StrewnLAB Bulletin — Novo mesto, Slovenia

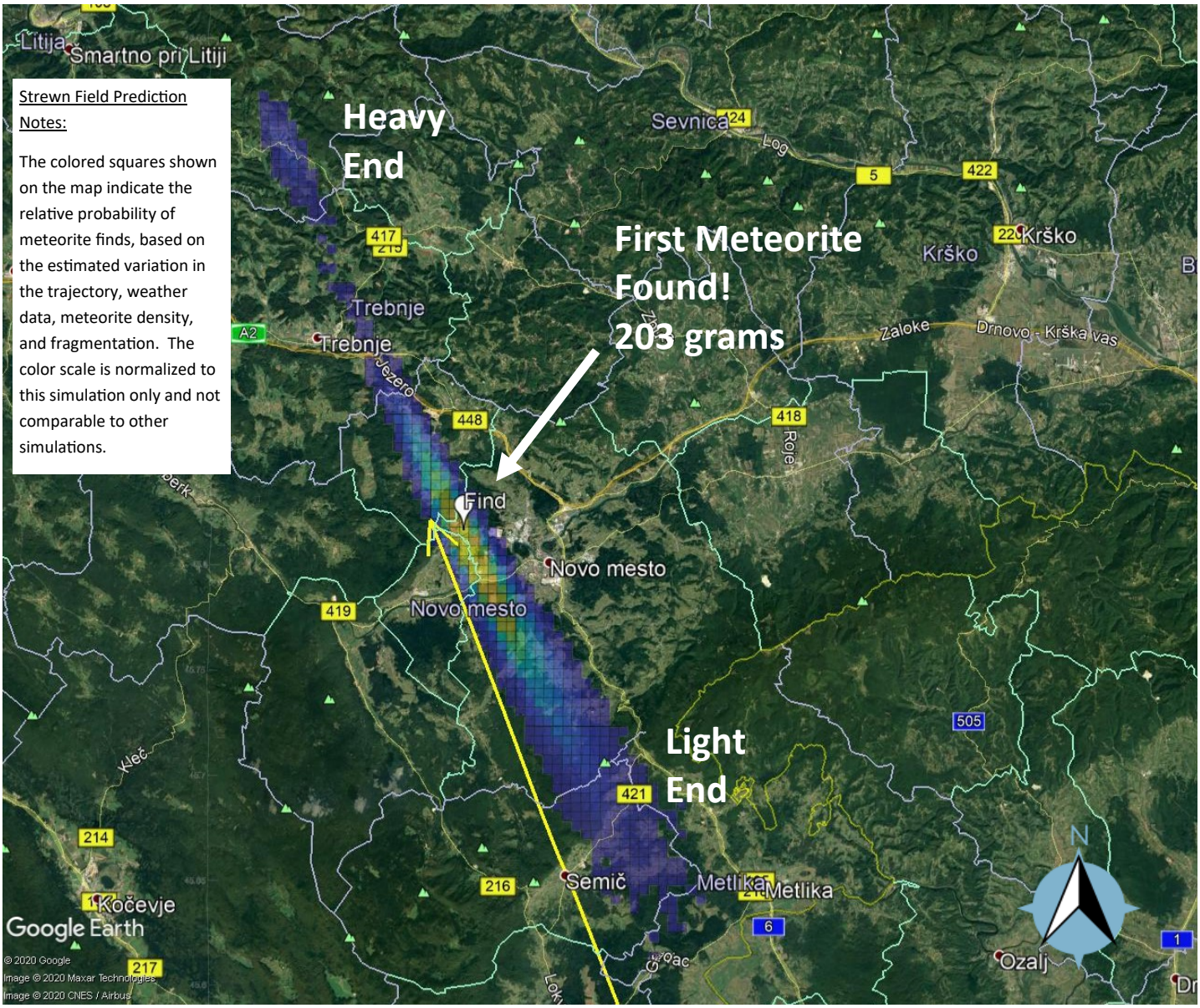
Version 4.0 | March 4, 2020 06:00 UTC

Trajectory Data:

Date/Time UTC	02/28/2020 09:30:34
Local Date/Time (+2.0)	02/28/2020 10:30:34 AM
Reference Latitude	45.82115°N ± 0.00395°
Reference Longitude	15.1022°E ± 0.0183°
Reference Altitude	24.35 ± 2 km
Estimated Energy/Mass	0.34 kt / 6141 kg
Bearing (Heading)	339° ± 1° NNW
Incidence Angle	42.465° ± 0.04° from vertical
Entry Speed	21.53 ± 2 km/s

Strewn Field Prediction Data:

Simulation Engineer	Jim Goodall
Trajectory Data Sources	**CNEOS** **Zagreb Dashcam** **Camp Tredue Video** **Lucrezia Dashcam** **Seismic Data from Pat Branch**
Weather Data Source	IGRA Weather Balloon Data
Simulation Type	Monte Carlo, Unknown Meteoroid
Simulation Data Count	- scenarios / - fragments



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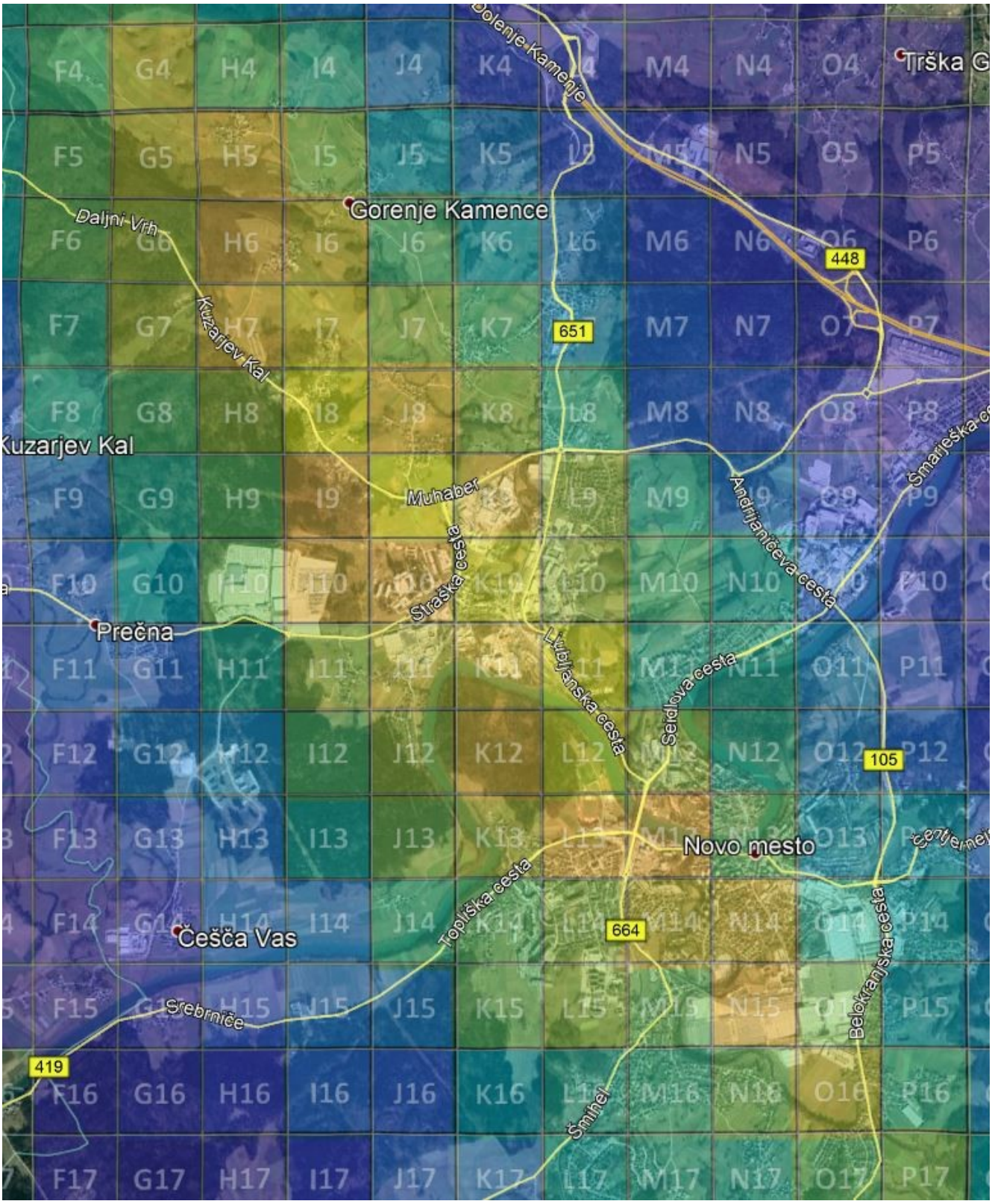
Yellow Zone Search Grid:



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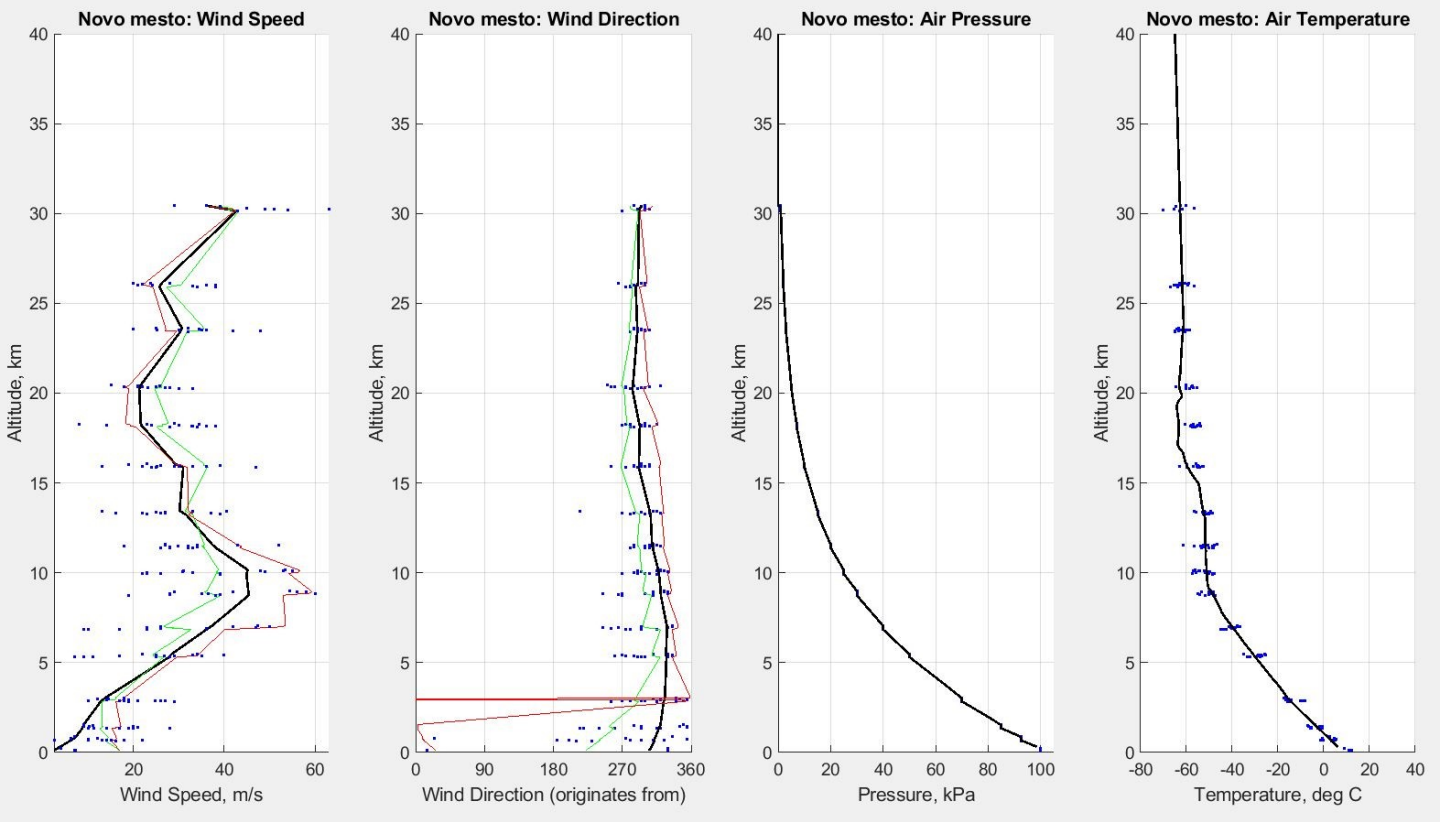
Weather Data Summary:

Windspeed variation included: ±1.5σ



Version Log:

Date	Version	Change Notes	Author(s)
03/02/2020	3	First three versions were released on the website, without bulletins.	Jim Goodall
03/4/2020	4	Minor update to the trajectory to account for the higher elevation of the CNEOS correction.	Jim Goodall

References:

CNEOS: Center for Near Earth Object Studies. c2019. St Paul (MN): Jet Propulsion Laboratory, California Institute of Technology; [accessed 03 MAR 2020]. https://cneos.jpl.nasa.gov/fireballs/.

IGRA Radiosonde Database. c2019. National Centers for Environment Information, National Oceanic and Atmostspheric Administration. https://www.ncdc.noaa.gov/data-access/weather-balloon/integrated-global-radiosonde-archive.