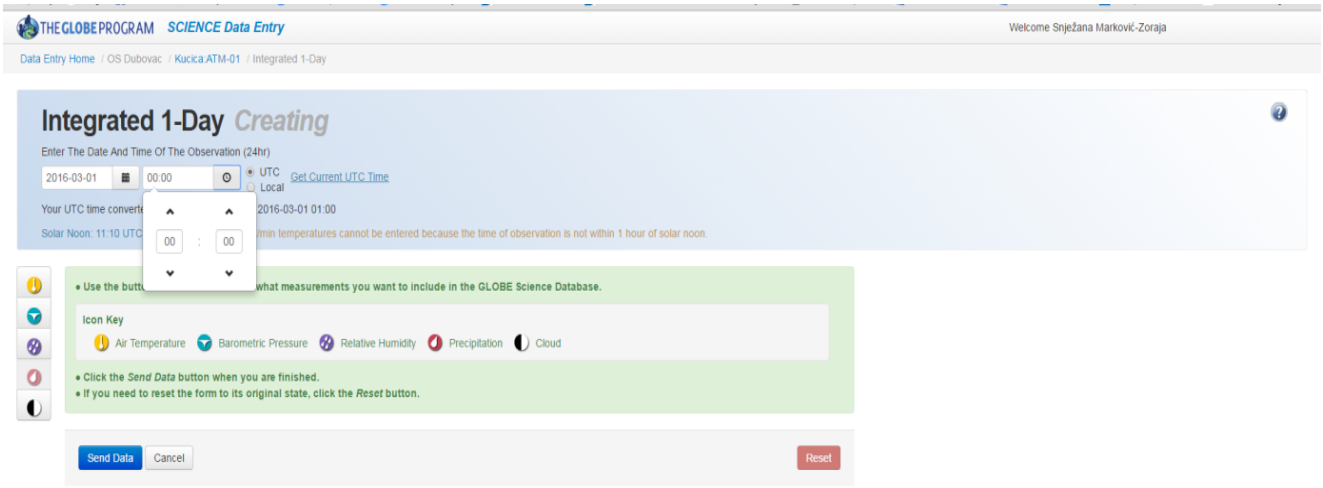
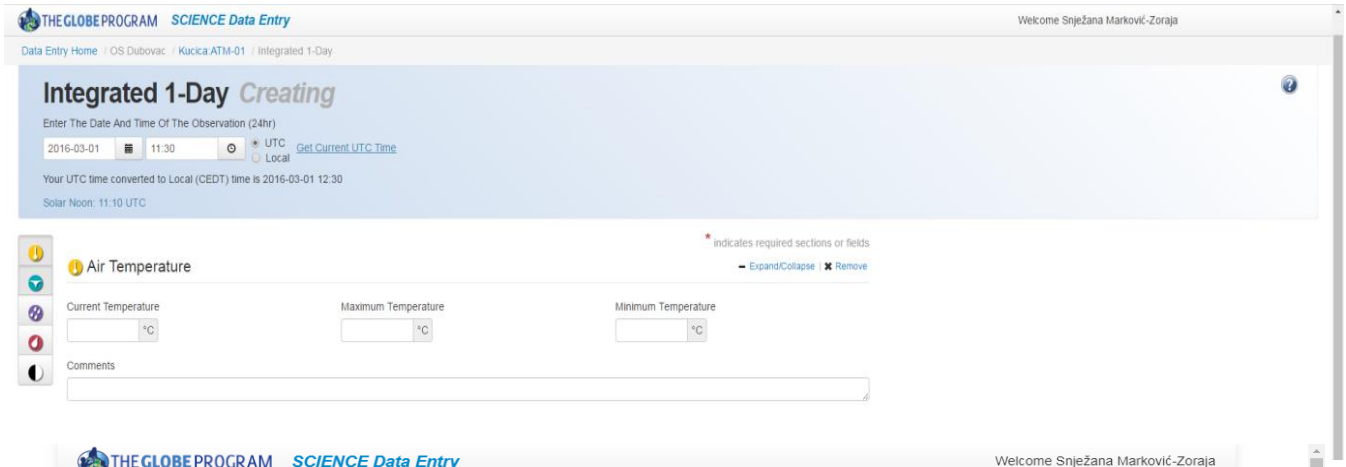
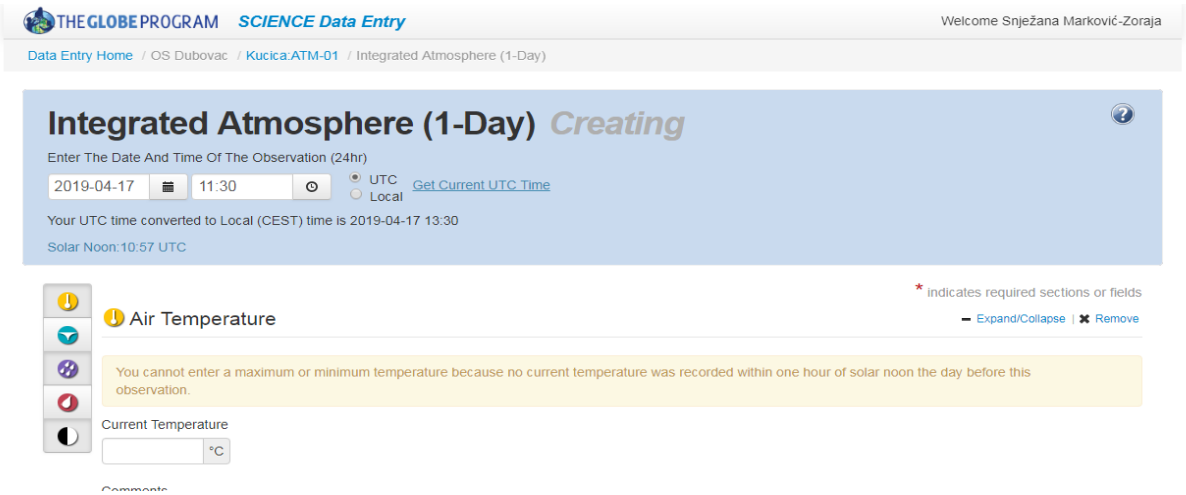
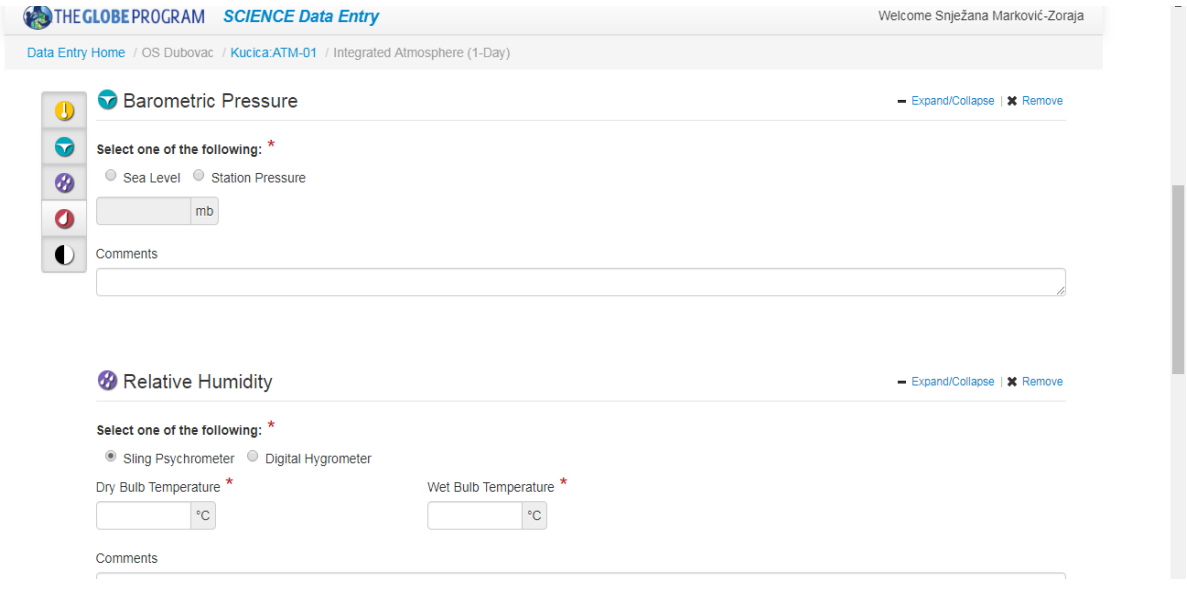
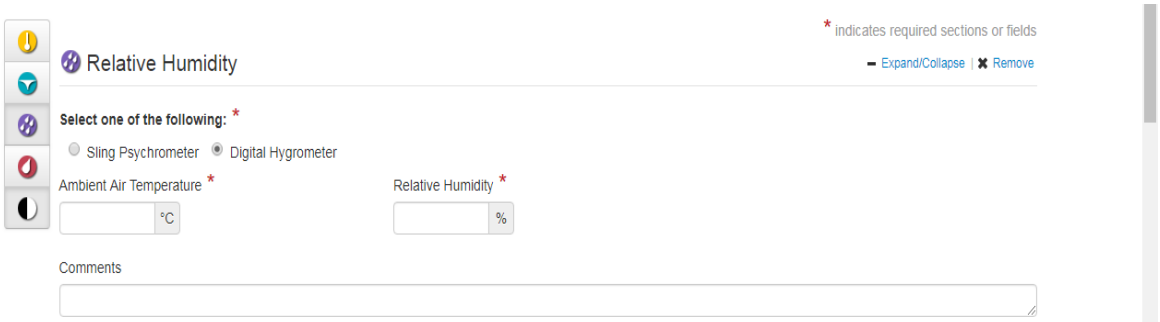
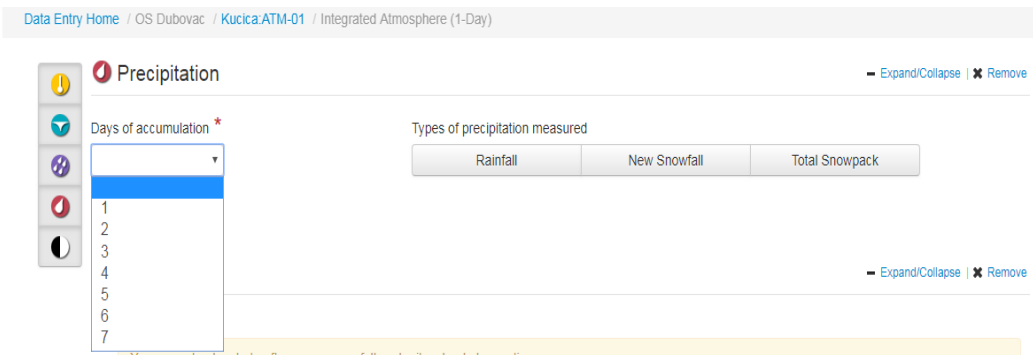

THE GLOBE PROGRAM SCIENCE Data Entry
Welcome Snježana Marković-Zoraja
Data Entry Home / OS Dubovac / Kucica:ATM-01 / Integrated 1-Day
Integrated 1-Day Creating
Enter The Date And Time Of The Observation (24hr)
2016-03-01
00:00
UTC
Local
Get Current UTC Time
2016-03-01 01:00
Icon Key
Air Temperature
Barometric Pressure
Relative Humidity
Precipitation
Cloud
Click the Send Data button when you are finished.
If you need to reset the form to its original state, click the Reset button.
Send Data
Cancel
Reset

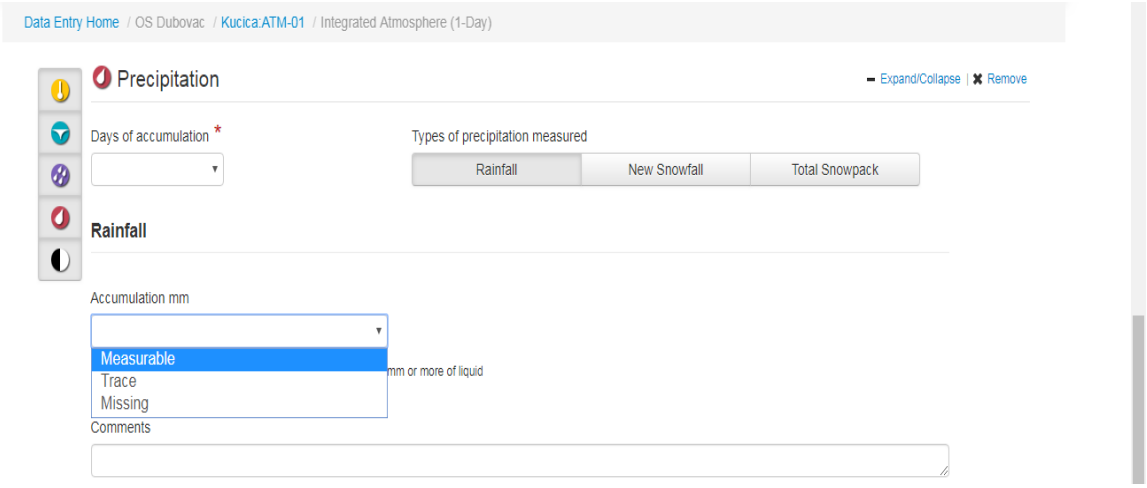

THE GLOBE PROGRAM SCIENCE Data Entry
Welcome Snježana Marković-Zoraja
Data Entry Home / OS Dubovac / Kucica:ATM-01 / Integrated 1-Day
Integrated 1-Day Creating
Enter The Date And Time Of The Observation (24hr)
2016-03-01
11:30
UTC
Local
Get Current UTC Time
Your UTC time converted to Local (CEDT) time is 2016-03-01 12:30
Solar Noon: 11:10 UTC
indicates required sections or fields
Air Temperature
Expand/Collapse | Remove
Current Temperature
Maximum Temperature
Minimum Temperature
°C
Comments

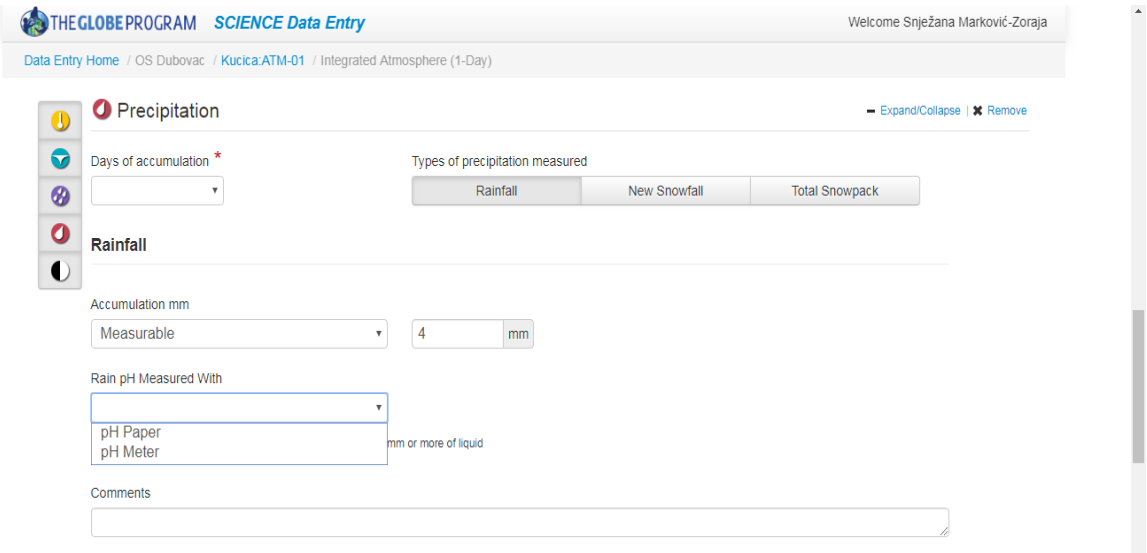

THE GLOBE PROGRAM SCIENCE Data Entry
Welcome Snježana Marković-Zoraja
Data Entry Home / OS Dubovac / Kucica:ATM-01 / Integrated Atmosphere (1-Day)
Integrated Atmosphere (1-Day) Creating
Enter The Date And Time Of The Observation (24hr)
2019-04-17
11:30
UTC
Local
Get Current UTC Time
Your UTC time converted to Local (CEST) time is 2019-04-17 13:30
Solar Noon:10:57 UTC
indicates required sections or fields
Air Temperature
Expand/Collapse | Remove
You cannot enter a maximum or minimum temperature because no current temperature was recorded within one hour of solar noon the day before this observation.
Current Temperature
°C

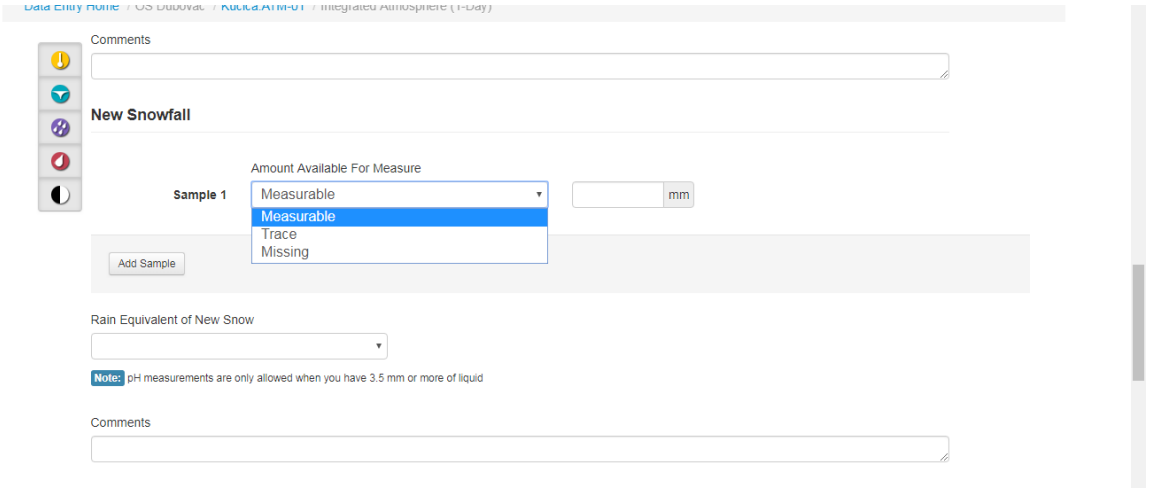

THE GLOBE PROGRAM SCIENCE Data Entry
Welcome Snježana Marković-Zoraja
Data Entry Home / OS Dubovac / Kucica:ATM-01 / Integrated Atmosphere (1-Day)
Barometric Pressure
Expand/Collapse | Remove
Select one of the following: *
Sea Level
Station Pressure
mb
Comments
Relative Humidity
Expand/Collapse | Remove
Select one of the following: *
Sling Psychrometer
Digital Hygrometer
Dry Bulb Temperature *
Wet Bulb Temperature *
°C
Comments

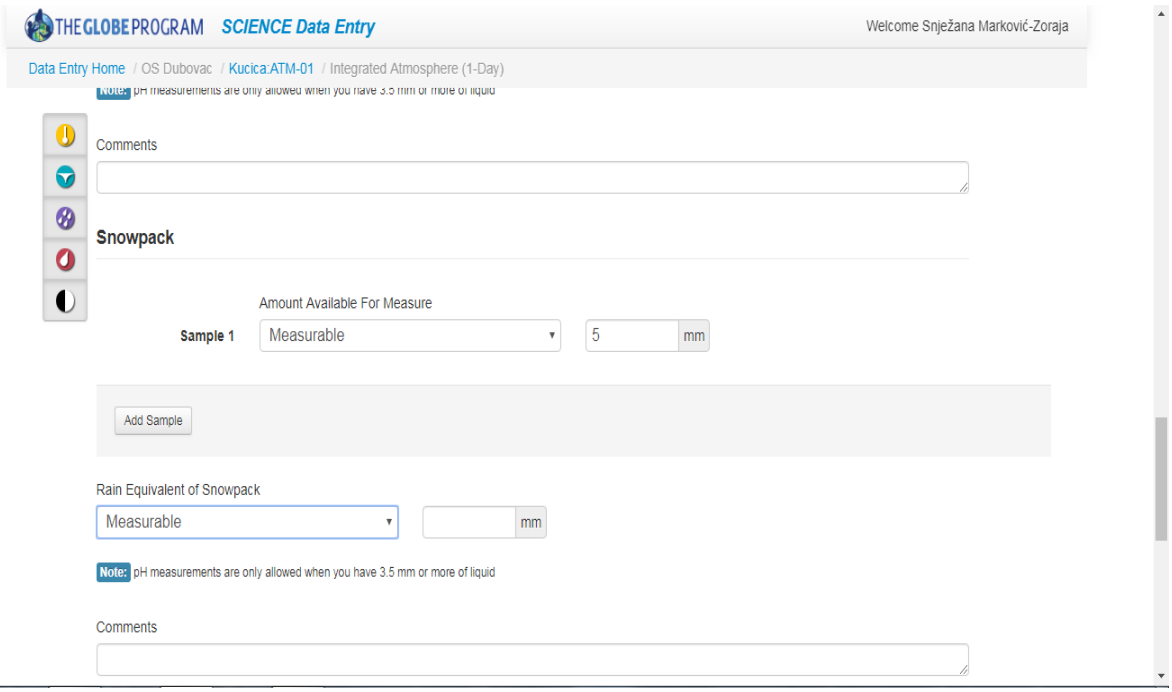

* indicates required sections or fields
Relative Humidity
Expand/Collapse | Remove
Select one of the following: *
Sling Psychrometer
Digital Hygrometer
Ambient Air Temperature *
°C
Relative Humidity *
%
Comments

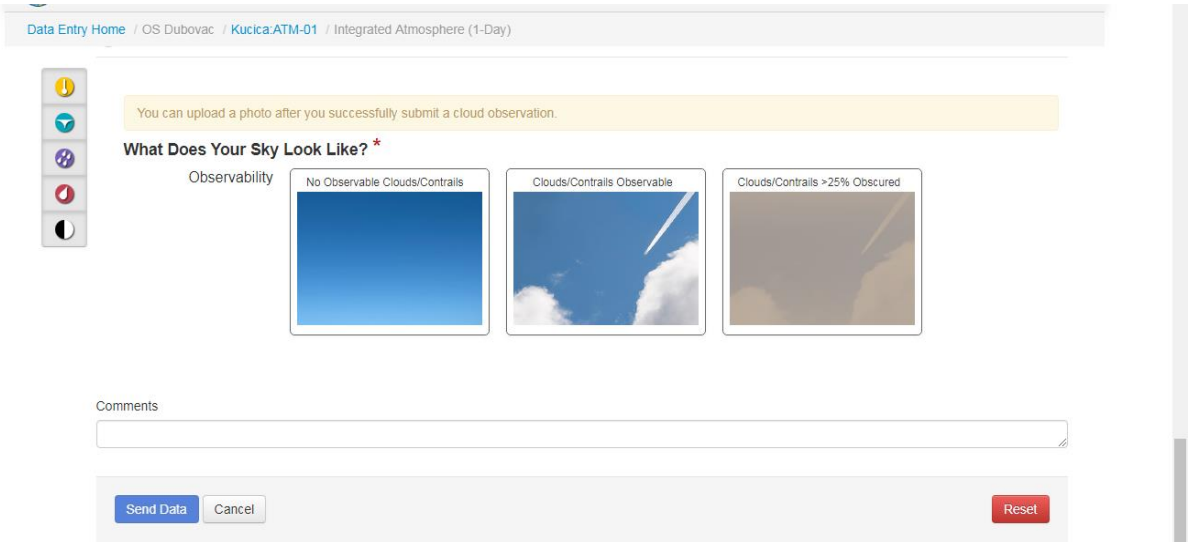

Data Entry Home / OS Dubovac / Kucica:ATM-01 / Integrated Atmosphere (1-Day)
Precipitation
Expand/Collapse | Remove
Days of accumulation *
Types of precipitation measured
Rainfall
New Snowfall
Total Snowpack
1
2
3
4
5
6
7
Expand/Collapse | Remove


Data Entry Home / OS Dubovac / Kucica:ATM-01 / Integrated Atmosphere (1-Day)
Precipitation
Expand/Collapse | Remove
Days of accumulation *
Types of precipitation measured
Rainfall
New Snowfall
Total Snowpack
Rainfall
Accumulation mm
Measurable
Trace
Missing
mm or more of liquid
Comments


THE GLOBE PROGRAM
SCIENCE Data Entry
Welcome Snježana Marković-Zoraja
Data Entry Home / OS Dubovac / Kucica:ATM-01 / Integrated Atmosphere (1-Day)
Precipitation
Expand/Collapse | Remove
Days of accumulation *
Types of precipitation measured
Rainfall
New Snowfall
Total Snowpack
Rainfall
Accumulation mm
Measurable
4
mm
Rain pH Measured With
pH Paper
pH Meter
mm or more of liquid
Comments


Comments
New Snowfall
Amount Available For Measure
Sample 1
Measurable
mm
Measurable
Trace
Missing
Add Sample
Rain Equivalent of New Snow
Note: pH measurements are only allowed when you have 3.5 mm or more of liquid
Comments


THE GLOBE PROGRAM
SCIENCE Data Entry
Welcome Snježana Marković-Zoraja
Data Entry Home / OS Dubovac / Kucica:ATM-01 / Integrated Atmosphere (1-Day)
Comments
Snowpack
Amount Available For Measure
Sample 1
Measurable
5
mm
Add Sample
Rain Equivalent of Snowpack
Measurable
mm
Note: pH measurements are only allowed when you have 3.5 mm or more of liquid
Comments

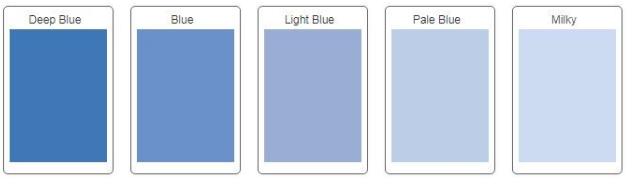

Data Entry Home / OS Dubovac / Kucica:ATM-01 / Integrated Atmosphere (1-Day)
You can upload a photo after you successfully submit a cloud observation.
What Does Your Sky Look Like? *
Observability
No Observable Clouds/Contrails
Clouds/Contrails Observable
Clouds/Contrails >25% Obscured
Comments
Send Data
Cancel
Reset

Data Entry Home / OS Dubovac / Kucica:ATM-01 / Integrated Atmosphere (1-Day)

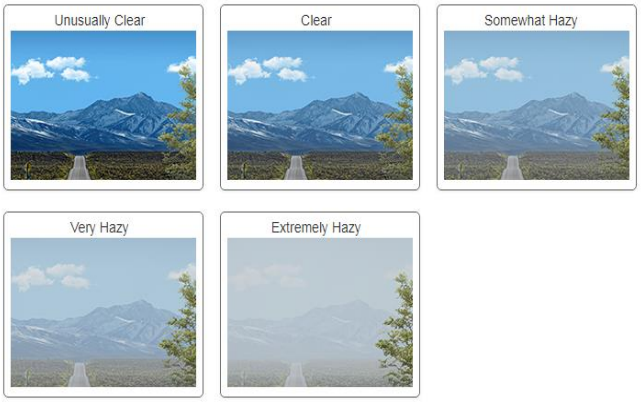
What Does Your Sky Look Like? *

Observability

Sky Color



Sky Visibility



You can upload a photo after you successfully submit a cloud observation.

What Does Your Sky Look Like? *

Observability

What percentage of the whole sky is covered by clouds/contrails? *

- Few 1 To 10%
- Isolated 10 To 25 Percent
- Scattered 25 To 50 Percent
- Broken 50 To 90 Percent
- Overcast 90 To 100 Percent

High Level Clouds

✖ No high level clouds observed

THE GLOBE PROGRAM *SCIENCE Data Entry* Welcome Snježana Marković-Zoraja

Data Entry Home / OS Dubovac / Kucica:ATM-01 / Integrated Atmosphere (1-Day)

High Level Clouds

No high level clouds observed

Which high level clouds/contrails are present?

High In The Sky

Cirrus

Cirrocumulus

Cirrostratus

Contrails

Short Lived

Observed

Persistent Non Spreading

Observed

Persistent Spreading

Observed

What percent of high level sky is covered with clouds/contrails?

What is the visual opacity of the high level clouds/contrails?

- Few 1 To 10%
- Isolated 10 To 25 Percent
- Scattered 25 To 50 Percent
- Broken 50 To 90 Percent
- Overcast 90 To 100 Percent

What percent of high level sky is covered with clouds/contrails?

What is the visual opacity of the high level clouds/contrails?

- Opaque
- Translucent
- Transparent

Mid Level Clouds

No mid level clouds observed

Which mid level clouds are present?

Middle Of The Sky

Altostratus

Altocumulus

What percent of mid level sky is covered with clouds?

What is the visual opacity of the mid level clouds?

- Few 1 To 10%
- Isolated 10 To 25 Percent
- Scattered 25 To 50 Percent
- Broken 50 To 90 Percent
- Overcast 90 To 100 Percent

What is the visual opacity of the mid level clouds?

- Opaque
- Translucent
- Transparent

THE GLOBE PROGRAM *SCIENCE Data Entry* Welcome Snježana Marković-Zoraja

Data Entry Home / OS Dubovac / Kucica:ATM-01 / Integrated Atmosphere (1-Day)

Low Level Clouds

No low level clouds observed

Which low level clouds are present?

Low In The Sky

Fog/Stratus

Stratocumulus

Cumulus

Rain Or Snow Clouds

Nimbostratus

Cumulonimbus

What percent of low level sky is covered with clouds?

- Few 1 To 10%
- Isolated 10 To 25 Percent
- Scattered 25 To 50 Percent
- Broken 50 To 90 Percent
- Overcast 90 To 100 Percent

What is the visual opacity of the low level clouds?

- Opaque
- Translucent
- Transparent

THE GLOBE PROGRAM *SCIENCE Data Entry* Welcome Snježana Marković-Zoraja

Data Entry Home / OS Dubovac / Kucica:ATM-01 / Integrated Atmosphere (1-Day)

Surface Condition

Select Yes/No for each of the following Suface Conditions * **All Surface Conditions must be selected**

Snow/Ice

Yes No

Standing Water

Yes No

Muddy

Yes No

Dry Ground

Yes No

Leaves on Trees

Yes No

Raining/Snowing

Yes No

Comments

Send Data Cancel Reset

THE GLOBE PROGRAM *SCIENCE Data Entry* Welcome Snježana Marković-Zoraja

Data Entry Home / OS Dubovac / Kucica:ATM-01 / Integrated Atmosphere (1-Day)

Clouds

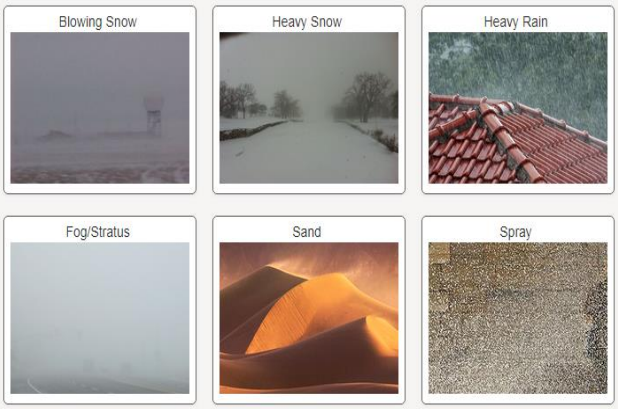
Expand/Collapse | Remove

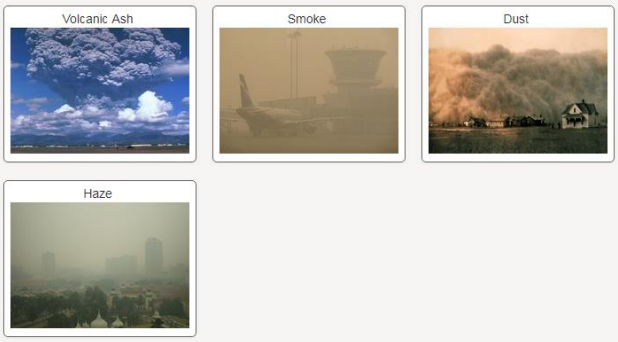
You can upload a photo after you successfully submit a cloud observation.

What Does Your Sky Look Like? *

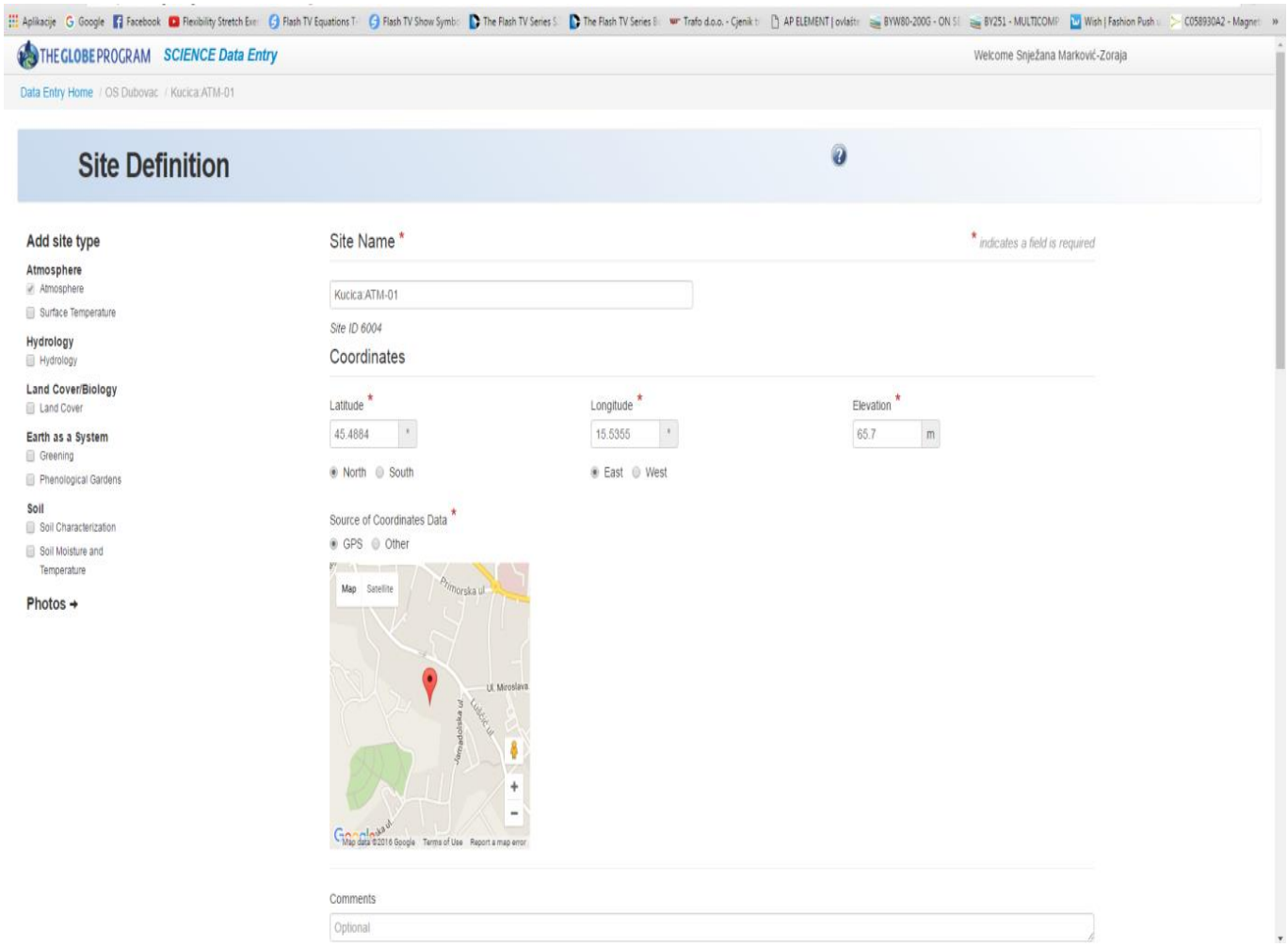
Observability

Click On The Types Of Obscurations *

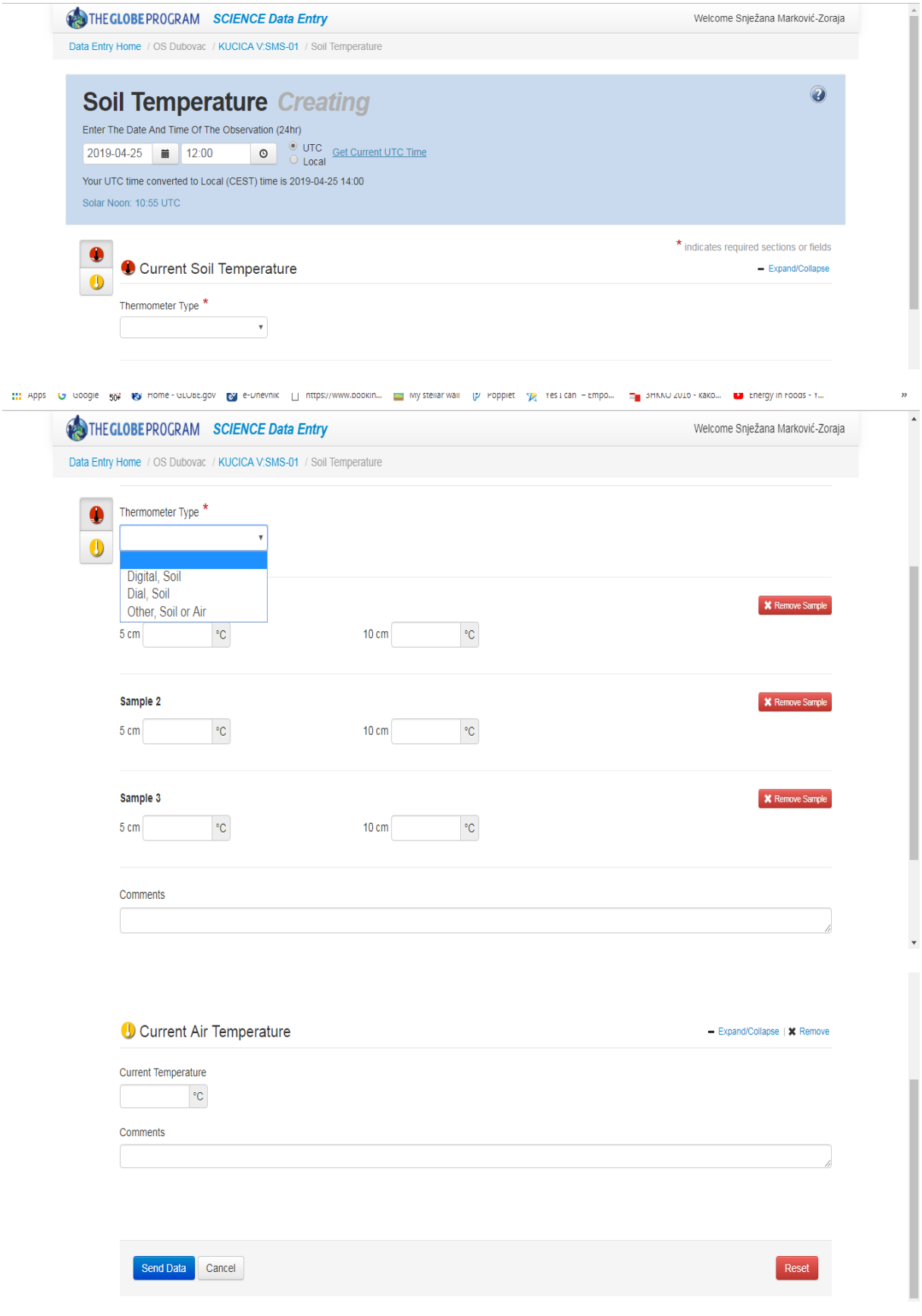


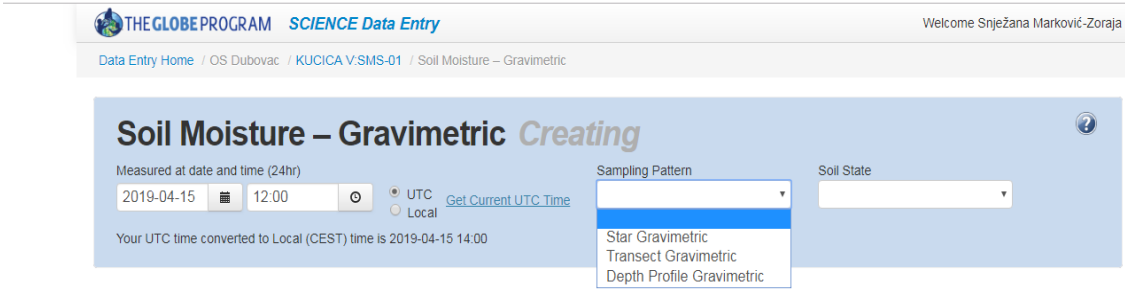


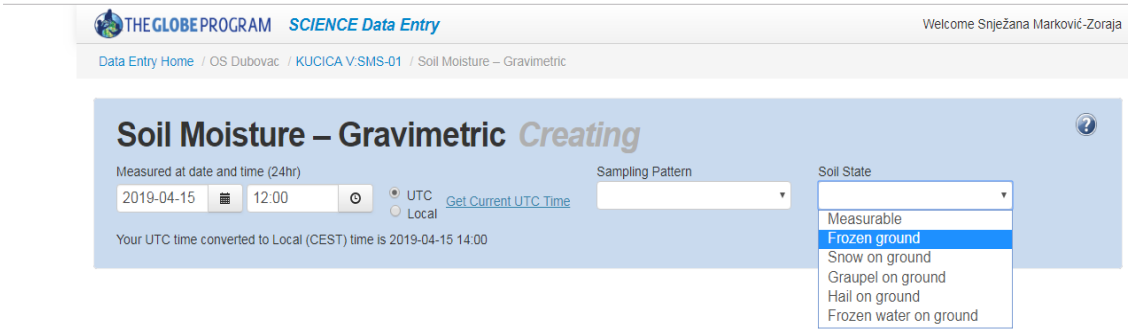
DEFINIRANJE NOVE POSTAJE



PEDOLOGIJA


THE GLOBE PROGRAM
SCIENCE Data Entry
Welcome Snježana Marković-Zoraja
Data Entry Home / OS Dubovac / KUCICA V:SMS-01 / Soil Temperature
Soil Temperature Creating
Enter The Date And Time Of The Observation (24hr)
2019-04-25
12:00
UTC
Local
Get Current UTC Time
Your UTC time converted to Local (CEST) time is 2019-04-25 14:00
Solar Noon: 10:55 UTC
* indicates required sections or fields
Current Soil Temperature
Expand/Collapse
Thermometer Type *
Digital, Soil
Dial, Soil
Other, Soil or Air
Remove Sample
5 cm
°C
10 cm
°C
Sample 2
Sample 3
Comments
Current Air Temperature
Expand/Collapse | Remove
Current Temperature
Send Data
Cancel
Reset





* indicates required sections or fields

Drying

Drying Method *

Oven 95 105 Degrees C
Oven 75 95 Degrees C
Other

Average Drying Time (HH:mm)

0 : 30

s should be in grams.

0 - 5 cm samples

+ Add another 0-5 cm sample

10 cm samples

+ Add another 10 cm sample

Comments

Samples *

At least one sample is required. All measurements should be in grams.

0 - 5 cm samples

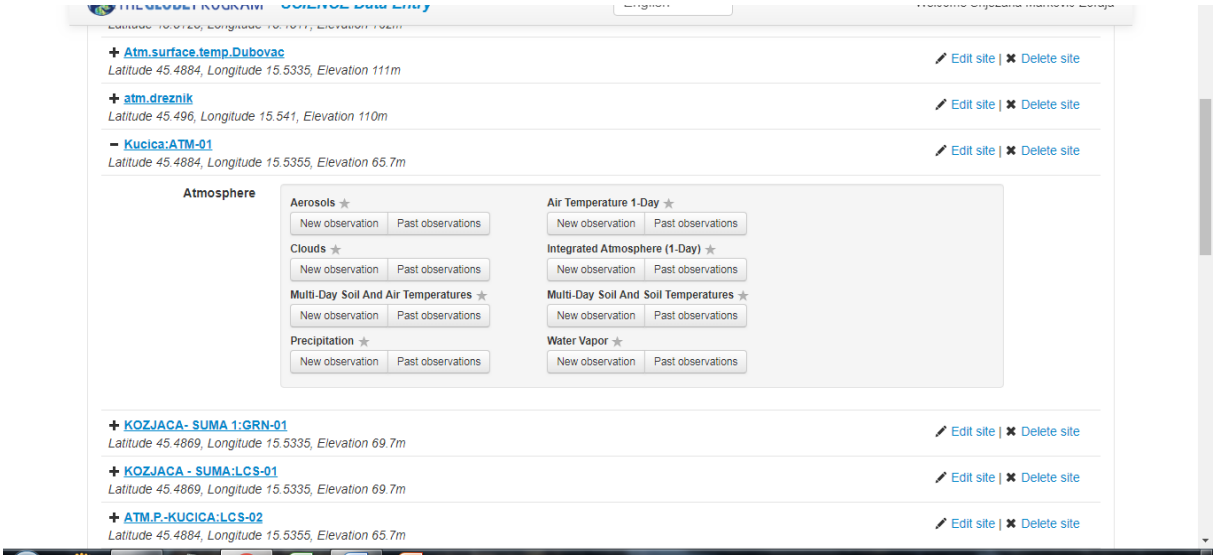
Weight of soil & container

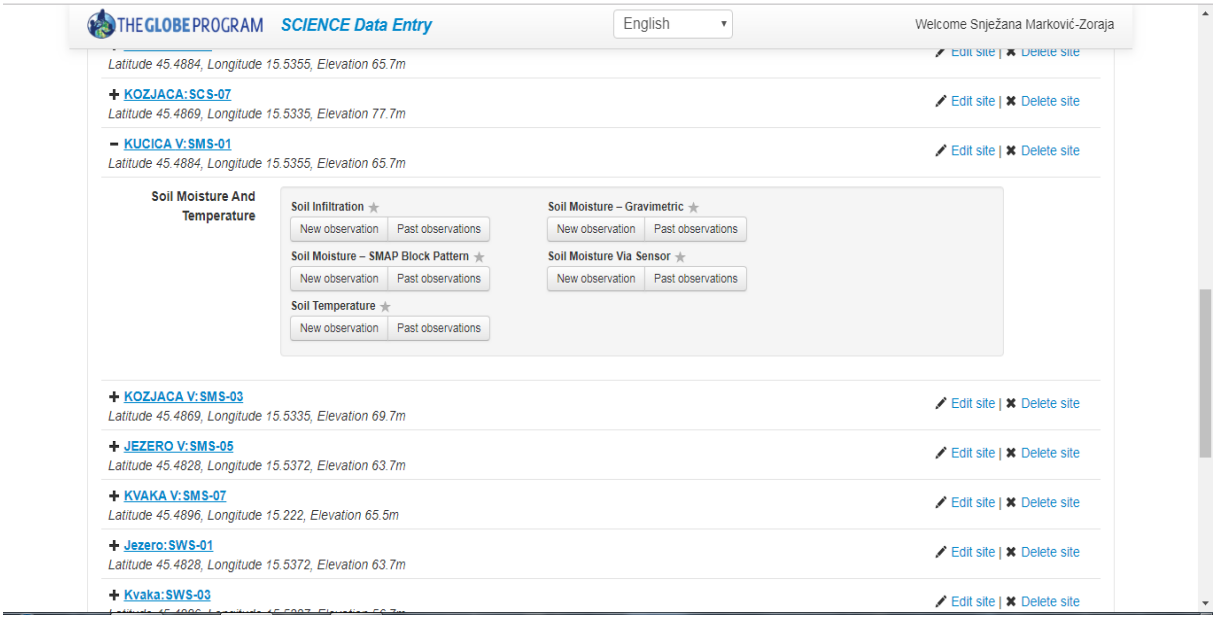
Wet soil *(a)*	Dry soil *(b)*	Water weight *(c)*	Empty container weight *(d)*	Dry soil weight *(e)*	Gravimetric Soil Moisture *(f)*
120 g	100 g	*a - b* = ***20.00 g***	1 g	*b - d* = ***99.00g***	*c / e* = ***0.20 g/g***

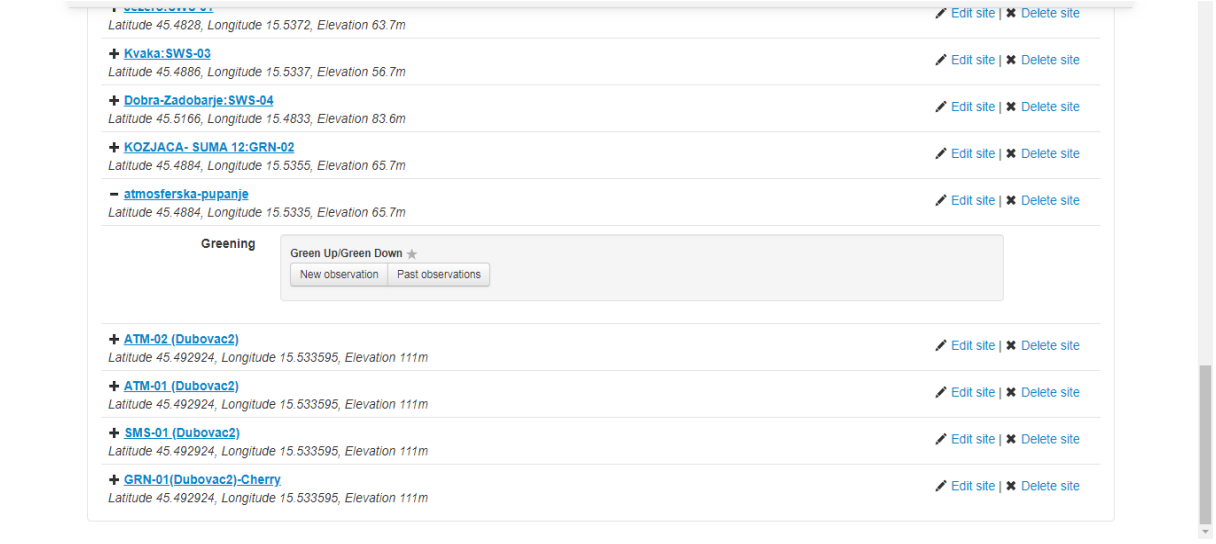
+ Add another 0-5 cm sample

10 cm samples

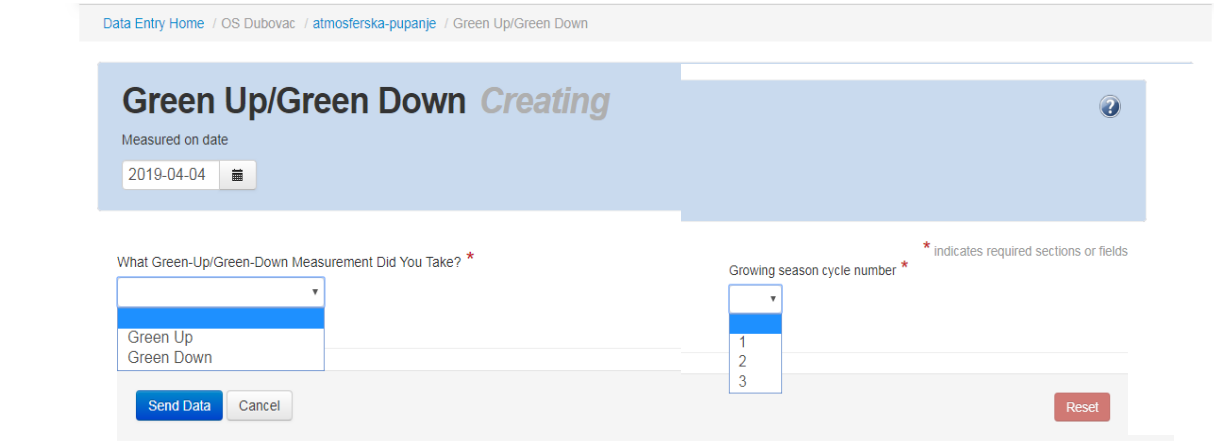
MY ORGANIZATION AND SITES

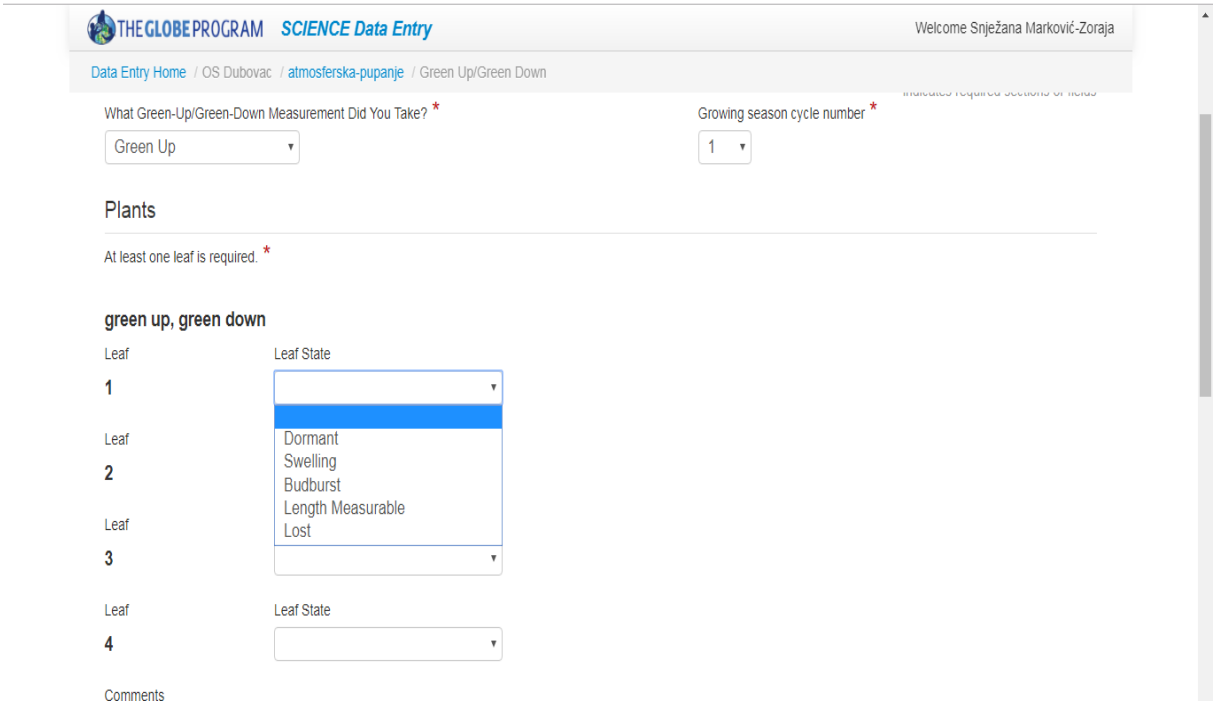


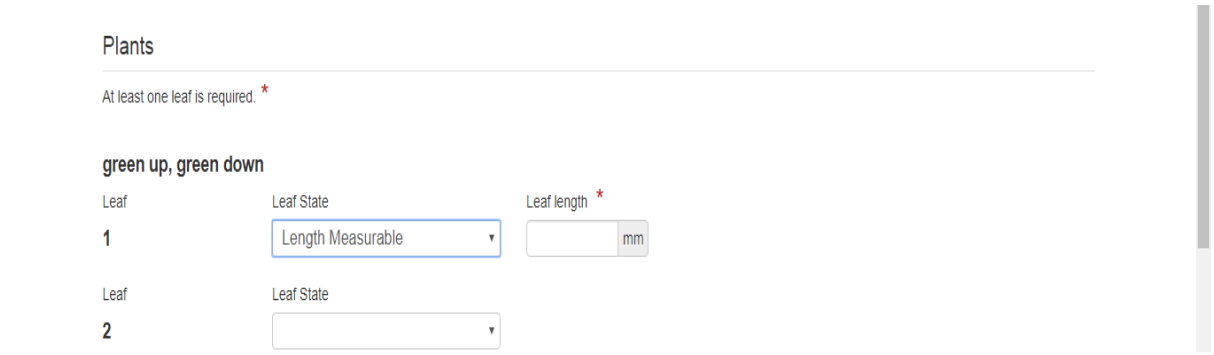




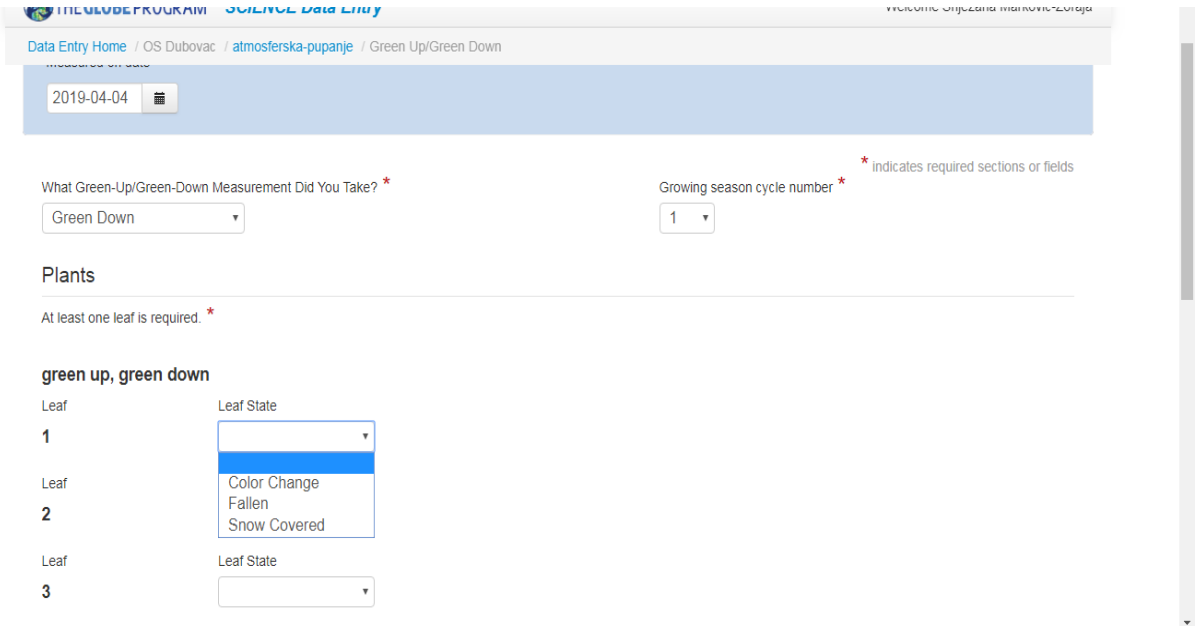
PUPANJE

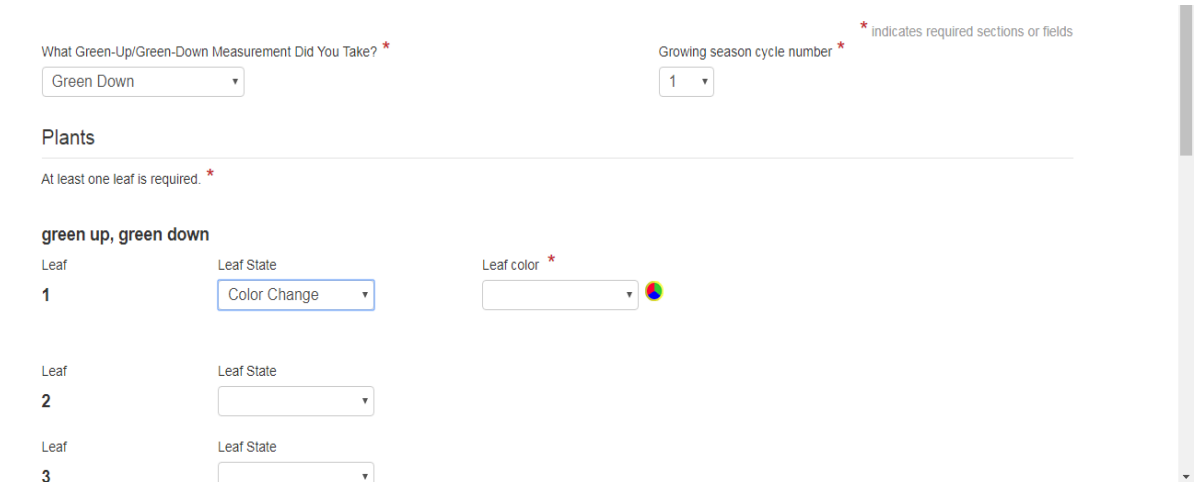

Data Entry Home / OS Dubovac / atmosferska-pupanje / Green Up/Green Down
Green Up/Green Down Creating
Measured on date
2019-04-04
* indicates required sections or fields
What Green-Up/Green-Down Measurement Did You Take? *
Green Up
Green Down
Growing season cycle number *
1
2
3
Send Data
Cancel
Reset

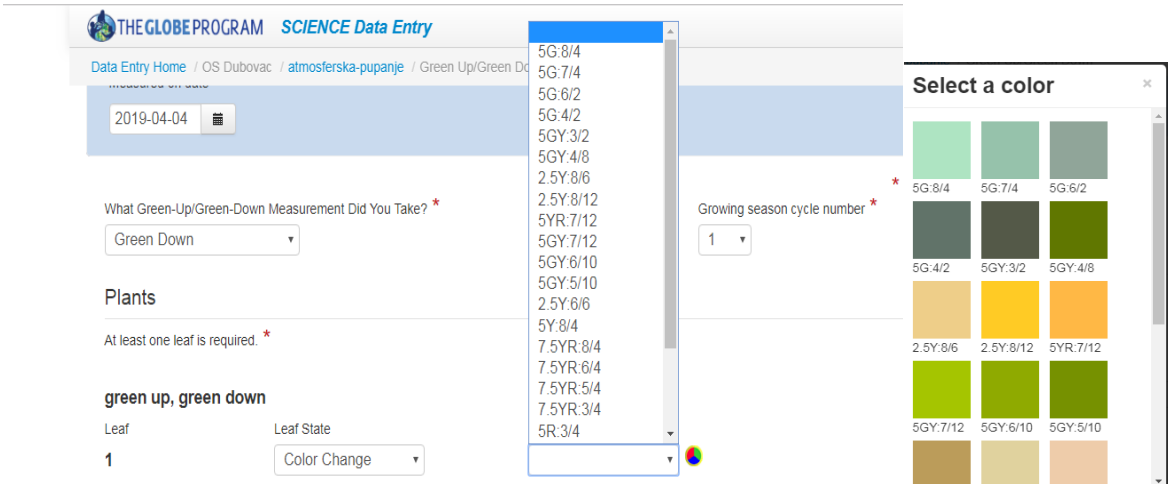

THE GLOBE PROGRAM SCIENCE Data Entry
Welcome Snježana Marković-Zoraja
Data Entry Home / OS Dubovac / atmosferska-pupanje / Green Up/Green Down
What Green-Up/Green-Down Measurement Did You Take? *
Green Up
Growing season cycle number *
1
Plants
At least one leaf is required. *
green up, green down
Leaf
1
Leaf State
Dormant
Swelling
Budburst
Length Measurable
Lost
Leaf
2
Leaf
3
Leaf
4
Leaf State
Comments


Plants
At least one leaf is required. *
green up, green down
Leaf
1
Leaf State
Length Measurable
Leaf length *
mm
Leaf
2
Leaf State

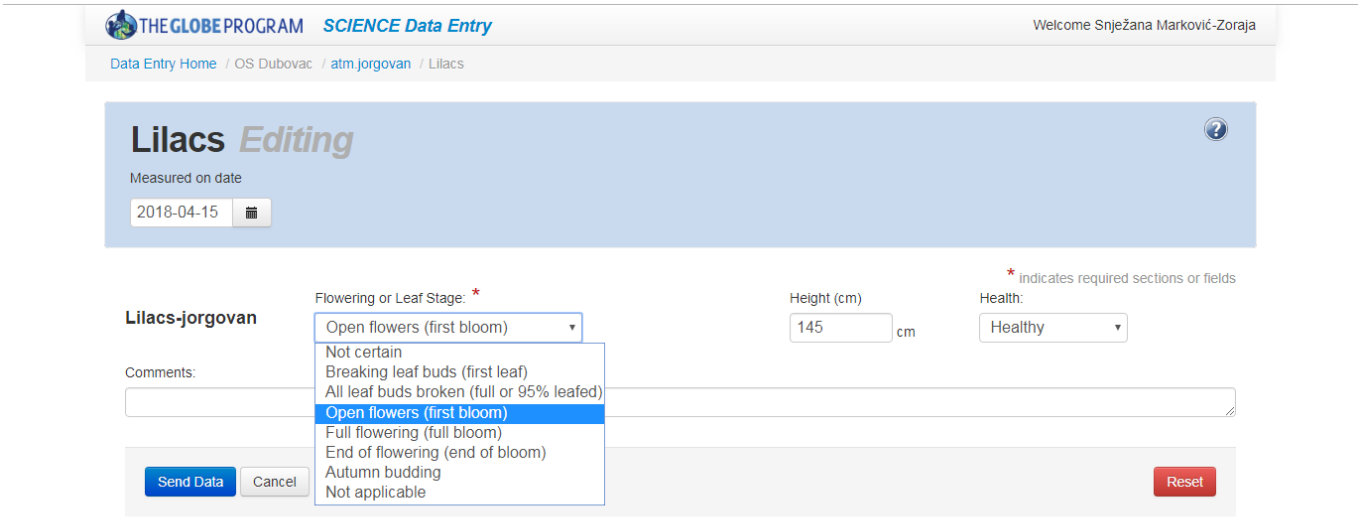
ŽUĆENJE


Data Entry Home / OS Dubovac / atmosferska-pupanje / Green Up/Green Down
2019-04-04
* indicates required sections or fields
What Green-Up/Green-Down Measurement Did You Take? *
Green Down
Growing season cycle number *
1
Plants
At least one leaf is required. *
green up, green down
Leaf
Leaf State
1
Color Change
Fallen
Snow Covered
Leaf
2
Leaf
Leaf State
3

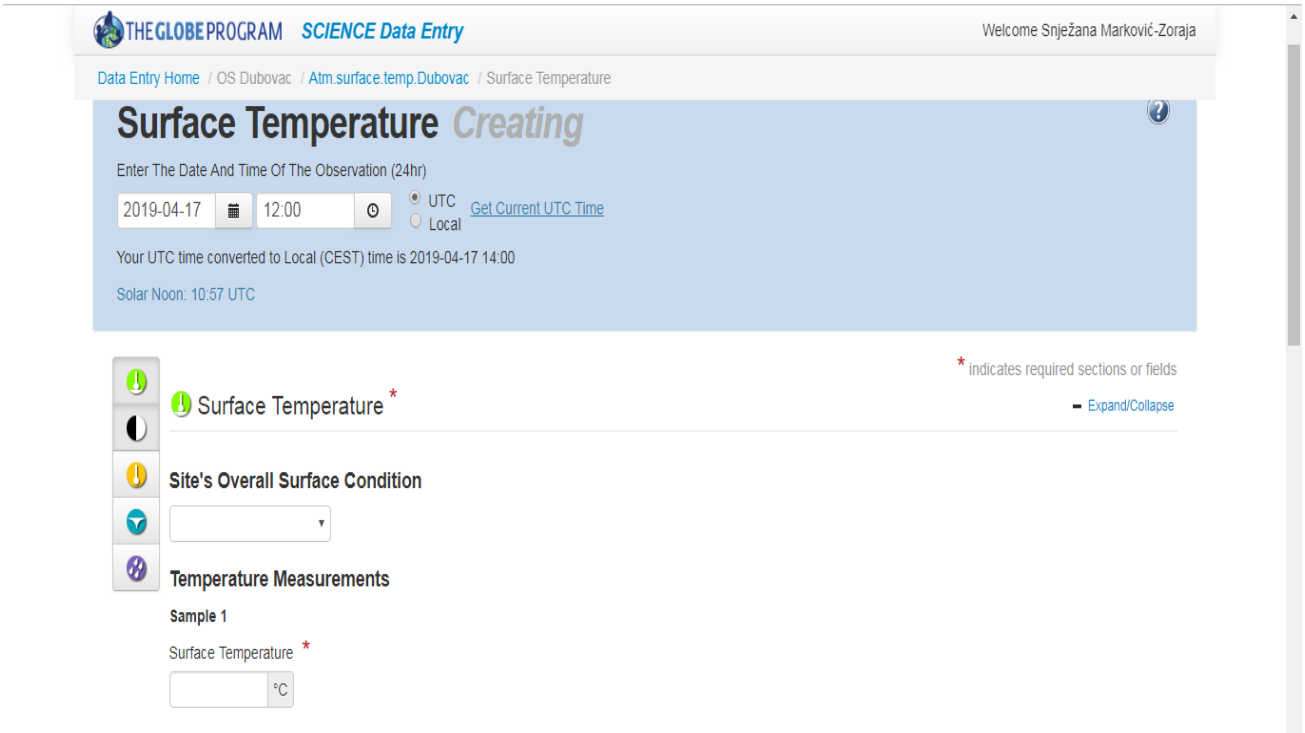

* indicates required sections or fields
What Green-Up/Green-Down Measurement Did You Take? *
Green Down
Growing season cycle number *
1
Plants
At least one leaf is required. *
green up, green down
Leaf
Leaf State
Leaf color *
1
Color Change
Leaf
Leaf State
2
Leaf
Leaf State
3


THE GLOBE PROGRAM SCIENCE Data Entry
Data Entry Home / OS Dubovac / atmosferska-pupanje / Green Up/Green Do
2019-04-04
What Green-Up/Green-Down Measurement Did You Take? *
Green Down
Growing season cycle number *
1
Plants
At least one leaf is required. *
green up, green down
Leaf
Leaf State
1
Color Change
5G:8/4
5G:7/4
5G:6/2
5G:4/2
5GY:3/2
5GY:4/8
2.5Y:8/6
2.5Y:8/12
5YR:7/12
5GY:6/12
5GY:6/10
5GY:5/10
2.5Y:6/6
5Y:8/4
7.5YR:8/4
7.5YR:6/4
7.5YR:5/4
7.5YR:3/4
5R:3/4
Select a color

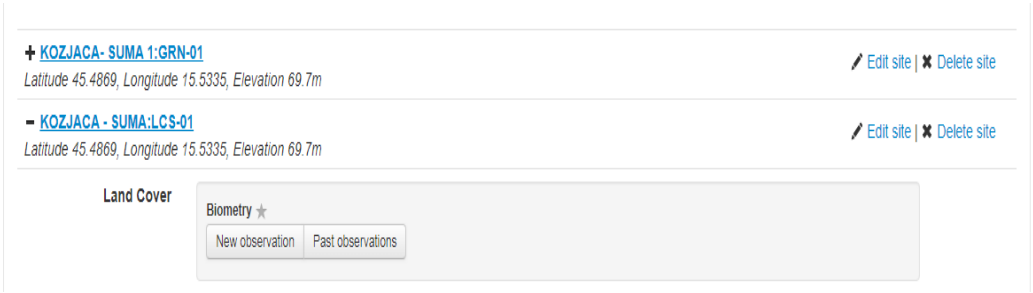
CVJETANJE – LILACS

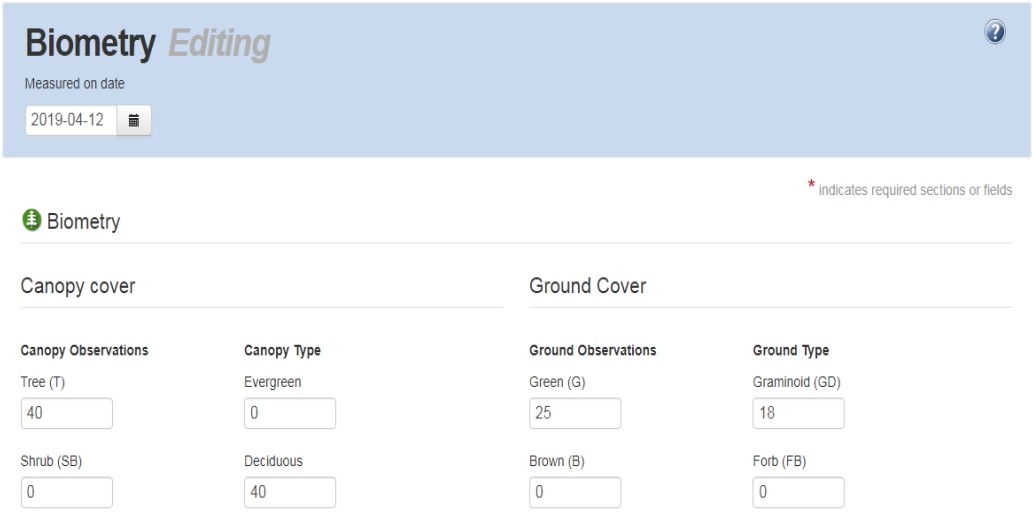


POVRŠINSKA TEMPERATURA



BIOMETRIJA

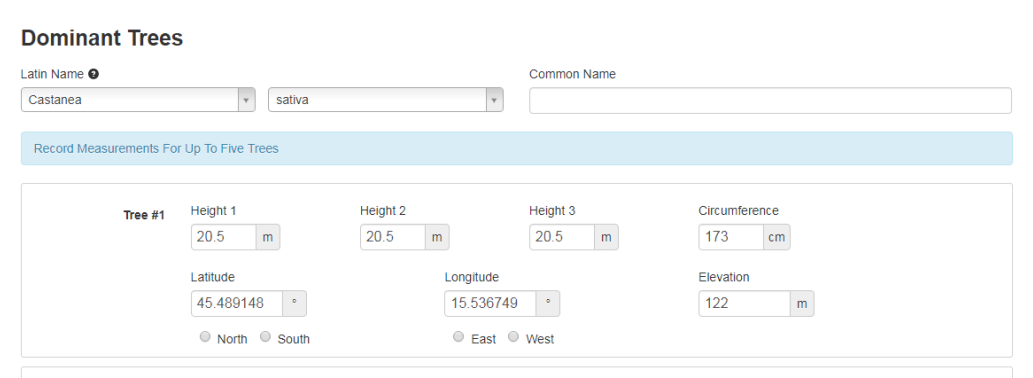

KOZJACA- SUMA 1:GRN-01
Latitude 45.4869, Longitude 15.5335, Elevation 69.7m
Edit site | Delete site
KOZJACA - SUMA:LCS-01
Latitude 45.4869, Longitude 15.5335, Elevation 69.7m
Edit site | Delete site
Land Cover
Biometry
New observation
Past observations

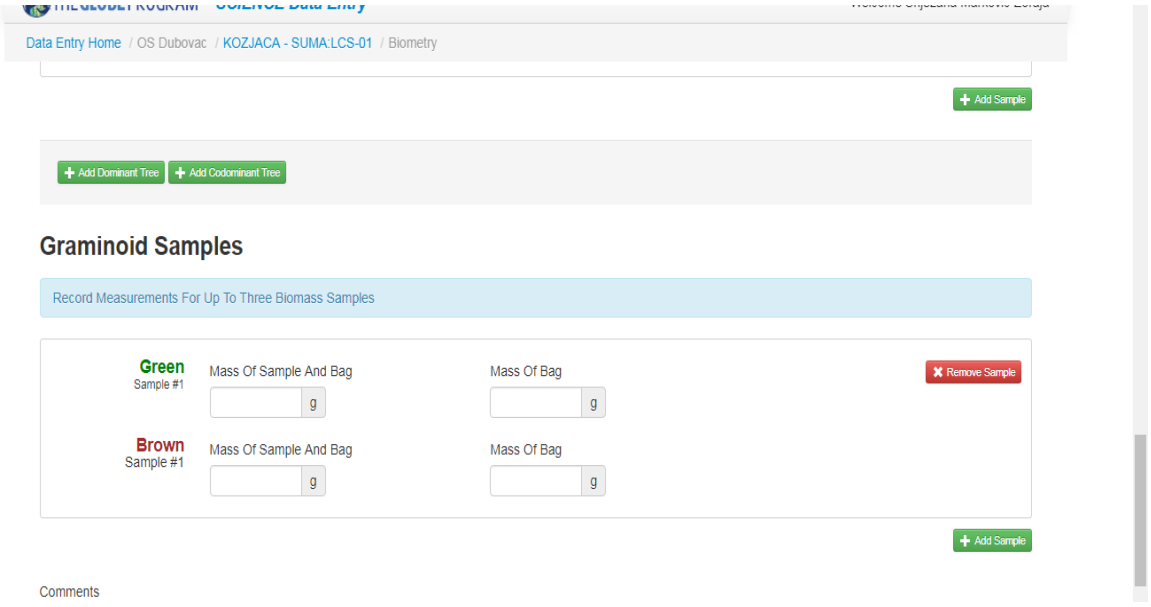

Biometry Editing
Measured on date
2019-04-12
* indicates required sections or fields
Biometry
Canopy cover
Canopy Observations
Tree (T)
40
Shrub (SB)
0
Canopy Type
Evergreen
0
Deciduous
40
Ground Cover
Ground Observations
Green (G)
25
Brown (B)
0
Ground Type
Graminoid (GD)
18
Forb (FB)
0

Total "-" observations (no vegetation)
0
Total "-" observations (no vegetation)
15
Other Green (OG)
7
Shrub (SB)
0
Dwarf Shrub (DS)
0

Shrub Cover
Total "+" observations
0
Total
40
Dwarf Shrub Cover
Total "+" observations
0
Total
40

Dominant Vegetation Observations

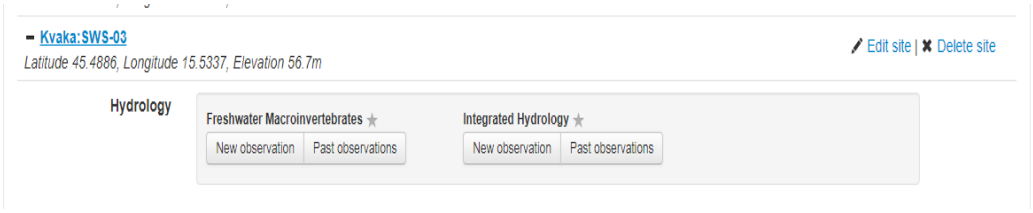

Dominant Trees
Latin Name
Castanea
sativa
Common Name
Record Measurements For Up To Five Trees
Tree #1
Height 1
20.5
m
Height 2
20.5
m
Height 3
20.5
m
Circumference
173
cm
Latitude
45.489148
°
Longitude
15.536749
°
Elevation
122
m
North
South
East
West

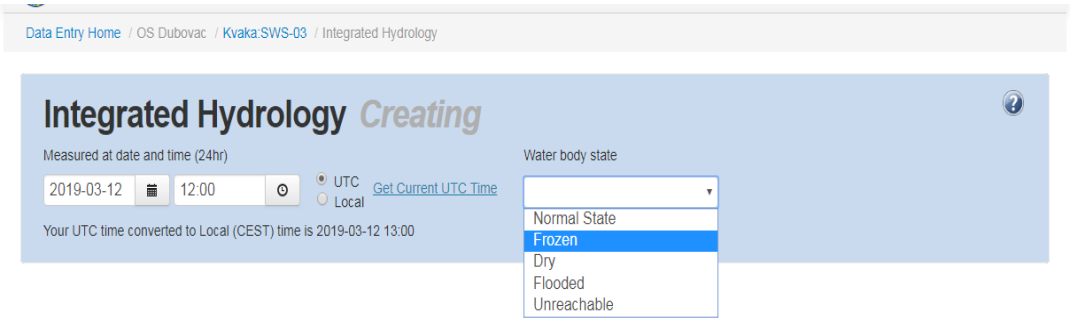


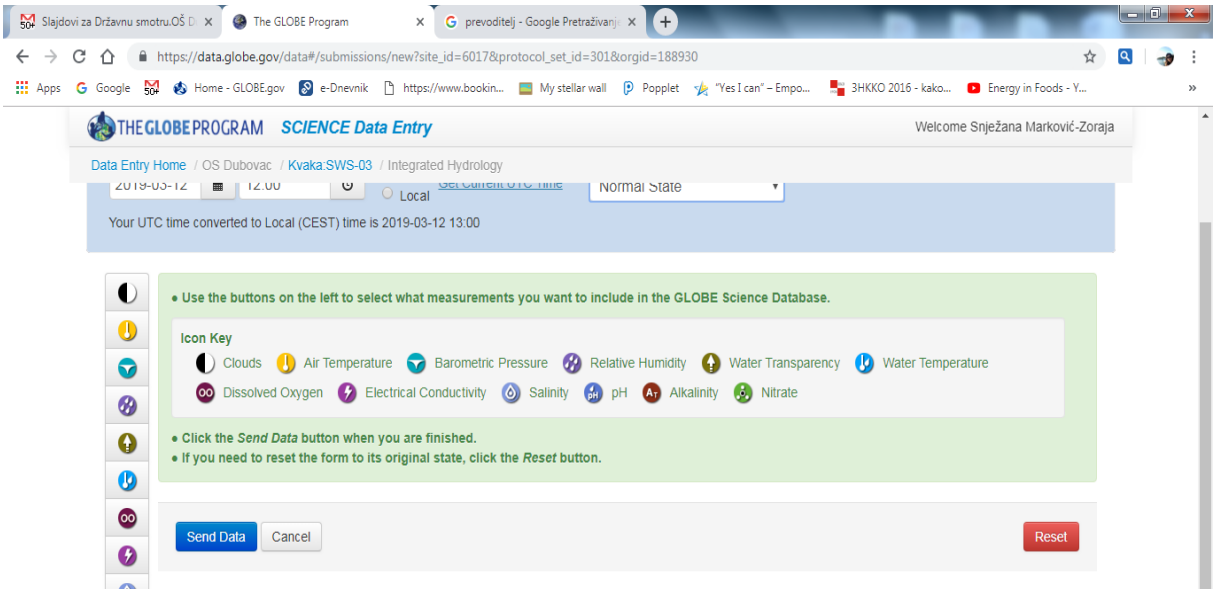
AKO JE > 40% POKROVNOST KROŠNJE NE RADI SE GRAMINOID SAMPLES

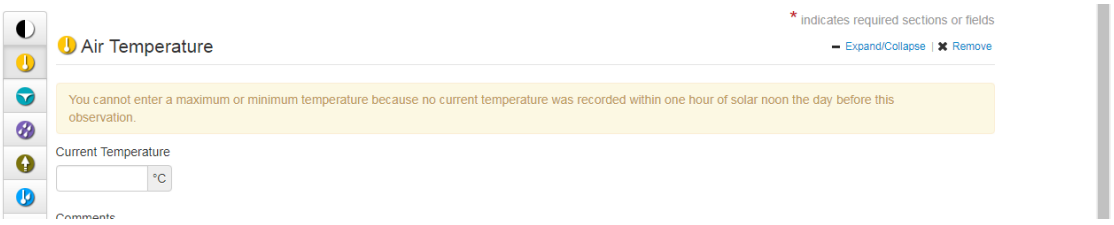
AKO JE <40% POKROVNOST KROŠNJE, POSIJEČE SE TRAVA U POVRŠINI 1 KVADRATNOG METRA I IZVAŽE ZELENA TRVA I SMEĐA TRAVA

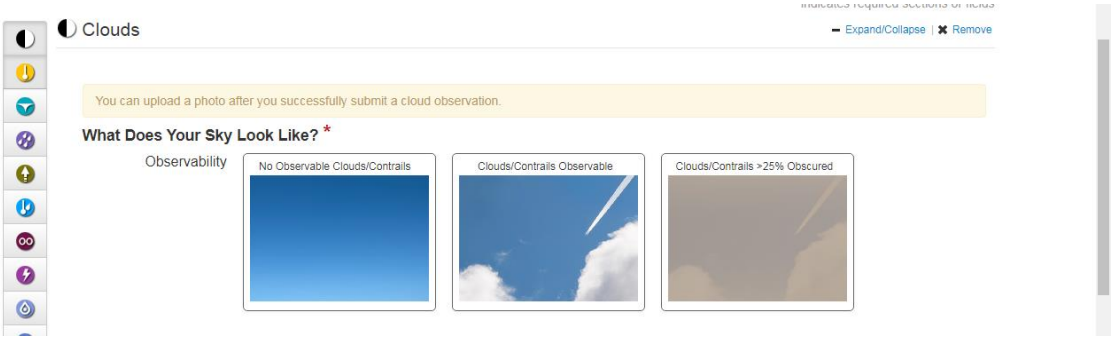
HIDROLOGIJA

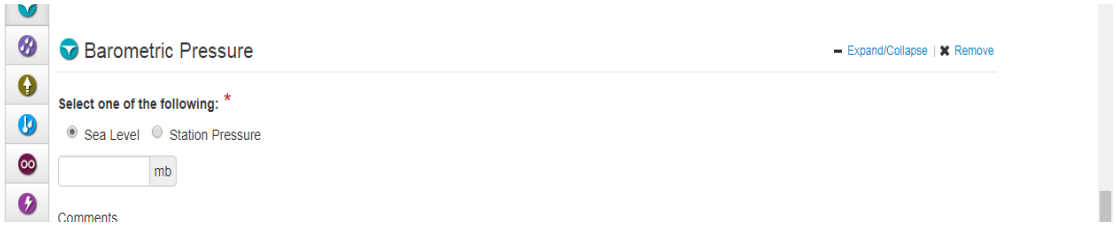


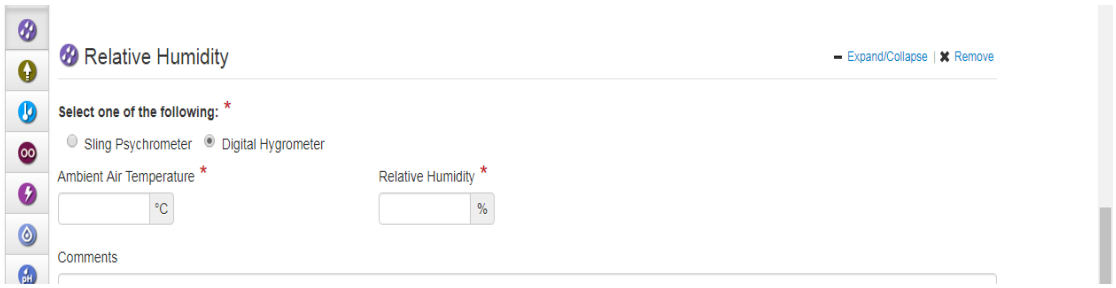


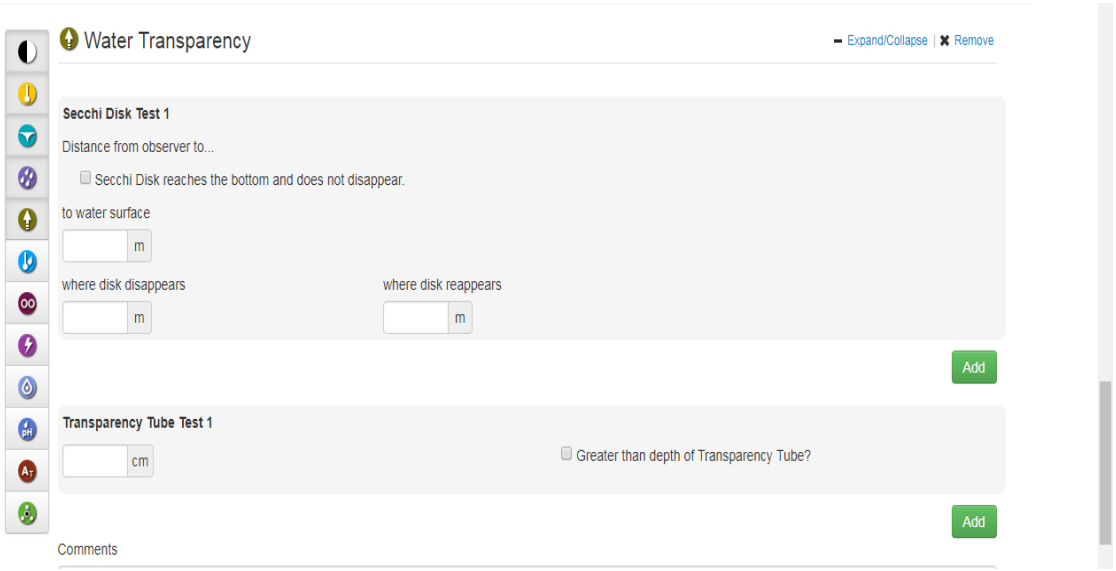


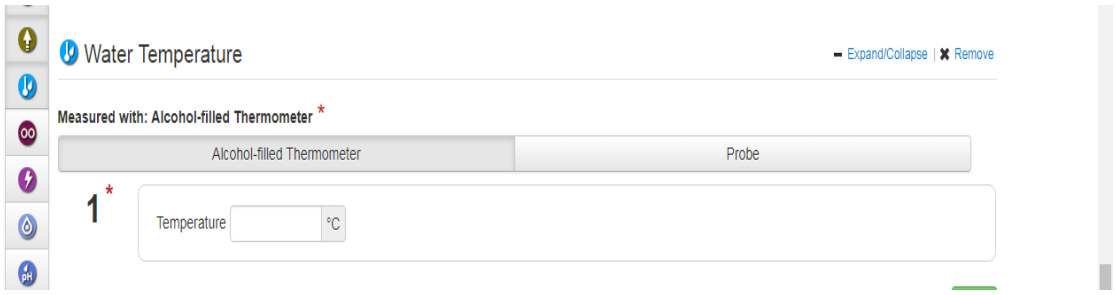


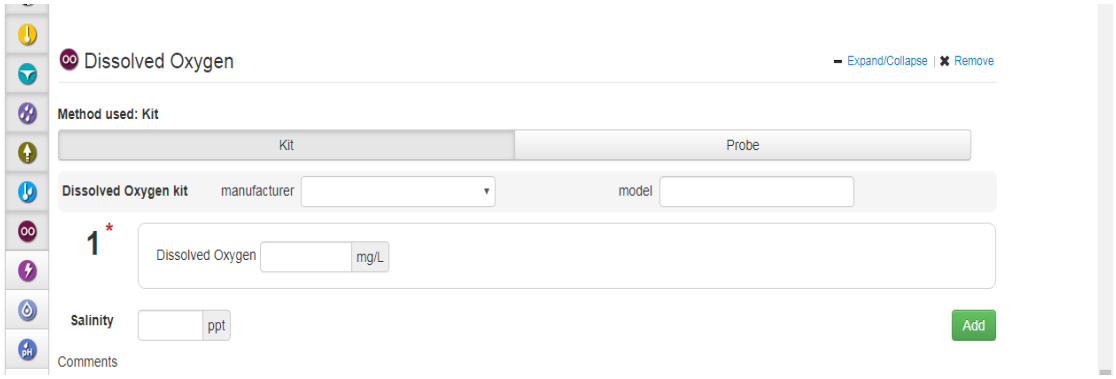


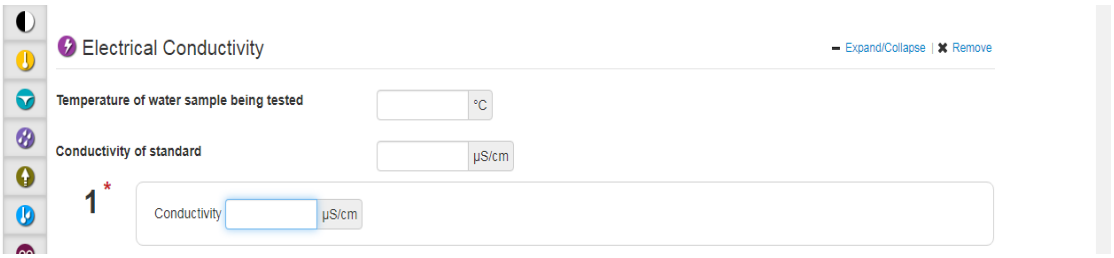

Barometric Pressure
Expand/Collapse | Remove
Select one of the following: *
Sea Level
Station Pressure
mb
Comments

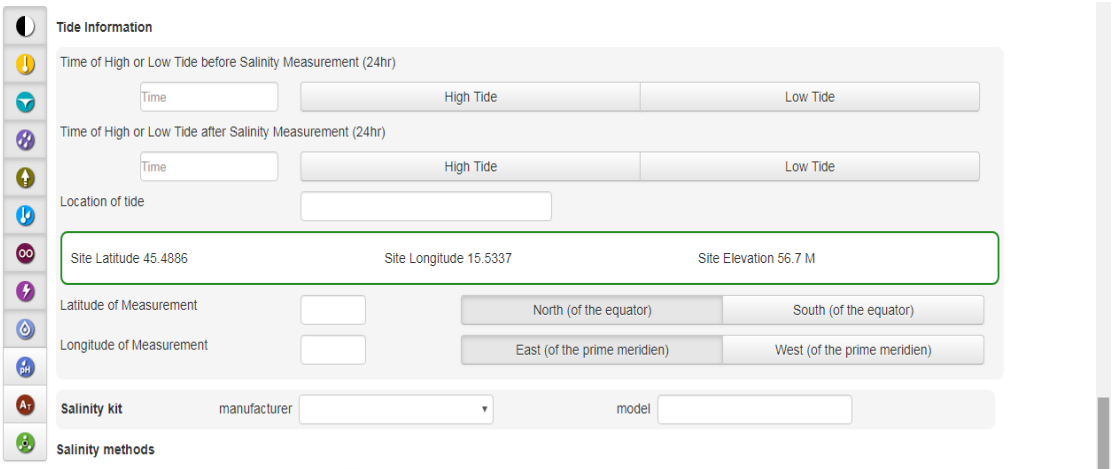

Relative Humidity
Expand/Collapse | Remove
Select one of the following: *
Sling Psychrometer
Digital Hygrometer
Ambient Air Temperature *
°C
Relative Humidity *
%
Comments

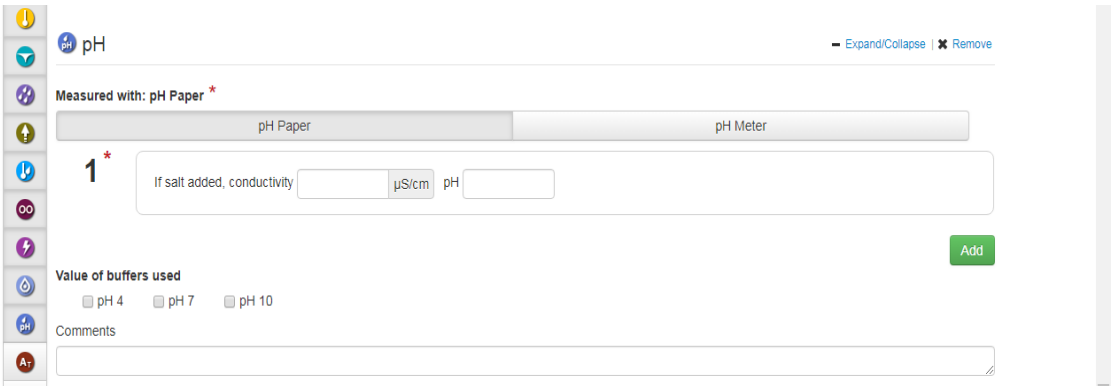

Water Transparency
Expand/Collapse | Remove
Secchi Disk Test 1
Distance from observer to...
Secchi Disk reaches the bottom and does not disappear.
to water surface
m
where disk disappears
m
where disk reappears
m
Add
Transparency Tube Test 1
cm
Greater than depth of Transparency Tube?
Add
Comments


Water Temperature
Expand/Collapse | Remove
Measured with: Alcohol-filled Thermometer *
Alcohol-filled Thermometer
Probe
1 *
Temperature
°C

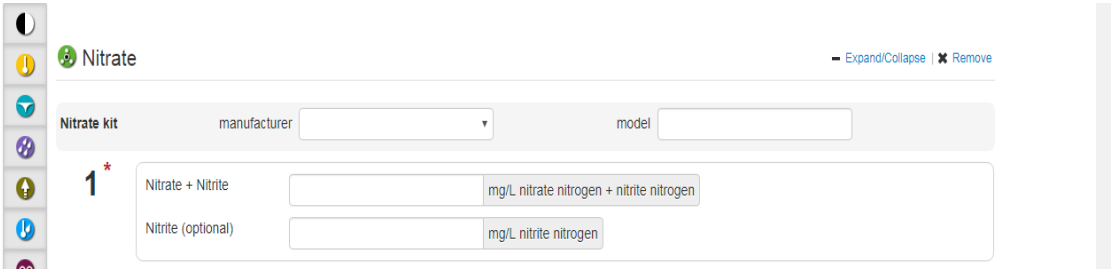

Dissolved Oxygen
Expand/Collapse | Remove
Method used: Kit
Kit
Probe
Dissolved Oxygen kit
manufacturer
model
1 *
Dissolved Oxygen
mg/L
Salinity
ppt
Add
Comments

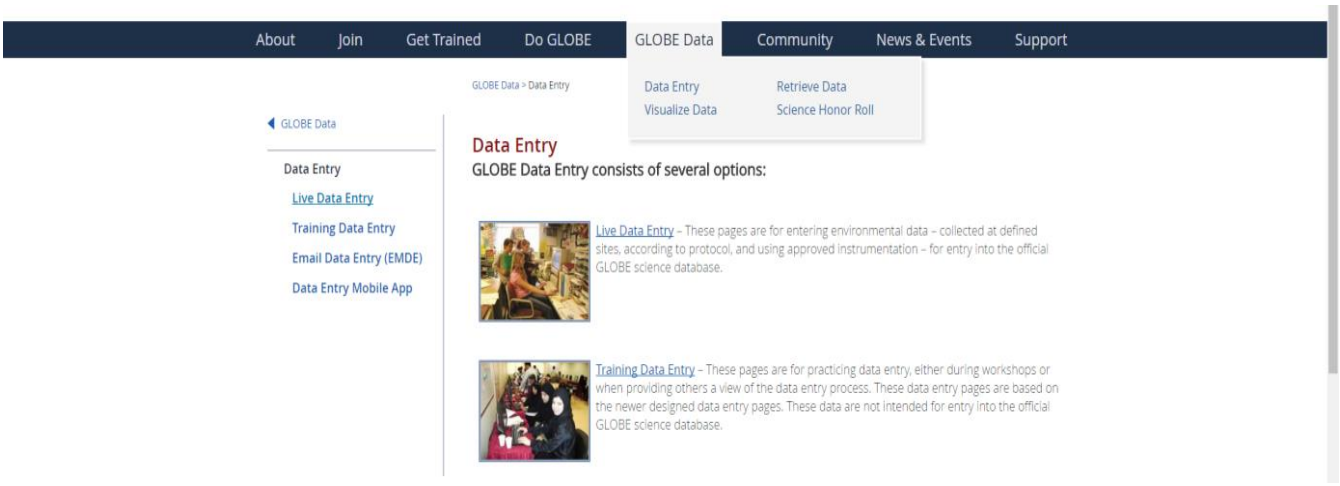

Electrical Conductivity
Expand/Collapse
Remove
Temperature of water sample being tested
°C
Conductivity of standard
µS/cm
1 *
Conductivity
µS/cm


Tide Information
Time of High or Low Tide before Salinity Measurement (24hr)
Time
High Tide
Low Tide
Time of High or Low Tide after Salinity Measurement (24hr)
Time
High Tide
Low Tide
Location of tide
Site Latitude 45.4886
Site Longitude 15.5337
Site Elevation 56.7 M
Latitude of Measurement
North (of the equator)
South (of the equator)
Longitude of Measurement
East (of the prime meridien)
West (of the prime meridien)
Salinity kit
manufacturer
model
Salinity methods
Hydrometer Samples
Titration Samples
Comments


pH
Expand/Collapse
Remove
Measured with: pH Paper *
pH Paper
pH Meter
1 *
If salt added, conductivity
µS/cm
pH
Add
Value of buffers used
pH 4
pH 7
pH 10
Comments

Alkalinity
Expand/Collapse
Remove
Alkalinity kit
Manufacturer
Model
Kit used: reads alkalinity directly
reads alkalinity directly
counts drops
1 *
Alkalinity
mg/L as CaCO3


Nitrate
Expand/Collapse
Remove
Nitrate kit
manufacturer
model
1 *
Nitrate + Nitrite
mg/L nitrate nitrogen + nitrite nitrogen
Nitrite (optional)
mg/L nitrite nitrogen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Visualize Data
Retrieve Data
Science Honor Roll
GLOBE Data > Data Entry
GLOBE Data
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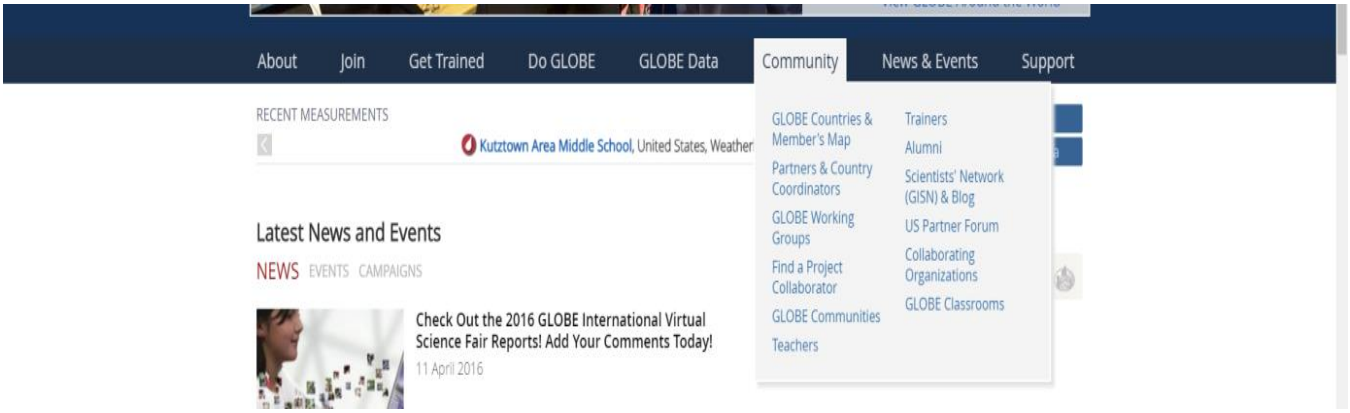
Live Data Entry
Training Data Entry
Email Data Entry (EMDE)
Data Entry Mobile App
Data Entry
GLOBE Data Entry consists of several options:
Live Data Entry – These pages are for entering environmental data – collected at defined sites, according to protocol, and using approved instrumentation – for entry into the official GLOBE science database.
Training Data Entry – These pages are for practicing data entry, either during workshops or when providing others a view of the data entry process. These data entry pages are based on the newer designed data entry pages. These data are not intended for entry into the official GLOBE science database.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Kutztown Area Middle School, United States, Weather
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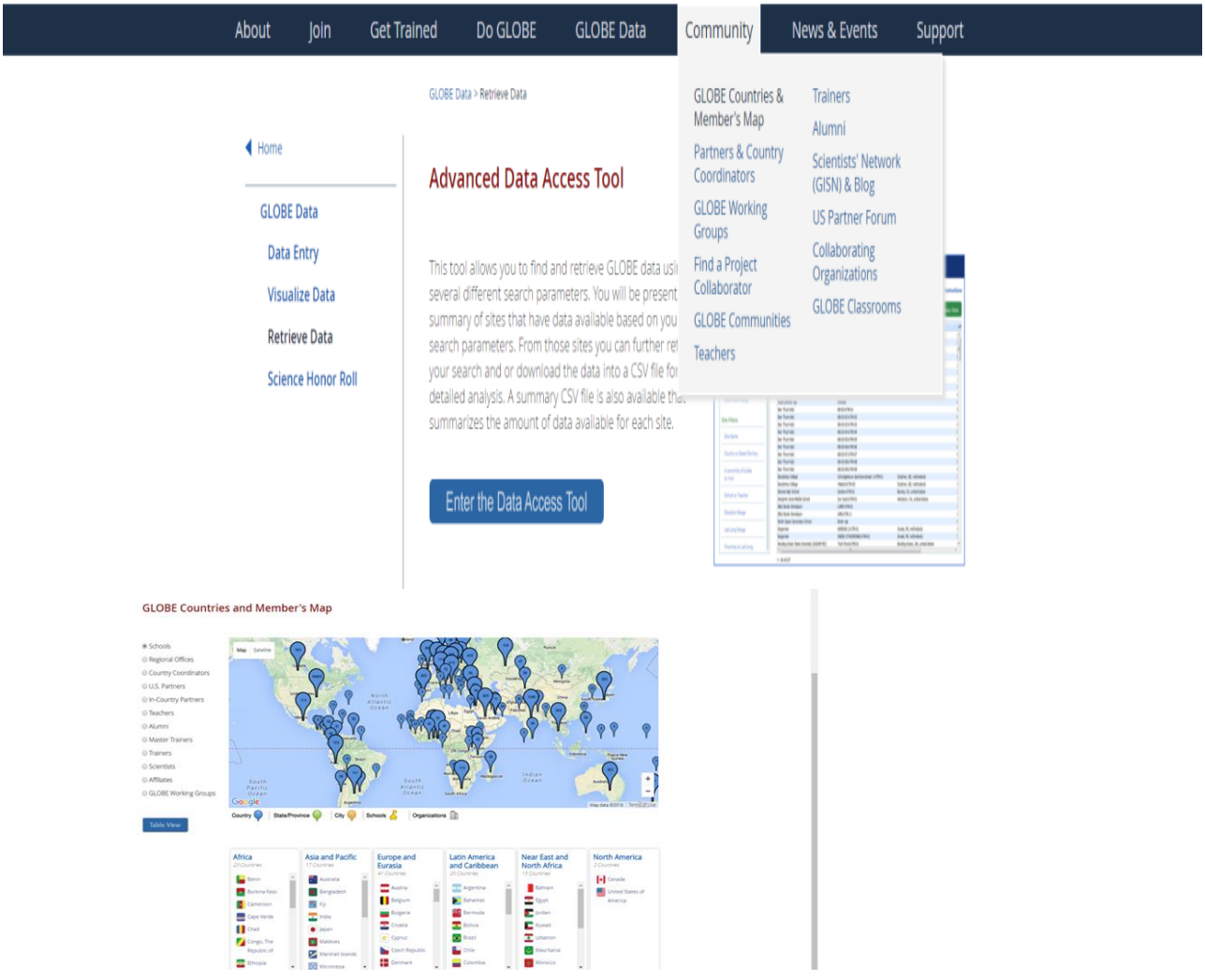
11 April 2016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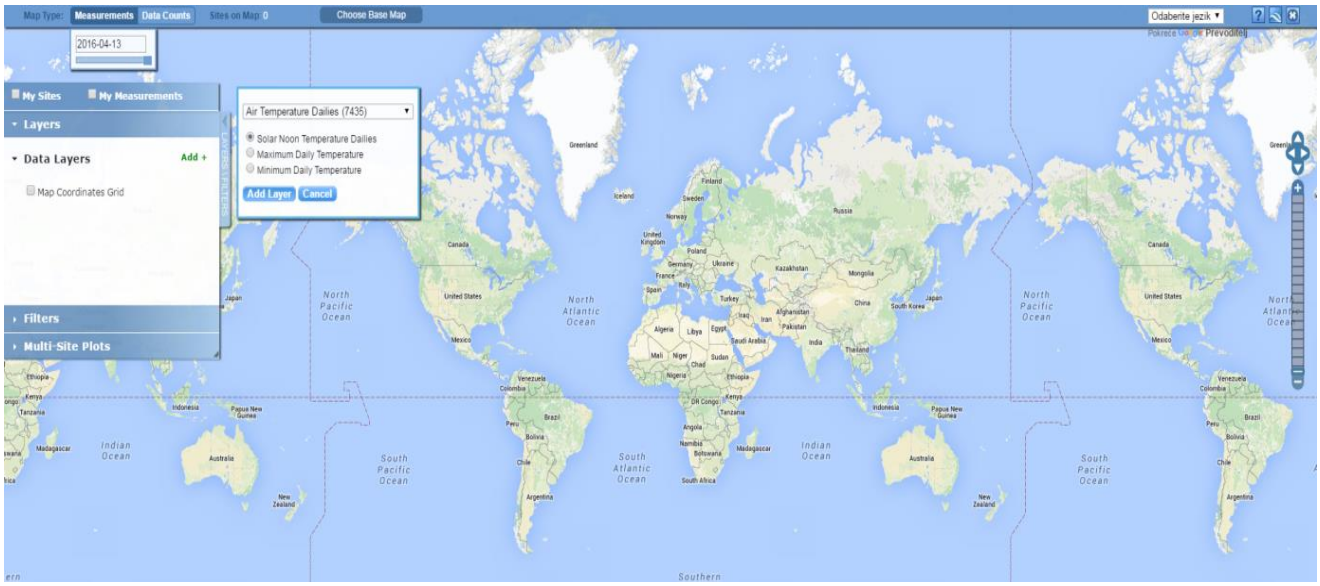
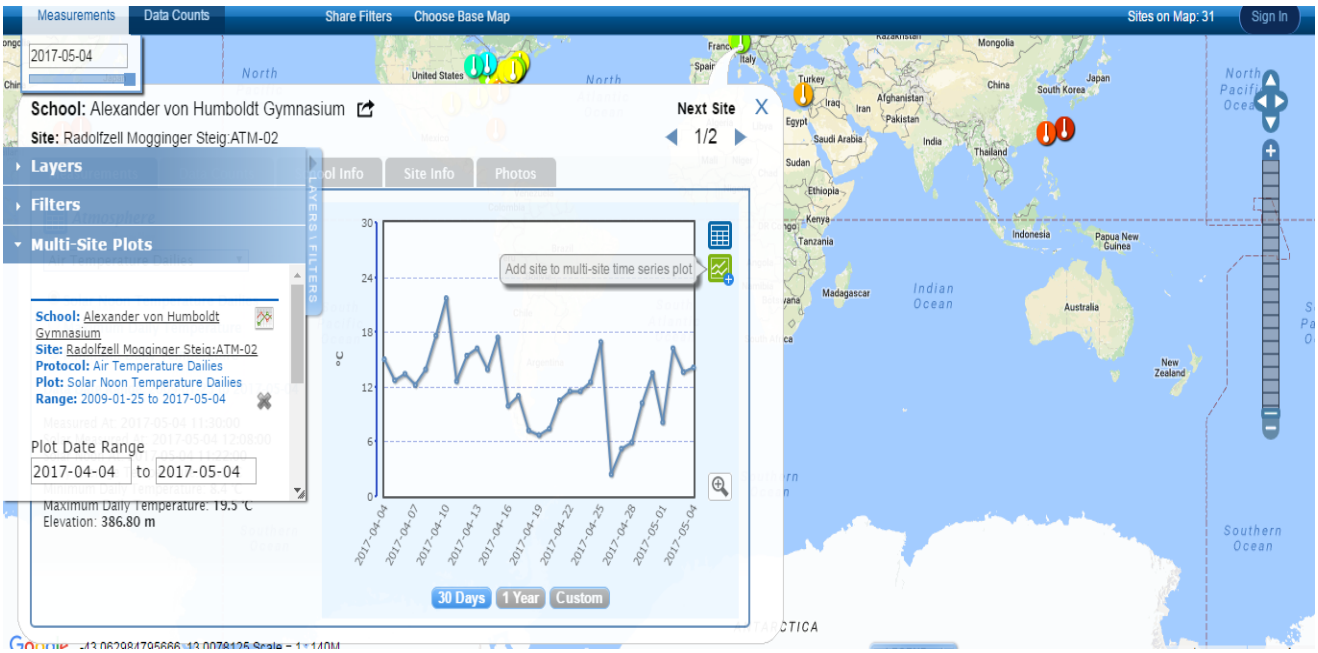
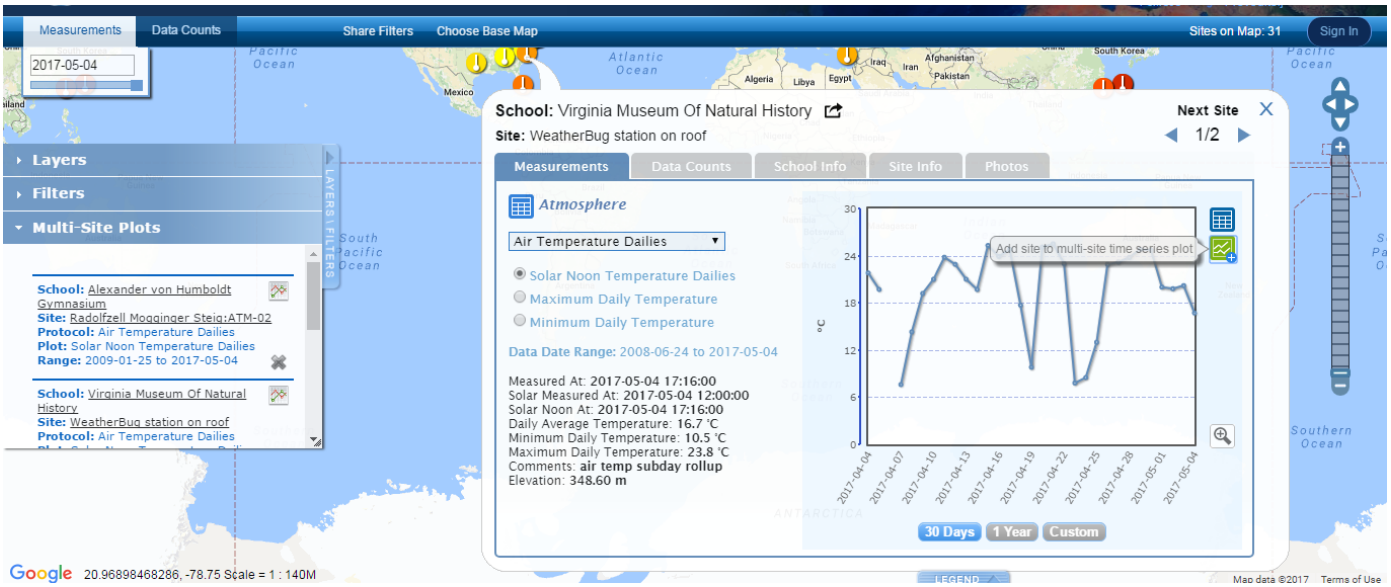
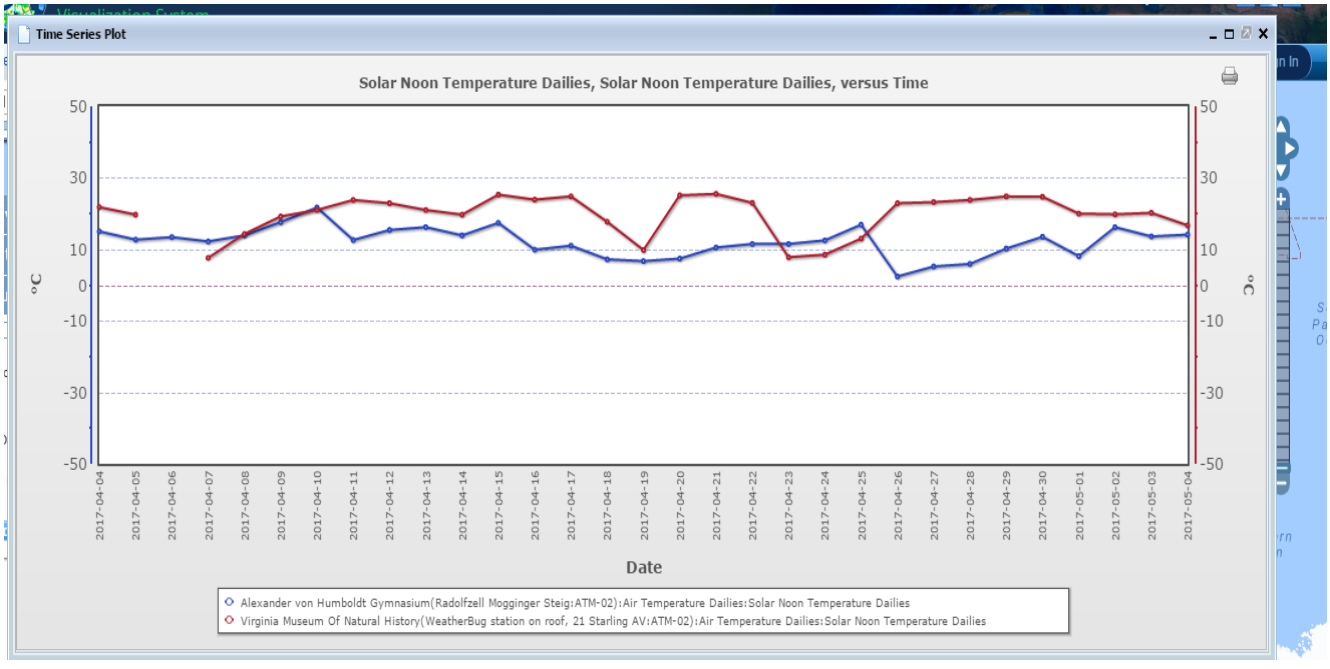
Home
GLOBE Data
Data Entry
Visualize Data
Retrieve Data
Science Honor Roll
Advanced Data Access Tool
This tool allows you to find and retrieve GLOBE data usi
several different search parameters. You will be present
summary of sites that have data available based on you
search parameters. From those sites you can further ref
your search and or download the data into a CSV file fo
detailed analysis. A summary CSV file is also available tha
summarizes the amount of data available for each site.
Enter the Data Access Tool
GLOBE Countries & Member's Map
Partners & Country Coordinators
GLOBE Working Groups
Find a Project Collaborator
GLOBE Communities
Teachers
Trainers
Alumni
Scientists' Network (GISN) & Blog
US Partner Forum
Collaborating Organizations
GLOBE Classrooms
GLOBE Countries and Member's Map
Table View
Africa
Asia and Pacific
Europe and Eurasia
Latin America and Caribbean
Near East and North Africa
North America

PRETRAŽIVANJE I IZRADA GRAFIKONA – VISUALIZE DATA

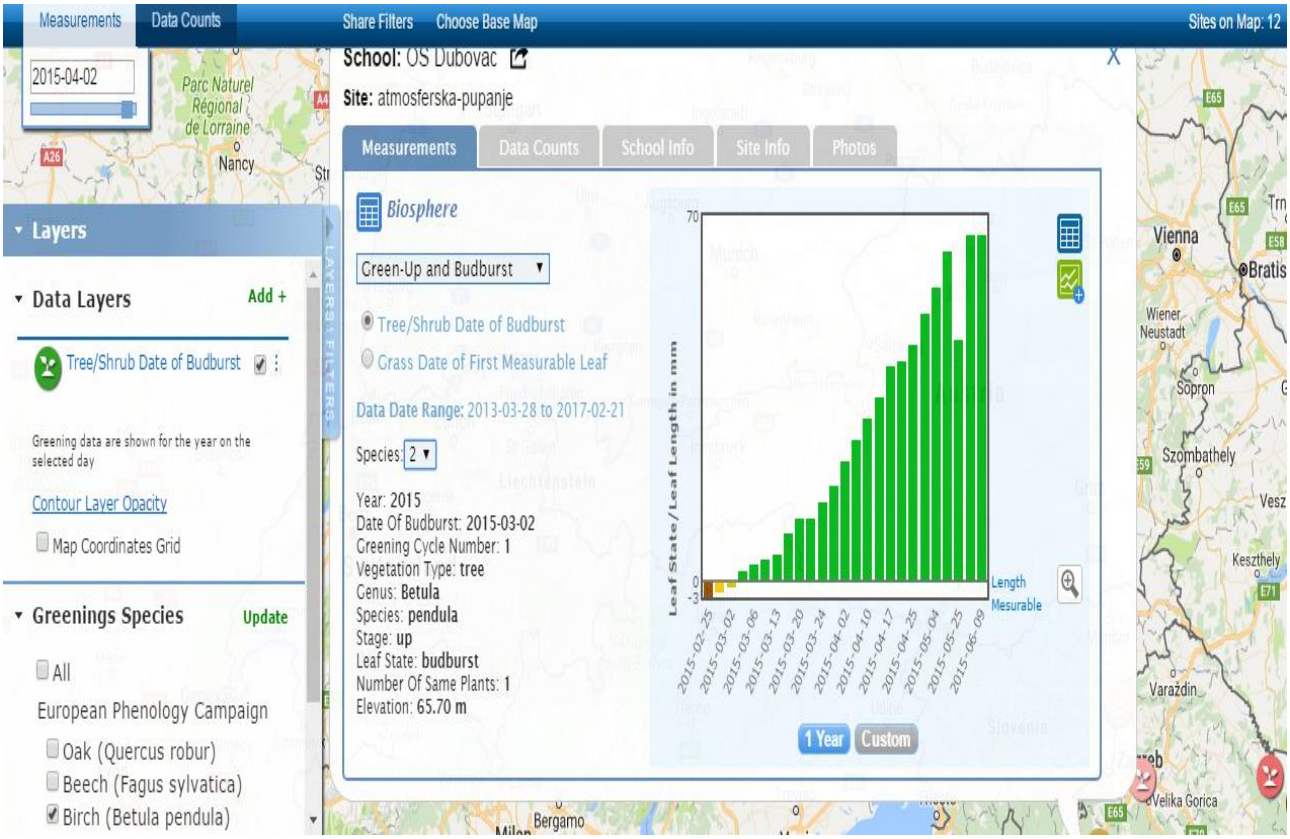



Measurements
Data Counts
Share Filters
Choose Base Map
Sites on Map: 31
Sign In
2017-05-04
School: Alexander von Humboldt Gymnasium
Site: Radolfzell Mogginger Steig:ATM-02
Next Site
1/2
Layers
Filters
Multi-Site Plots
Site Info
Photos
Add site to multi-site time series plot
School: Alexander von Humboldt Gymnasium
Site: Radolfzell Mogginger Steig:ATM-02
Protocol: Air Temperature Dailies
Plot: Solar Noon Temperature Dailies
Range: 2009-01-25 to 2017-05-04
Plot Date Range
2017-04-04
to
2017-05-04
Maximum Daily Temperature: 19.5 °C
Elevation: 386.80 m
30 Days
1 Year
Custom
Indian Ocean
Southern Ocean
Australia


Measurements
Data Counts
Share Filters
Choose Base Map
Sites on Map: 31
Sign In
2017-05-04
School: Virginia Museum Of Natural History
Site: WeatherBug station on roof
Next Site
1/2
Layers
Filters
Multi-Site Plots
Measurements
Data Counts
School Info
Site Info
Photos
Atmosphere
Air Temperature Dailies
Solar Noon Temperature Dailies
Maximum Daily Temperature
Minimum Daily Temperature
Add site to multi-site time series plot
Data Date Range: 2008-06-24 to 2017-05-04
Measured At: 2017-05-04 17:16:00
Solar Measured At: 2017-05-04 12:00:00
Solar Noon At: 2017-05-04 17:16:00
Daily Average Temperature: 16.7 °C
Minimum Daily Temperature: 10.5 °C
Maximum Daily Temperature: 23.8 °C
Comments: air temp subday rollup
Elevation: 348.60 m
30 Days
1 Year
Custom
Google
20.96898468286, -78.75 Scale = 1 : 140M
Map data ©2017
Terms of Use


Time Series Plot
Solar Noon Temperature Dailies, Solar Noon Temperature Dailies, versus Time
°C
°C
Date
Alexander von Humboldt Gymnasium(Radolfzell Mogginger Steig:ATM-02):Air Temperature Dailies:Solar Noon Temperature Dailies
Virginia Museum Of Natural History(WeatherBug station on roof, 21 Starling AV:ATM-02):Air Temperature Dailies:Solar Noon Temperature Dailies

Measurements
Data Counts
Share Filters
Choose Base Map
Sites on Map: 169
Sign In
2015-04-02
Layers
Data Layers
Add +
Tree/Shrub Date of Budburst
Greening data are shown for the year on the selected day
Contour Layer Opacity
Map Coordinates Grid
Greenings Species
Update
All
European Phenology Campaign
Oak (Quercus robur)
Beech (Fagus sylvatica)
Birch (Betula pendula)
Filters


Measurements
Data Counts
Share Filters
Choose Base Map
Sites on Map: 12
2015-04-02
School: OS Dubovac
Site: atmosferska-pupanje
Measurements
Data Counts
School Info
Site Info
Photos
Biosphere
Green-Up and Budburst
Tree/Shrub Date of Budburst
Grass Date of First Measurable Leaf
Data Date Range: 2013-03-28 to 2017-02-21
Species: 2
Year: 2015
Date Of Budburst: 2015-03-02
Greening Cycle Number: 1
Vegetation Type: tree
Genus: Betula
Species: pendula
Stage: up
Leaf State: budburst
Number Of Same Plants: 1
Elevation: 65.70 m
Leaf State/Leaf Length in mm
Length
Mesurable
1 Year
Custom
Layers
Data Layers
Add +
Tree/Shrub Date of Budburst
Greening data are shown for the year on the selected day
Contour Layer Opacity
Map Coordinates Grid
Greenings Species
Update
All
European Phenology Campaign
Oak (Quercus robur)
Beech (Fagus sylvatica)
Birch (Betula pendula)