The Archive of the Air

Data, the Atmosphere, and Calculated Submission

Dataset: /thredds/ncss/grib/NCEP/GFS/Pacific_40km/best

Select Variable(s):

Var

iables with available Times: 0.0 6.0 12.0 18.0 24.0 30.0 36.0 42.0 48.0 54.0 60.0 66.0 72.0 78.0 84.0 90.0 96.0 102.0 108.0 114.0 120.0 126.0 132.0 138.0 144.0 150.0 156.0 162.0 168.0 174.0 180.0 186.0 192.0 198.0 204.0 210.0 216.0 222.0 228.0 234.0 240.0 246.0 252.0 258.0 264.0 270.0 276.0 282.0 288.0 294.0 300.0 306.0 312.0 318.0 324.0 330.0 336.0 342.0 348.0 354.0 360.0 366.0 372.0 378.0 384.0 390.0 396.0 402.0 408.0 414.0 420.0 426.0 432.0 438.0 444.0 450.0 456.0 462.0 468.0 474.0 480.0 486.0 492.0 498.0 504.0 510.0 516.0 522.0 528.0 534.0 540.0 546.0 552.0 558.0 564.0 570.0 576.0 *Hour since 2016-02-19T00:00:00Z*

Best_4_layer_Lifted_Index_surface = Best (4 layer) Lifted Index @ Ground or water surface
Convective_available_potential_energy_surface = Convective available potential energy @ Ground or water surface
Convective_inhibition_surface = Convective inhibition @ Ground or water surface
Geopotential_height_zeroDegC_isotherm = Geopotential height @ Level of 0°C isotherm
Precipitable_water_entire_atmosphere_single_layer = Precipitable water @ Entire atmosphere layer
Pressure_maximum_wind = Pressure @ Maximum wind level
Pressure_reduced_to_MSL_msl = Pressure reduced to MSL @ Mean sea level
Pressure_surface = Pressure @ Ground or water surface
Pressure_tropopause = Pressure @ Tropopause
Relative_humidity_zeroDegC_isotherm = Relative humidity @ Level of 0°C isotherm
Surface_Lifted_Index_surface = Surface Lifted Index @ Ground or water surface
Vertical_Speed_Shear_tropopause = Vertical Speed Shear @ Tropopause
Water_equivalent_of_accumulated_snow_depth_surface = Water equivalent of accumulated snow depth @ Ground or water surface
u-component_of_wind_maximum_wind = u-component of wind @ Maximum wind level
u-component_of_wind_tropopause = u-component of wind @ Tropopause
v-component_of_wind_maximum_wind = v-component of wind @ Maximum wind level
v-component_of_wind_tropopause = v-component of wind @ Tropopause

with Vertical Levels (height_above_ground) : 2.0 *m*

Relative_humidity_height_above_ground = Relative humidity @ Specified height level above ground
Temperature_height_above_ground = Temperature @ Specified height level above ground

with Vertical Levels (height_above_ground1) : 10.0 *m*

u-component_of_wind_height_above_ground = u-component of wind @ Specified height level above ground
v-component_of_wind_height_above_ground = v-component of wind @ Specified height level above ground

with Vertical Levels (isobaric) : 25000.0 50000.0 70000.0 85000.0 *Pa*

Absolute_vorticity_isobaric = Absolute vorticity @ Isobaric surface

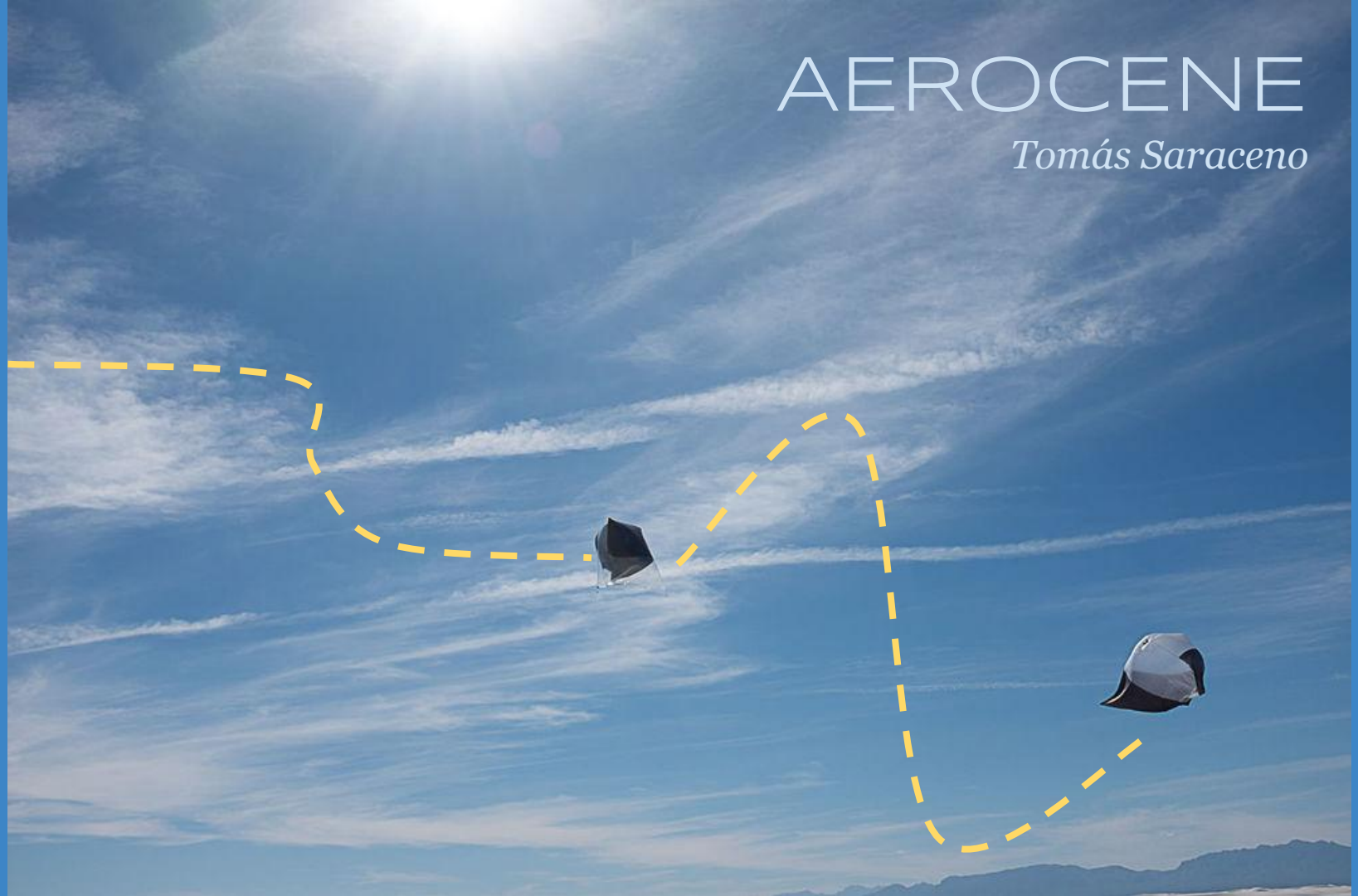
with Vertical Levels (isobaric1) : 10000.0 15000.0 20000.0 25000.0 30000.0 35000.0 40000.0 45000.0 50000.0 52500.0 55000.0 57500.0 60000.0 62500.0 65000.0 67500.0 70000.0 72500.0 75000.0 77500.0 80000.0 82500.0 85000.0 87500.0 90000.0 92500.0 95000.0 97500.0 100000.0 *Pa*

Geopotential_height_isobaric = Geopotential height @ Isobaric surface
Relative_humidity_isobaric = Relative humidity @ Isobaric surface
Temperature_isobaric = Temperature @ Isobaric surface
Vertical_velocity_pressure_isobaric = Vertical velocity (pressure) @ Isobaric surface
u-component_of_wind_isobaric = u-component of wind @ Isobaric surface
v-component_of_wind_isobaric = v-component of wind @ Isobaric surface

https://github.com/blacki/aerocene/blob/vector-inbound/Aerocene.ipynb

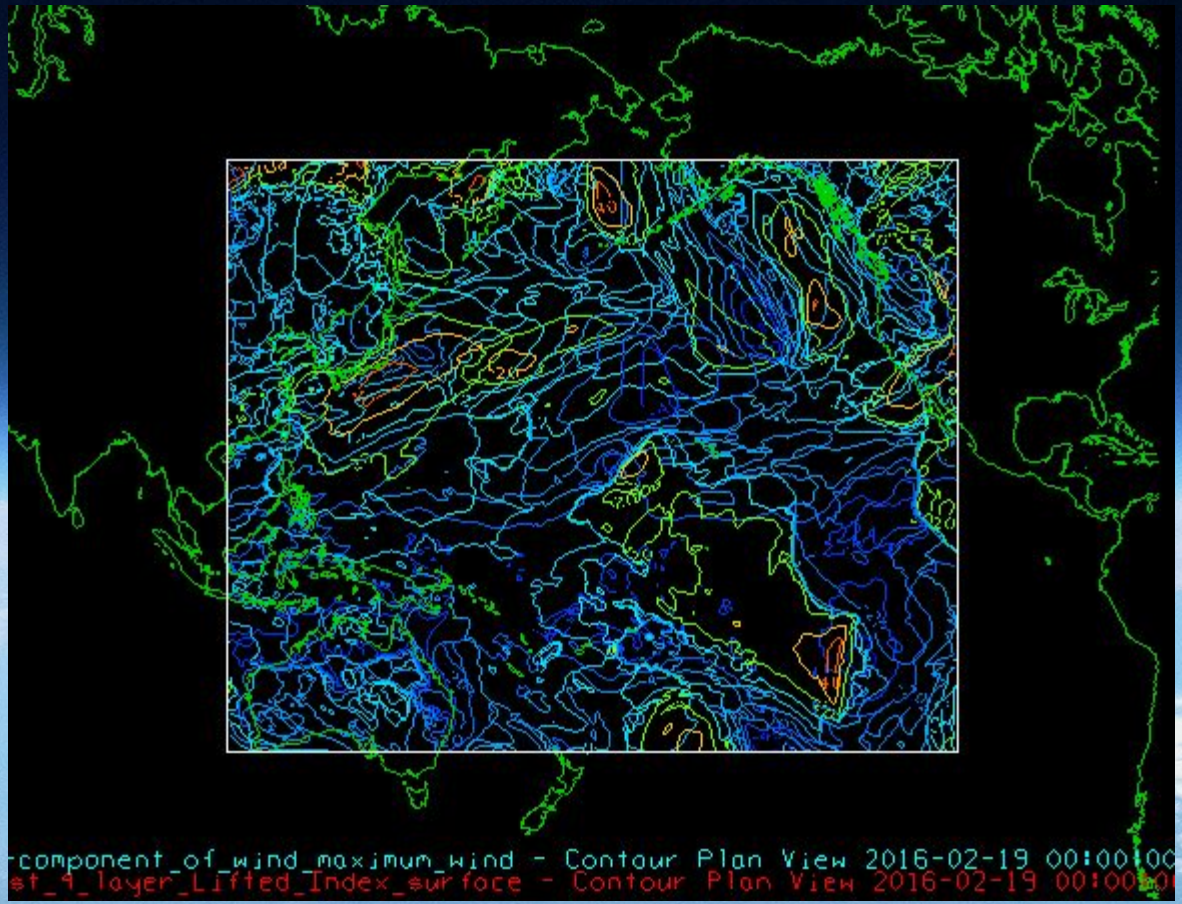
AEROCENE

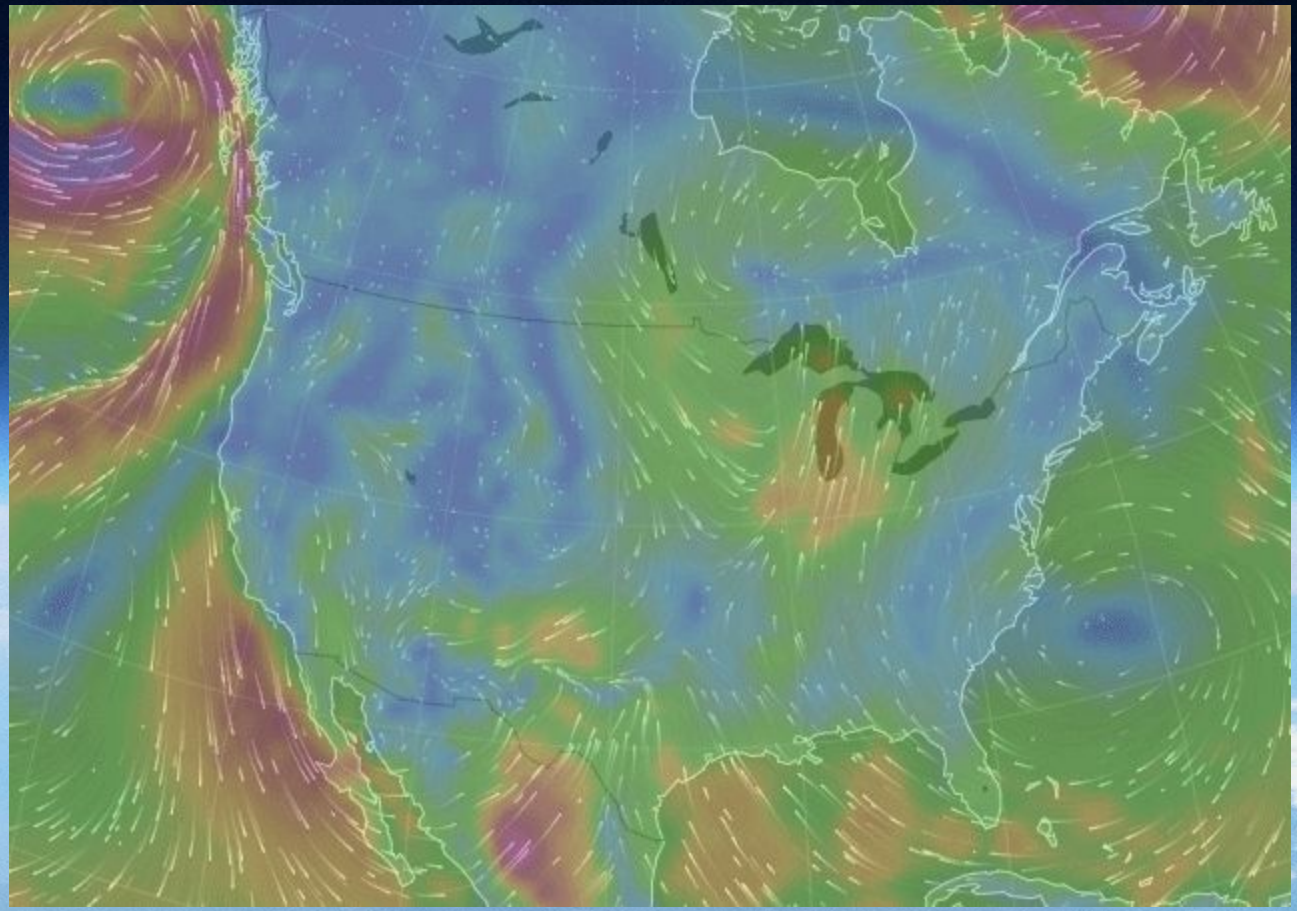
Tomás Saraceno

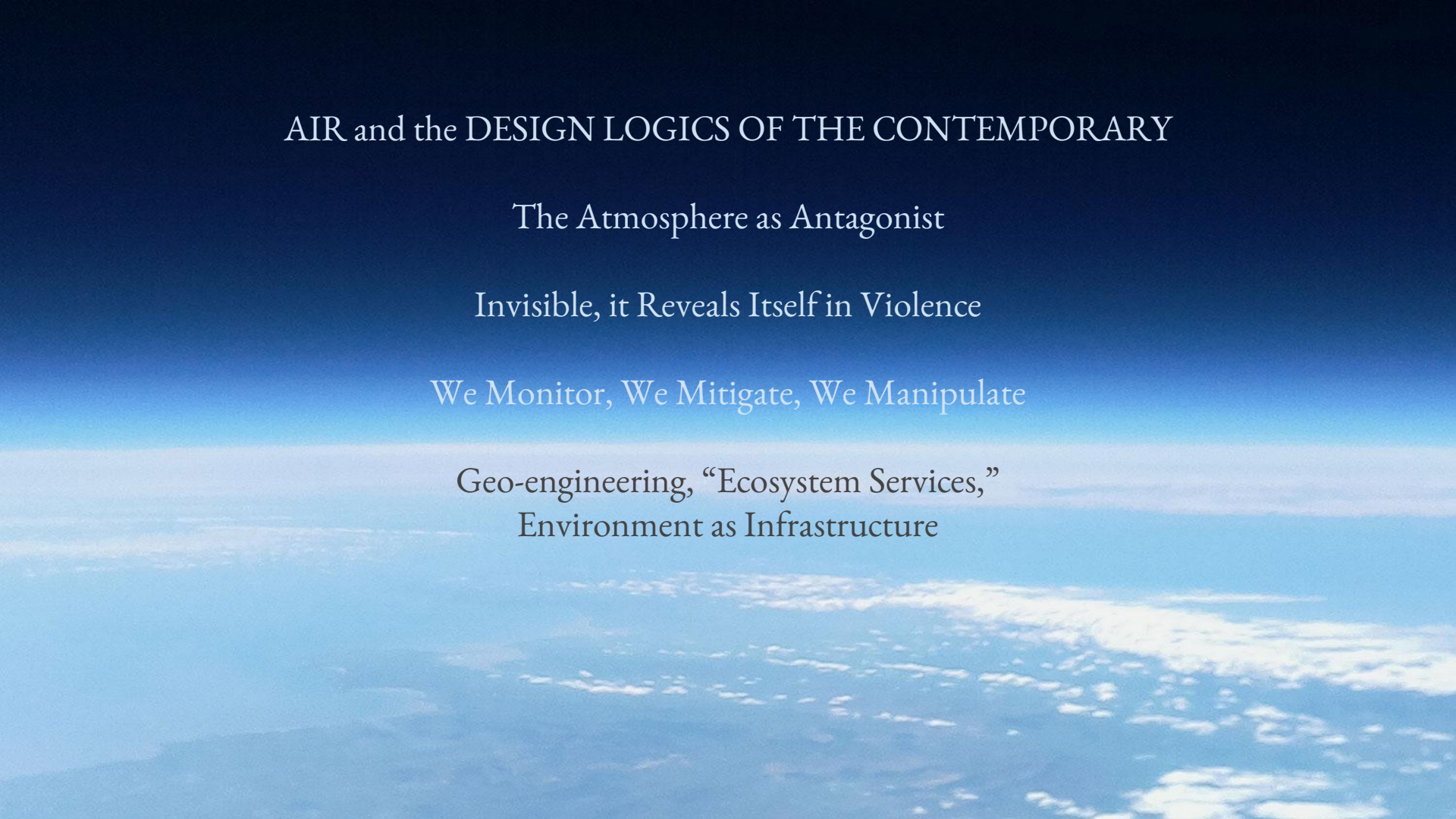


Antoine de Saint-Exupéry
Terre des hommes (1939)

These colors of earth and sky, these traces of wind on the sea, the golden clouds of twilight, the pilot does not simply admire, but contemplates. Like the peasant who makes his rounds in his field envisaging by a thousand signs the advance of spring, the threat of frost, the coming of the rain, the pilot, too, in his craft, deciphers the signs of snow, the signs of mist, the signs of blessed night. *The machine, which at first seems to isolate him, in fact submits him with yet more rigor to the great problems of nature.* Alone in the vast court of the stormy sky, he argues his brief to the three elements, mountains, the sea and the storm.


component_of_wind_maximum_wind - Contour Plan View 2016-02-19 00:00:00
st_4_layer_Lifted_Index_surface - Contour Plan View 2016-02-19 00:00:00




AIR and the DESIGN LOGICS OF THE CONTEMPORARY
The Atmosphere as Antagonist
Invisible, it Reveals Itself in Violence
We Monitor, We Mitigate, We Manipulate
Geo-engineering, “Ecosystem Services,”
Environment as Infrastructure


WE WON'T GET OUT OF THIS THE WAY WE GOT INTO IT.
NOT BY FIGHTING NIGHTMARES, BUT BY PURSUING DREAMS.
HOW MIGHT WE YIELD OURSELVES TO THE ANIMATE, EXPRESSIVE ELEMENTS?


CALCULATED SUBMISSION