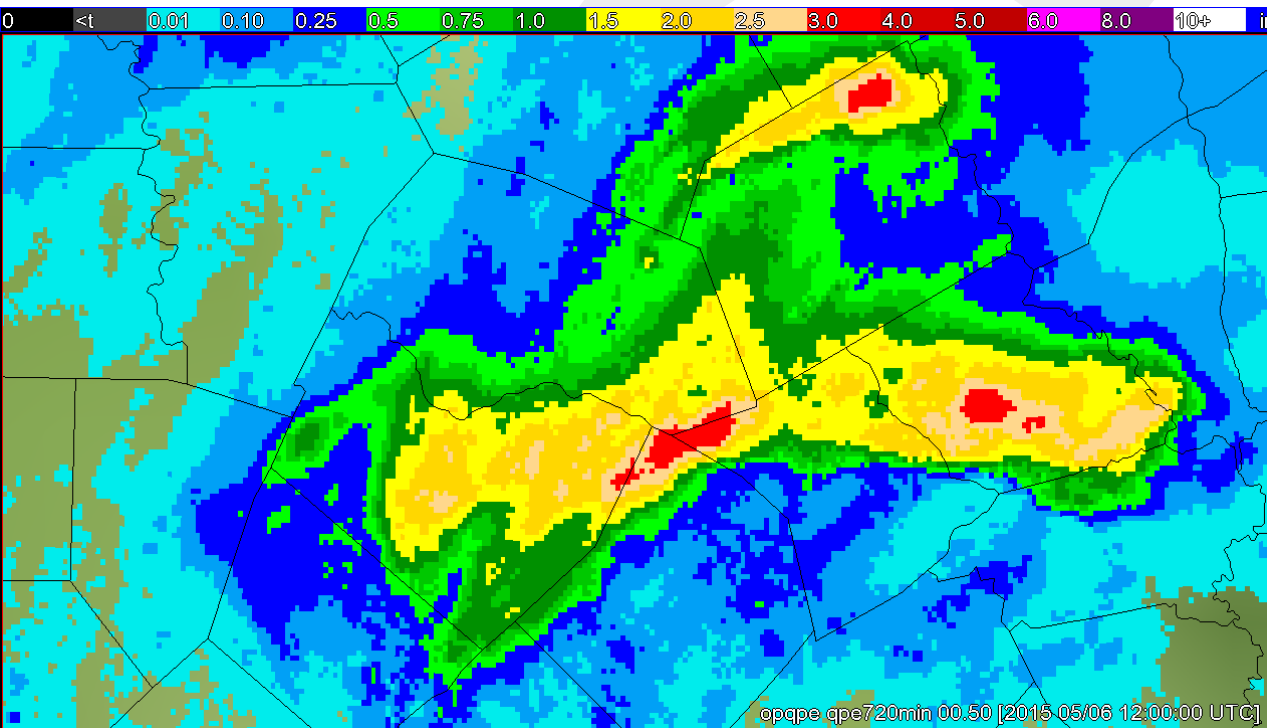


Dual Polarized Radars – USA WSR-88D Network of 144 Radars

New Dual Polarized Capability of US Doppler Radar Network Provides Superior Precipitation Estimates

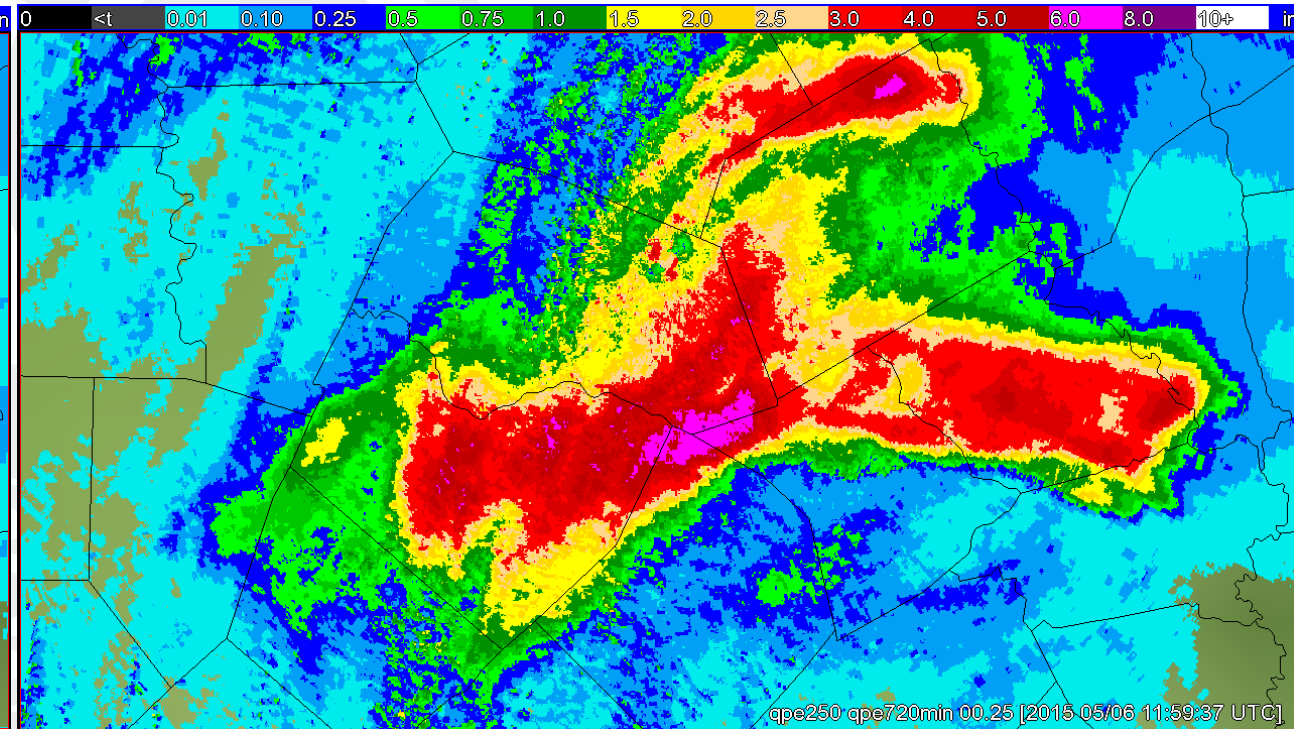


STANDARD 1KM RAINFALL



1.01" average error for rain estimates >1 inch

WDT PATENTED DUAL POL 250M RAINFALL

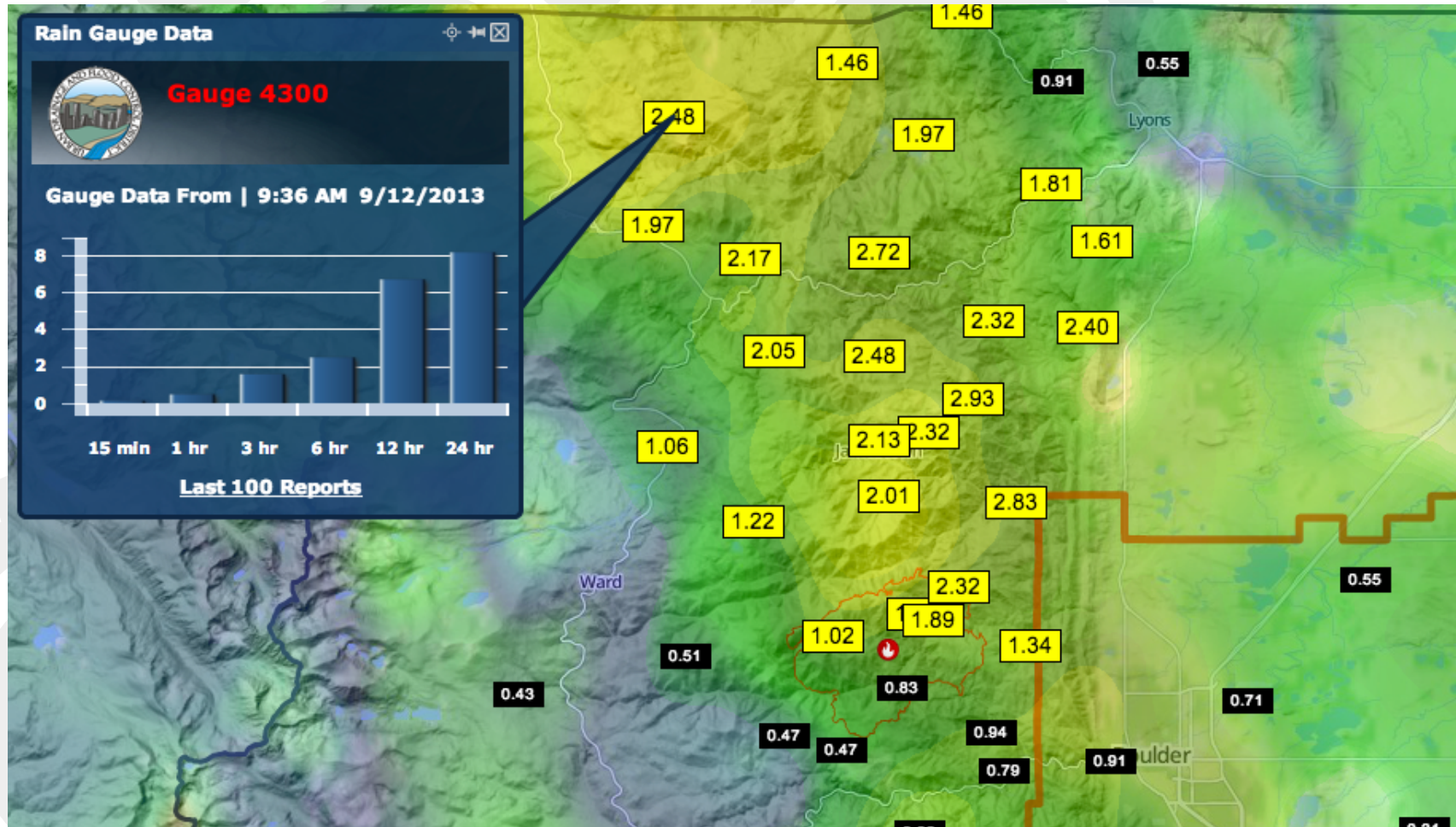


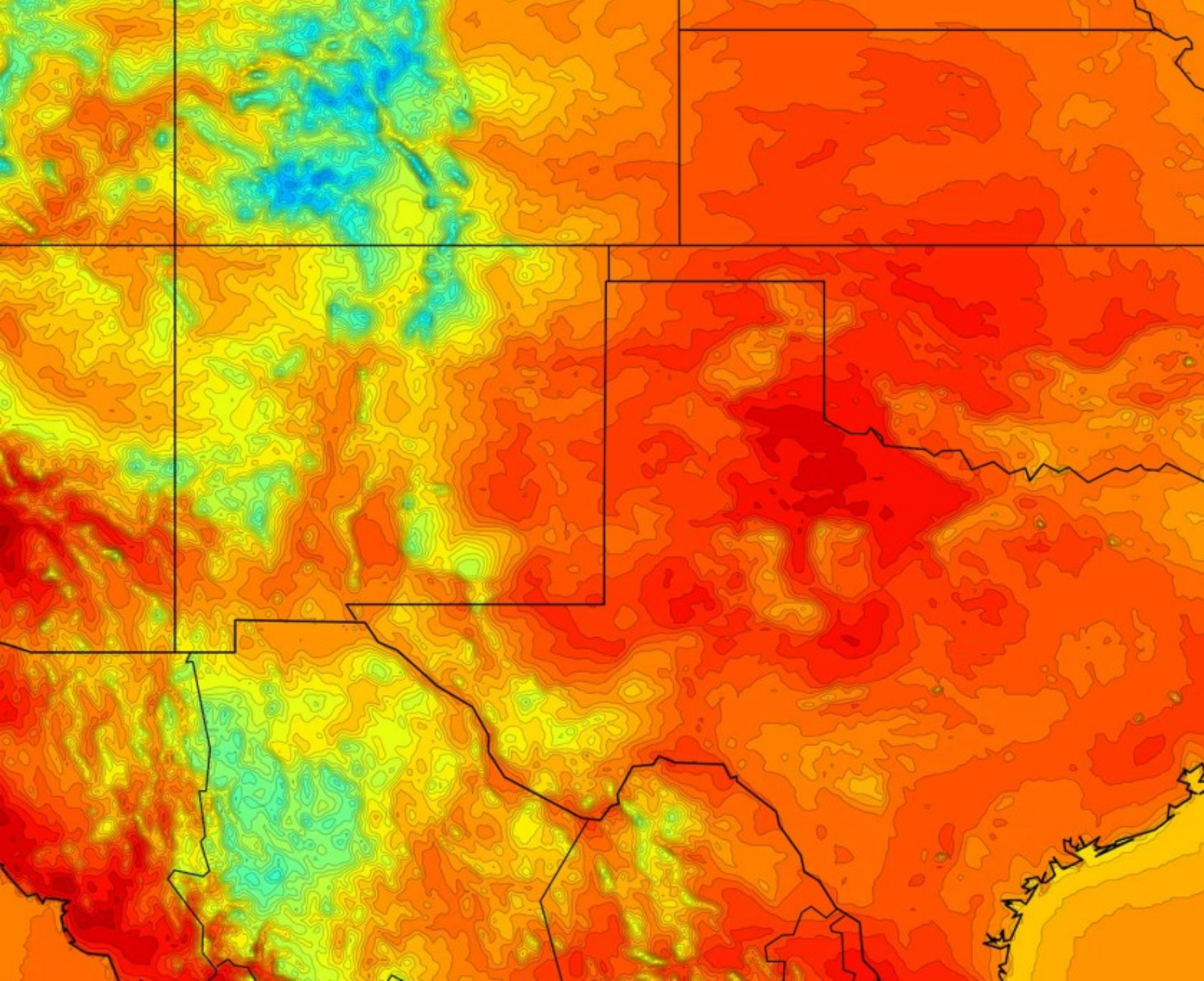
Dual pol 0.25" error



RAIN GAUGE CORRECTED: Combining 14,000 Rain Gauges with Dual Pol Rainfall Provides Excellent Results, Near Zero Bias at Rain Gauge Locations

Adding Rain Gauges on a Daily Basis, Easy to Add Your Network or Gauge





Capability to Resolve Past,
Current and Forecast Conditions
at Very High Resolution (1- 5 km)

- Temperature
- Winds
- Humidity
- Dew Point
- Rainfall or Snowfall
- Solar Radiation

WEATHER ANALYTICS TOOLKIT

UP TO 30 YEARS ARCHIVED DATA FOR TRAINING, TESTING & VALIDATION



High Resolution Rainfall
Data (1 km)

5 yrs

High Resolution Gridded
CONUS Obs (2.5 km)

7 yrs

Global obs for over
140,000+ stations

30 yrs





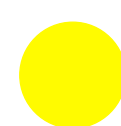
Field level GDD

3 yrs

SkyWise

BIG DATA SOLUTION FOR PRECISION AG

AG WEATHER API

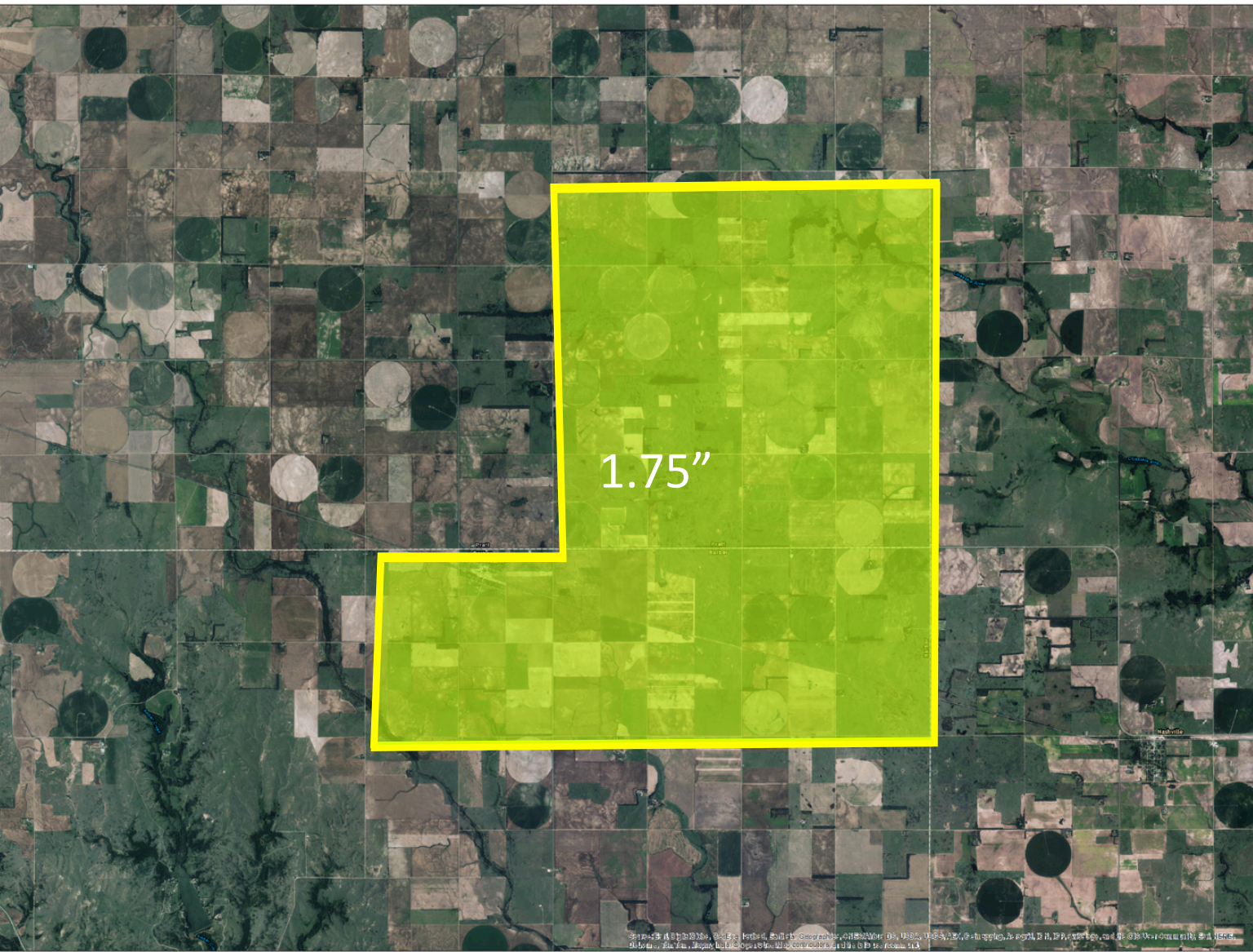
-  Historical
-  Current & Forecast Conditions (hourly, daily out to 60 days)
-  Growing Degree Days
-  Rainfall
-  Solar Radiation




SkyWise

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A BIG DATA SOLUTION FOR PRECISION FARMING



AG WEATHER API
Provides Past, Present
and Future Conditions on
a Field Level

-  Representative Value for field
-  Intra-Field Variability
in Vector Format

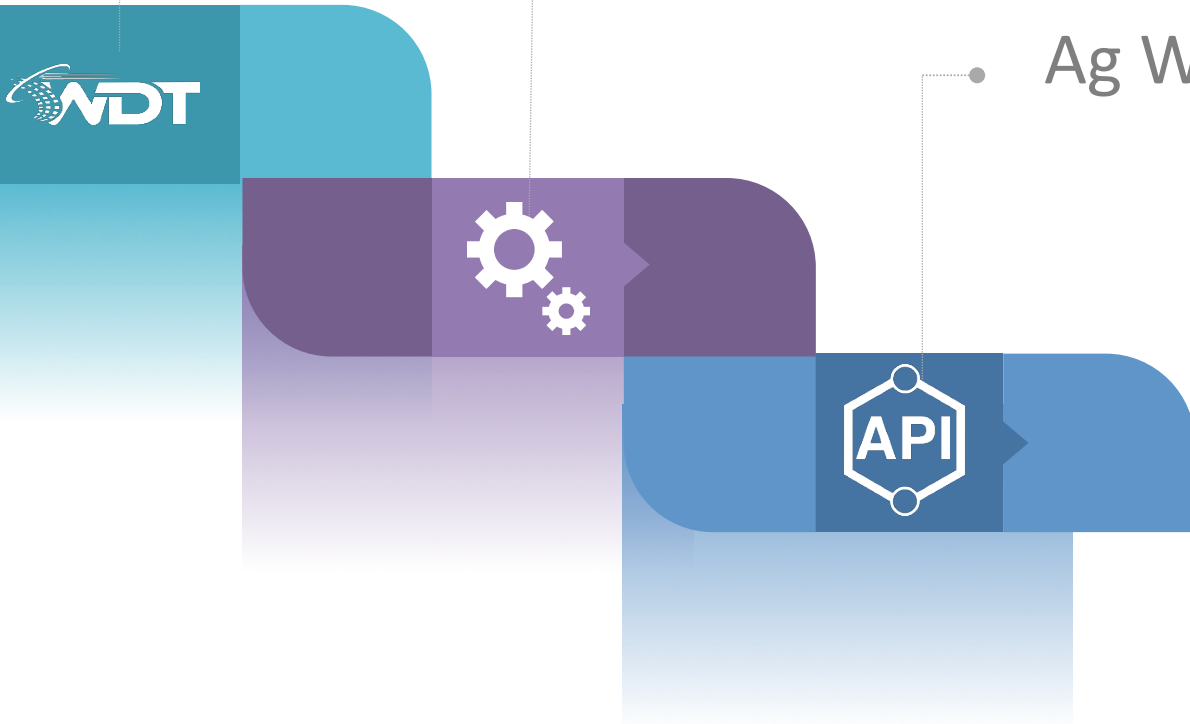
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Get in Touch

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