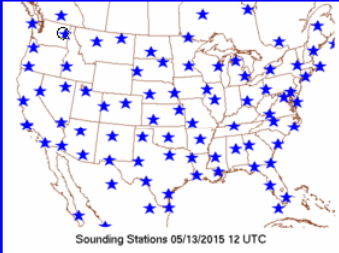


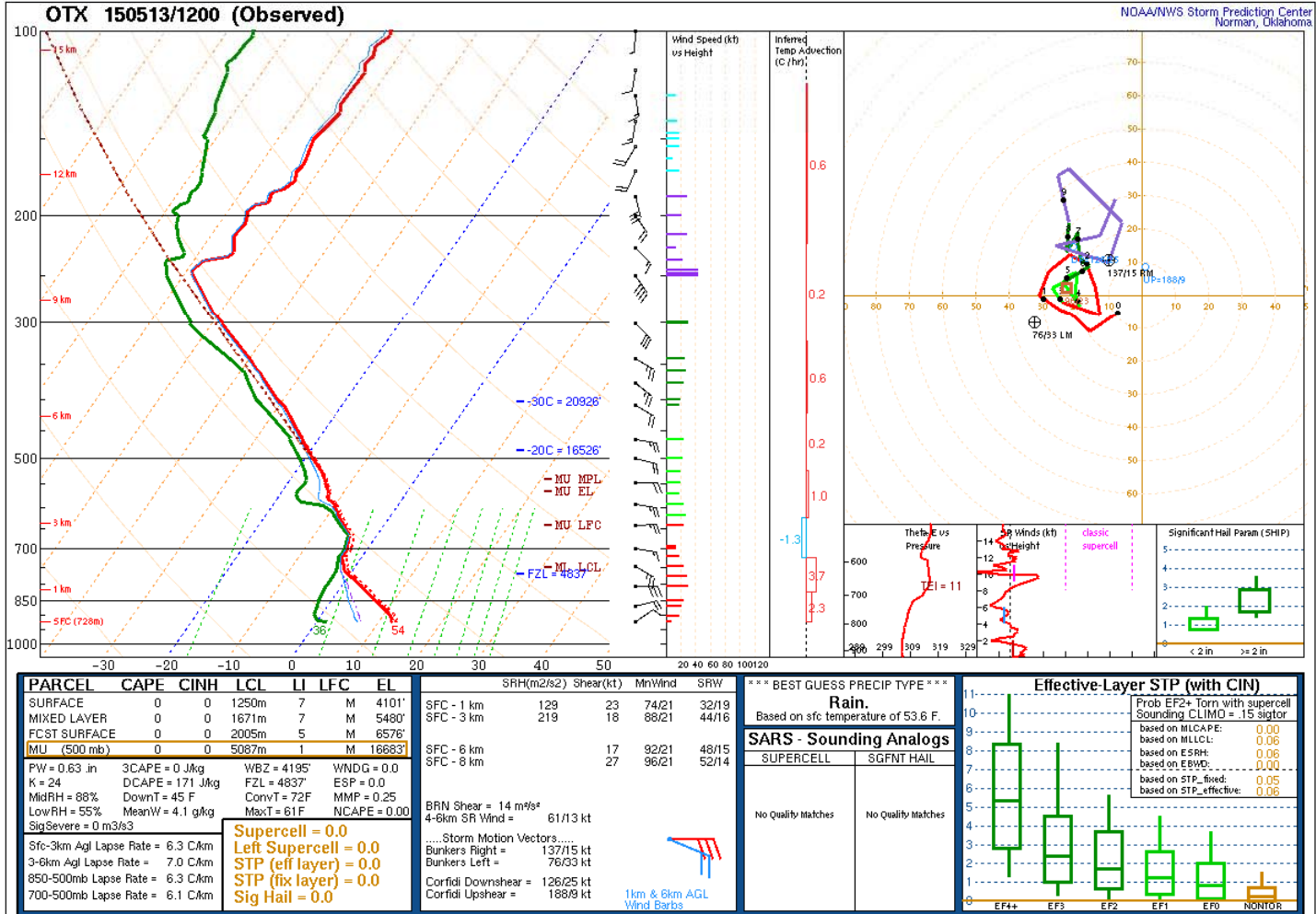
Sounding Analysis Page

NWS / Storm Prediction Center
Norman, Oklahoma

Observed Radiosonde Data 05/13/2015 12 UTC



Choose another date/time period



Click [here](#) for a description of this page.

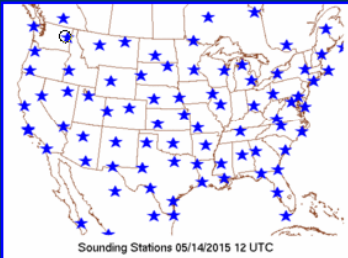
Contacts for this resource: [John Hart](#) and [Rich Thompson](#)

OTX Tabular Data

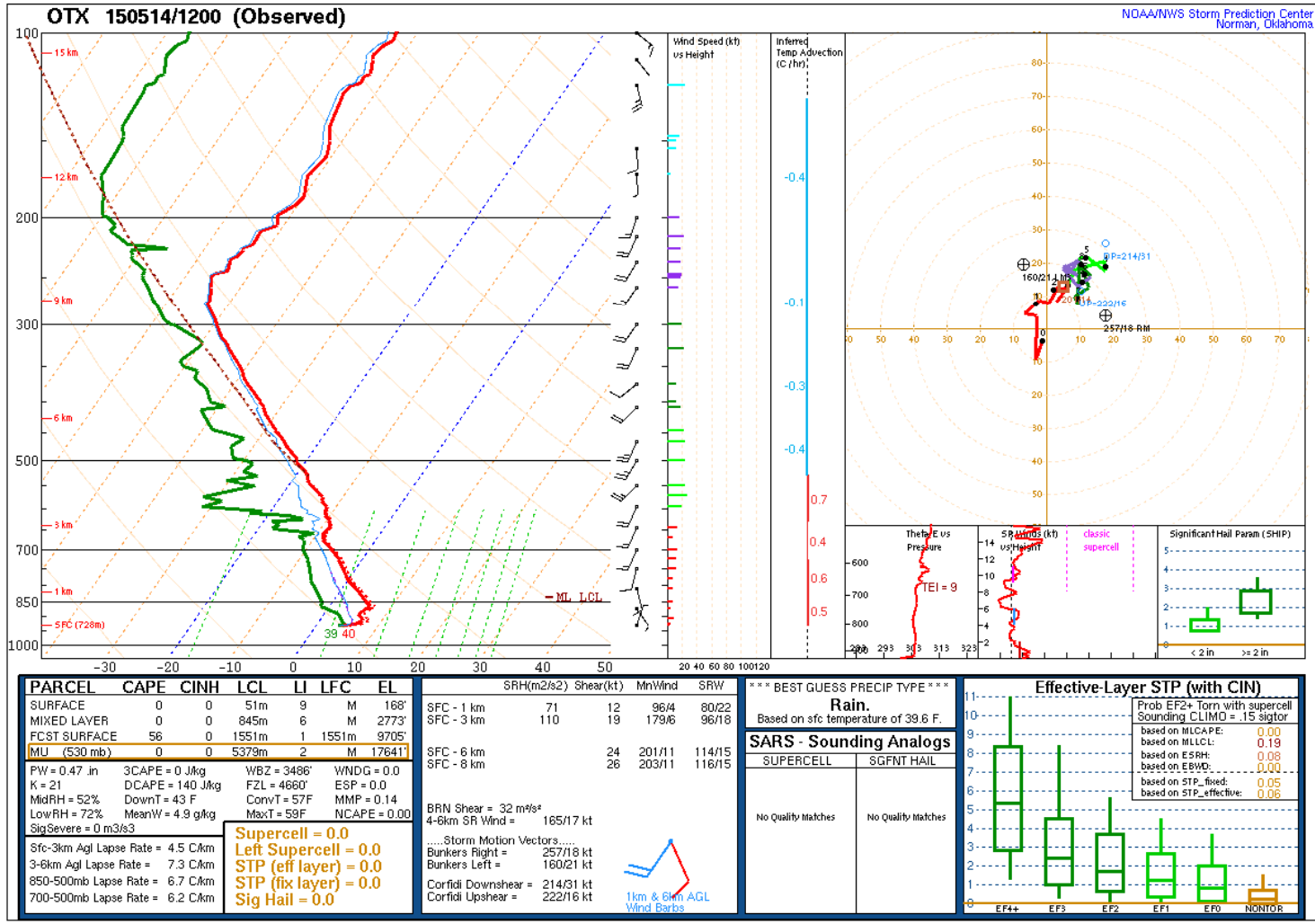
Sounding Analysis Page

NWS / Storm Prediction Center
 Norman, Oklahoma

Observed Radiosonde Data 05/14/2015 12 UTC



Choose another date/time period



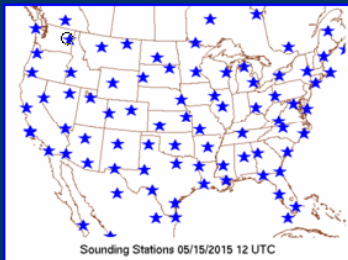
Click [here](#) for a description of this page.

Contacts for this resource: [John Hart](#) and [Rich Thompson](#)

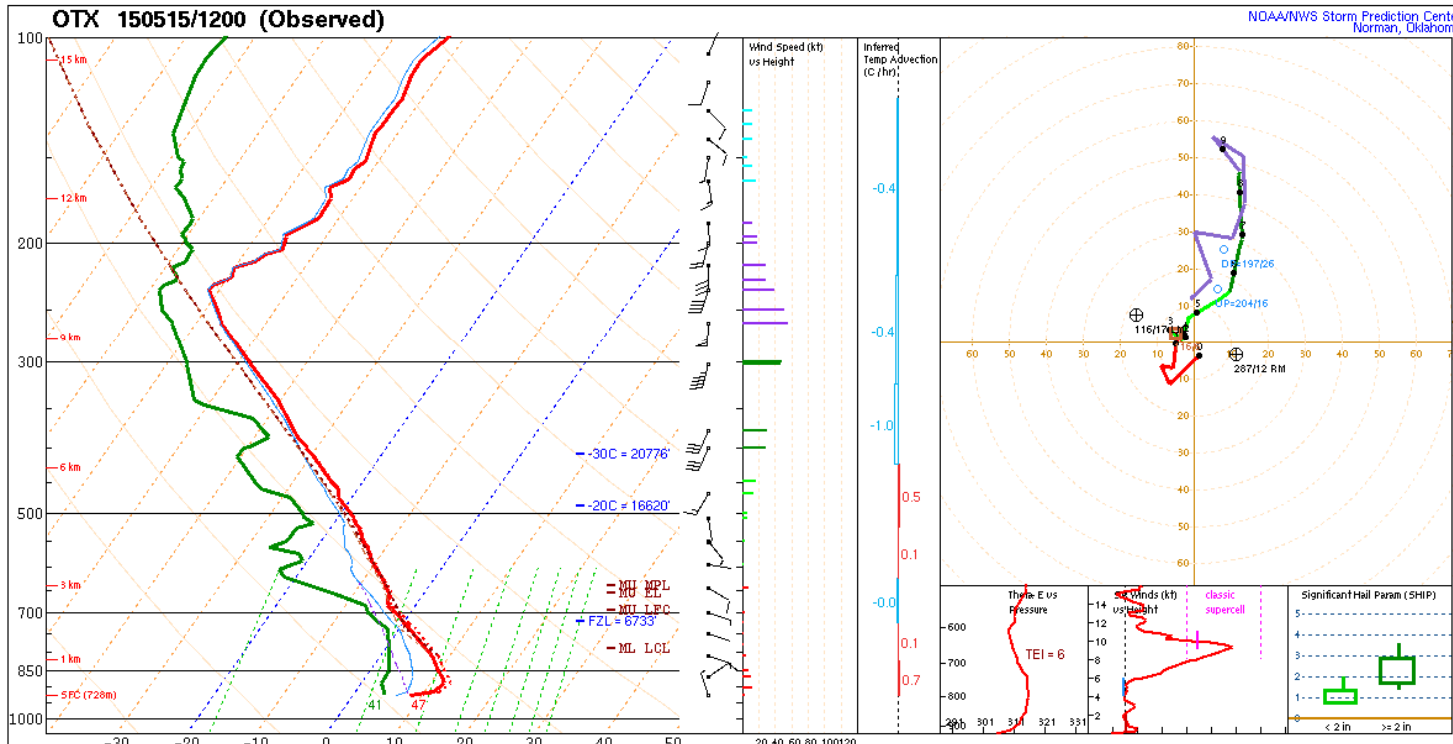
Sounding Analysis Page

NWS / Storm Prediction Center
Norman, Oklahoma

Observed Radiosonde Data 05/15/2015 12 UTC



Choose another date/time period



PARCEL	CAPE	CINH	LCL	LI	LFC	EL	SRH(m2/s2)	Shear(kt)	MnWind	SRW	*** BEST GUESS PRECIP TYPE ***	
SURFACE	0	0	459m	7	M	1505'	SFC - 1 km	33	7	42/9	80/17	Rain. Based on sfc temperature of 47.1 F.
MIXED LAYER	0	0	1291m	3	M	4233'	SFC - 3 km	46	11	70/5	96/16	
FCST SURFACE	134	0	1934m	-0	1934m	23552'	SFC - 6 km	25	107/3	107/15	SARS - Sounding Analogs	
MU (805 mb)	4	-24	1887m	1	2326m	9163'	SFC - 8 km	46	162/4	117/14		SUPERCELL
PW = 0.61 in 3CAPE = 0 J/kg WBZ = 6110' WNDG = 0.0 K = 27 DCAPE = 466 J/kg FZL = 6733' ESP = 0.0 MidRH = 55% DownT = 47 F ConvT = 68F MMP = 0.23 LowRH = 63% MeanW = 5.6 g/kg MaxT = 68F NCAPE = 0.01 SigSevere = 0 m3/s3							BRN Shear = 12 m/s² 4-6km SR Wind = 141/15 kt Storm Motion Vectors: Bunkers Right = 287/12 kt Bunkers Left = 116/17 kt Corfidi Downshear = 197/26 kt Corfidi Upshear = 204/16 kt		No Quality Matches No Quality Matches			
Sfc-3km Agl Lapse Rate = 5.1 C/km 3-6km Agl Lapse Rate = 7.1 C/km 850-500mb Lapse Rate = 7.0 C/km 700-500mb Lapse Rate = 6.5 C/km							1km & 6km AGL Wind Barbs		Effective-Layer STP (with CIN) Prob EF2+ Torn with supercell Sounding CLIMO = .15 sigtor based on MLCAPE: 0.00 based on MLCL: 0.10 based on ESRH: 0.08 based on EBWD: 0.00 based on STP_fixed: 0.00 based on STP_effective: 0.06			

OTX Tabular Data

Click [here](#) for a description of this page.

Contacts for this resource: [John Hart](#) and [Rich Thompson](#)

FLIGHT SIMULATION SETUP

FLIGHT INFORMATION

Launch date and time (local time)

May 2015

Su	Mo	Tu	We	Th	Fr	Sa
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

Time: 08:48

Hour:

Minute:

Gas type: Helium Hydrogen

Balloon model: TA300 (300g)

Parachute model: Totex 5012-05 / 57

Payload weight: 655 kg

Nozzle lift: 9825 kg

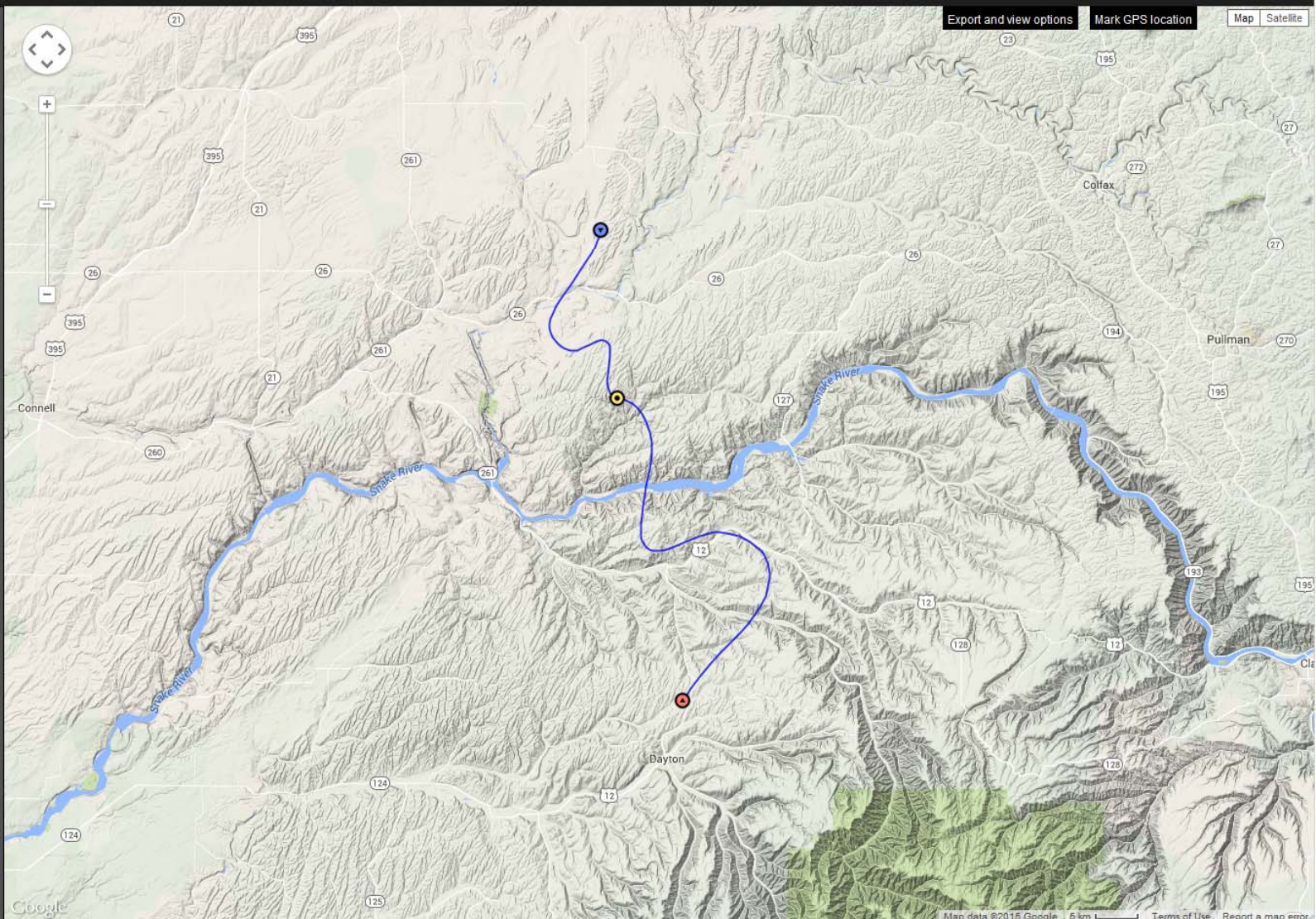
Train equivalent sphere diameter: 2 m

LAUNCH SITE

WEATHER DATA

SIMULATION SETTINGS

RUN THE SIMULATION





ASTRA High Altitude Balloon Flight Planner

Created by Nicolò Zapponi • Status updates on Twitter
How does it work? • Report a bug • Credits • Terms of use • Cookies regulations

FLIGHT SIMULATION SETUP

FLIGHT INFORMATION

Launch date and time (local time)

May 2015

Su	Mo	Tu	We	Th	Fr	Sa
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

Time: 08:28

Hour:

Minute:

Gas type

Helium Hydrogen

Balloon model

TA300 (300g)

Parachute model

Totex 5012-05 / 57

Payload weight

.655 kg

Nozzle lift

.9825 kg

Train equivalent sphere diameter

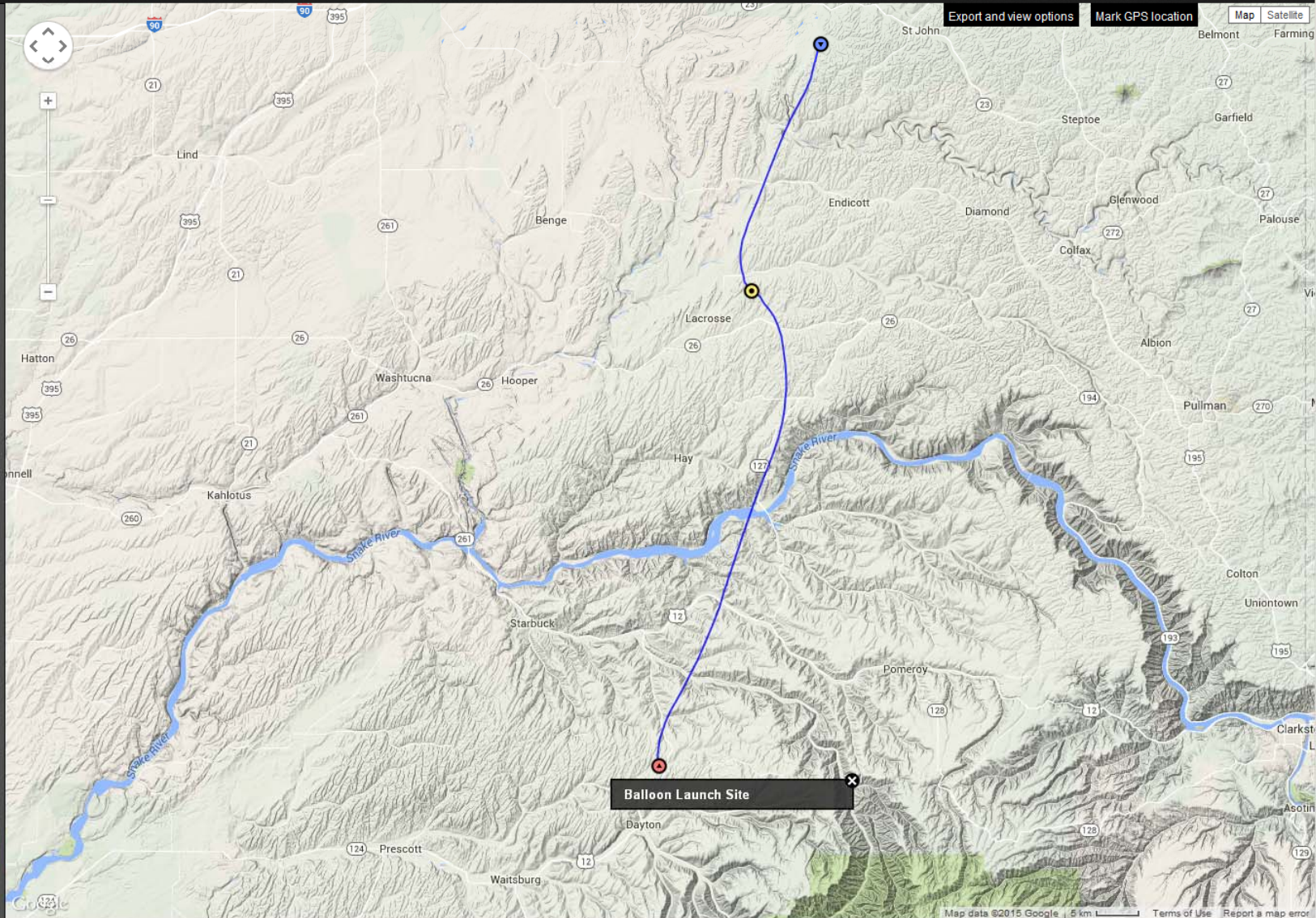
.2 m

LAUNCH SITE

WEATHER DATA

SIMULATION SETTINGS

RUN THE SIMULATION



Map data ©2015 Google | 5 km | Terms of Use | Report a map error



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FLIGHT SIMULATION SETUP

FLIGHT INFORMATION

Launch date and time (local time)

May 2015

Su	Mo	Tu	We	Th	Fr	Sa
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

Time: 07:52

Hour:

Minute:

Gas type

Helium Hydrogen

Balloon model

TA300 (300g)

Parachute model

Totex 5012-05 / 57

Payload weight

.655 kg

Nozzle lift

.9825 kg

Train equivalent sphere diameter

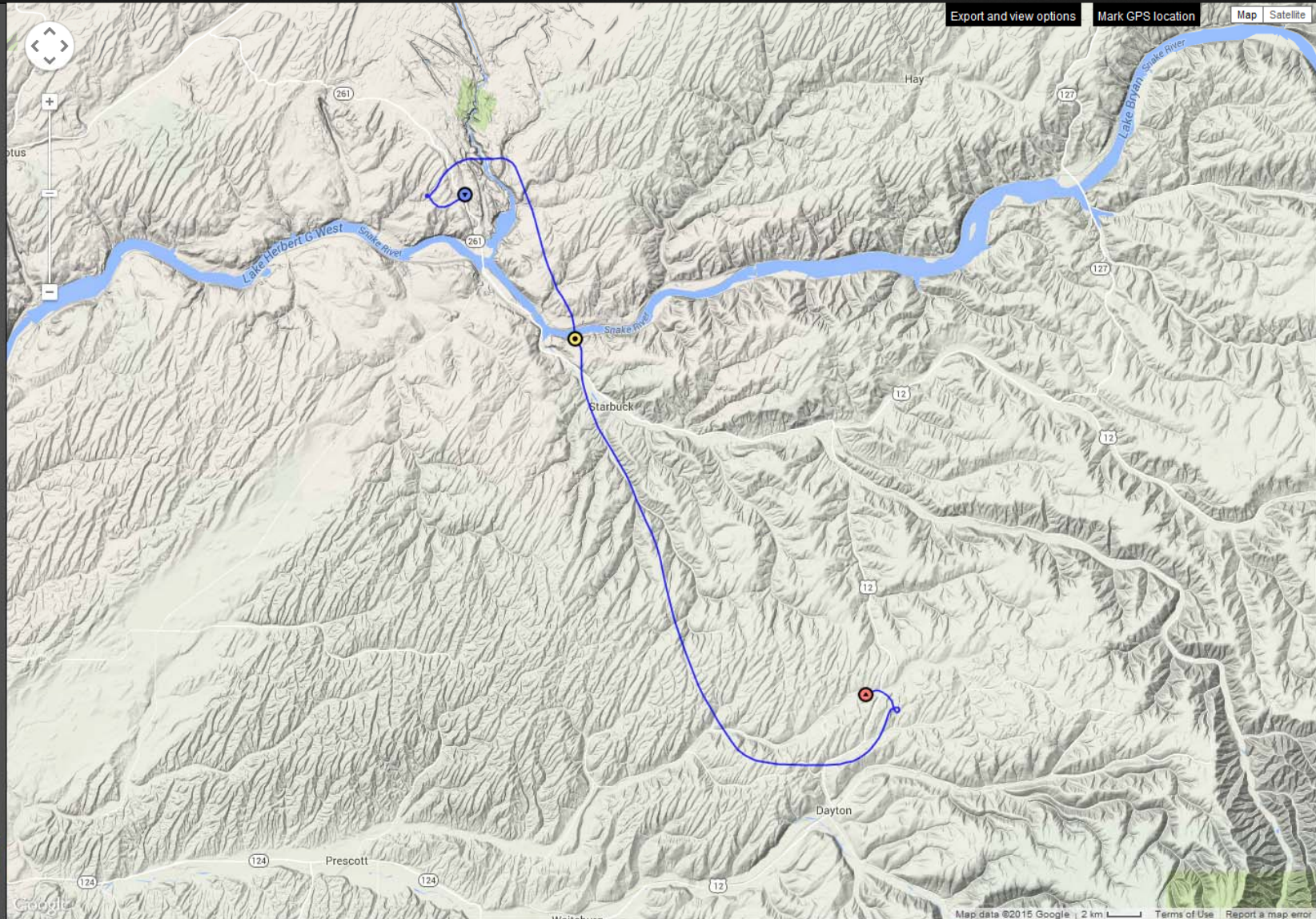
2 m

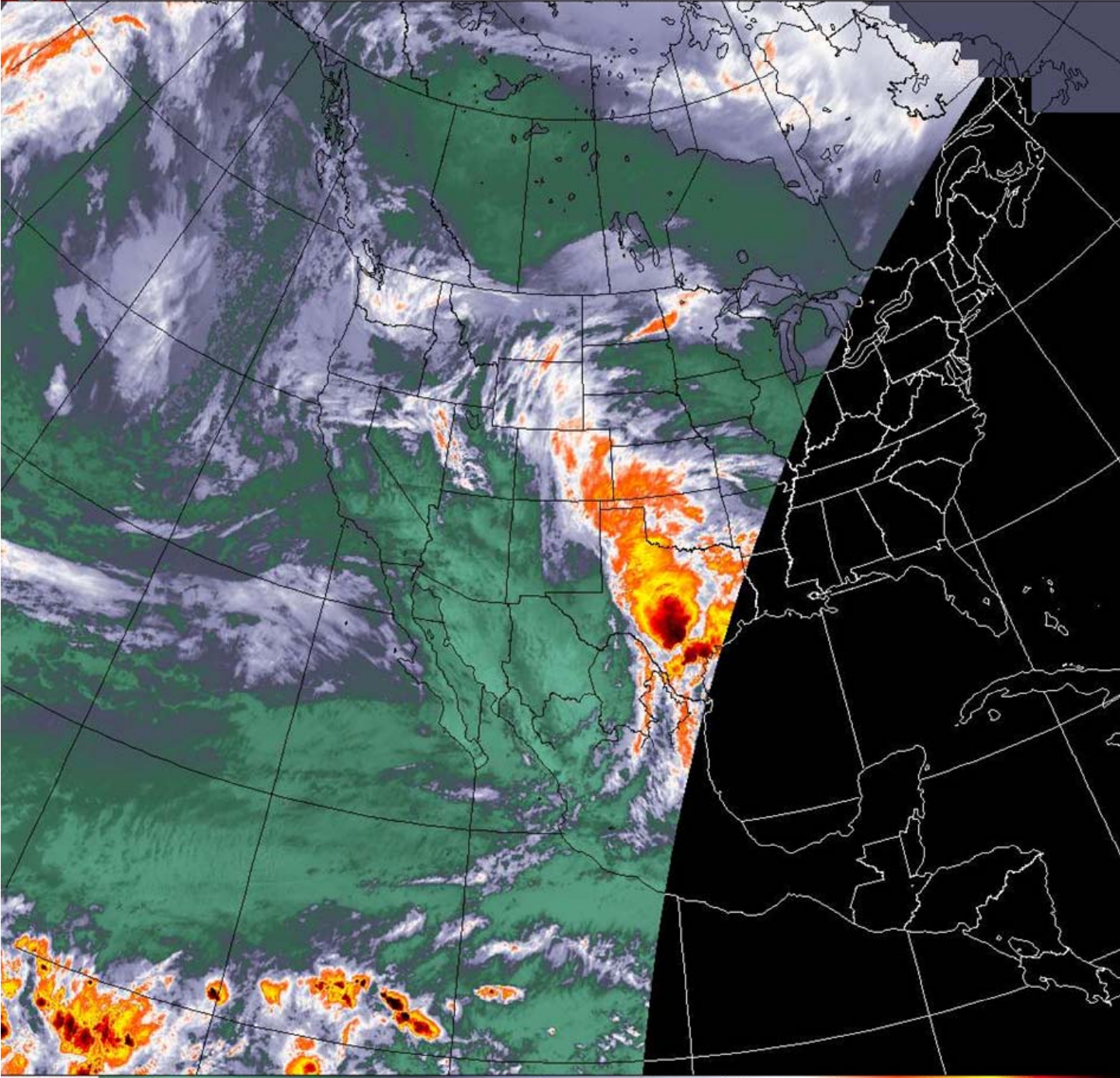
LAUNCH SITE

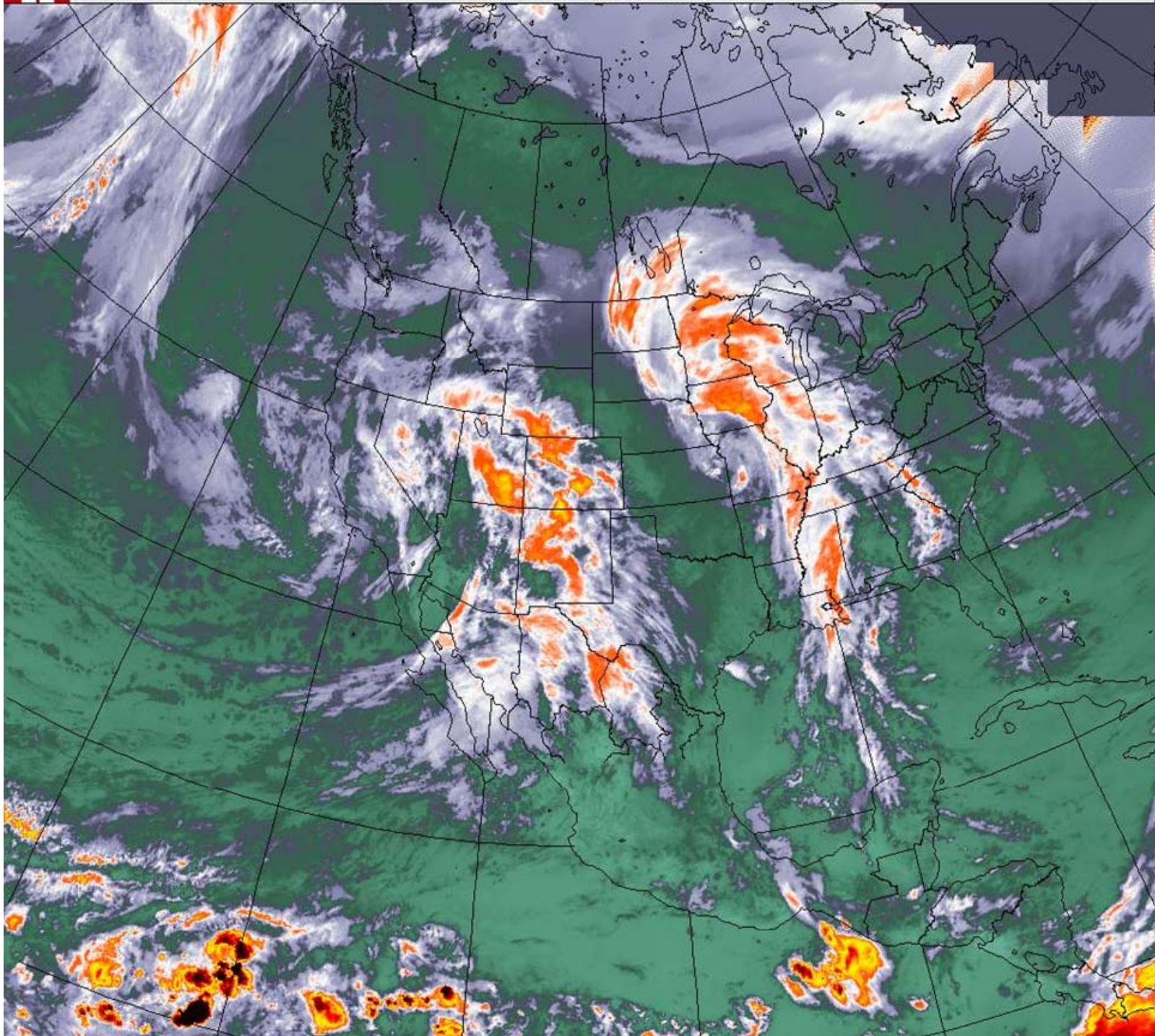
WEATHER DATA

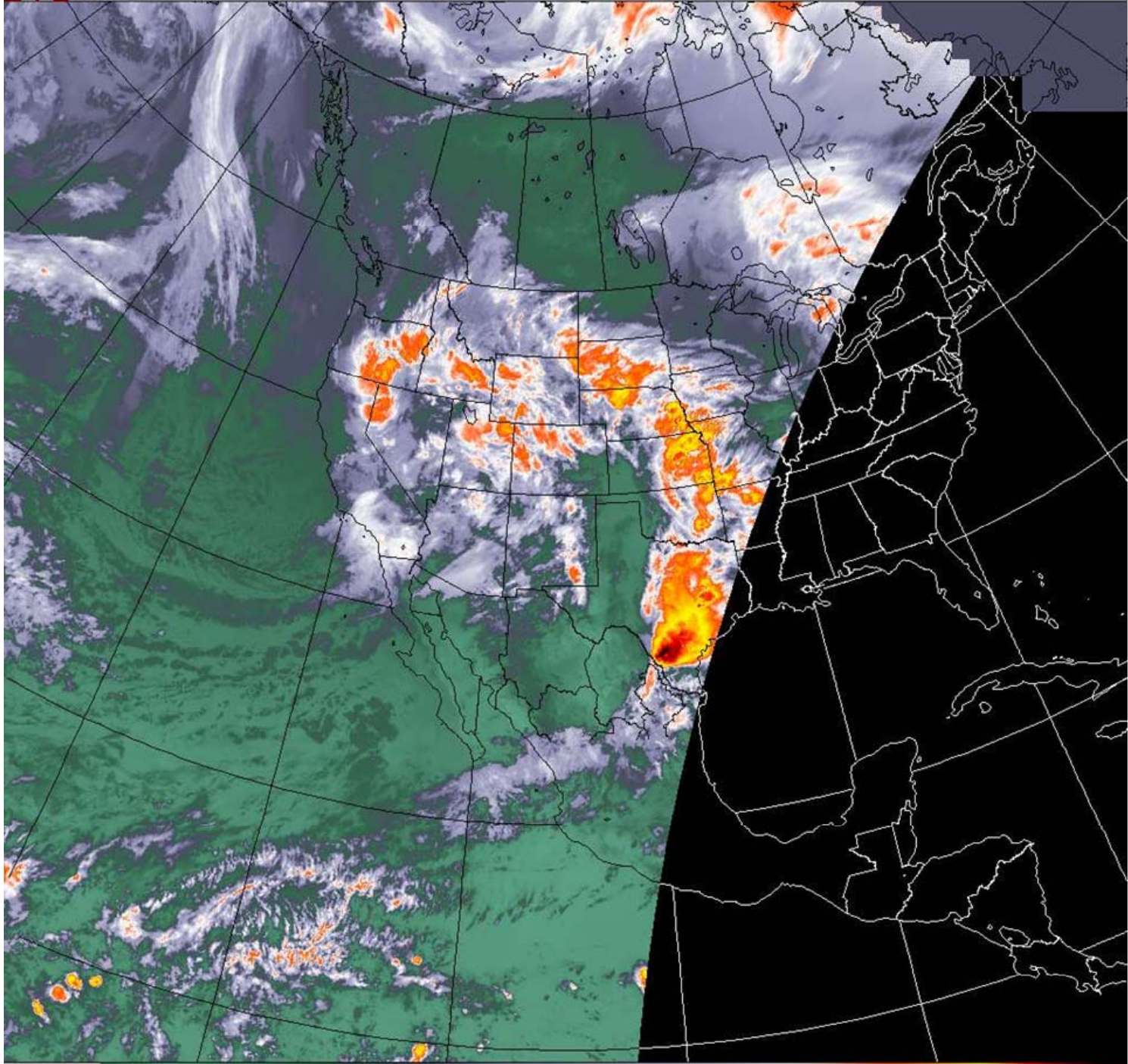
SIMULATION SETTINGS

RUN THE SIMULATION









CELSIUS 29 19 8 -1 -11 -21 -32 -42 -52 -63 -74