

CHS and NOAA S-111 datasets

Since we do not have a S-111 viewer we have done some checks on dataset names, sizes of the datasets and their coverage.

Below you will find some information about S-111 datasets from CHS and NOAA. Check of dataset names are based on a selection of datasets. Dataset sizes and coverage are based on all available datasets (NOAA = 800 datasets and CHS 1287 datasets).

S-111 Dataset Names:

NOAA:

Starts with product type and country code and then information about the forecast modelling system. It also looks like "dataset names" include date/time stamps.

(Example; Northeast Gulf of Mexico Operational Forecast System (NEGOFs))

111USA1_NEGOFs_20210306T15Z_US4MS1CE	30.3025856	-89.0974121	30.597414	-
88.8025894	402.5 kB	S-111		
111USA1_NEGOFs_20210306T15Z_US4MS1CF	30.3025856	-88.7974167	30.597414	-
88.5025864	346.9 kB	S-111		
111USA1_NGOFs_20210306T21Z_US4AL1BA	30.0051708	-88.4948273	30.2948284	-
88.2051697	408.3 kB	S-111		
111USA1_NGOFs_20210306T21Z_US4AL1BB	30.0051708	-88.1948242	30.2948284	-
87.9051743	404.7 kB	S-111		
111USA1_NGOFs_20210306T21Z_US4AL1BC	30.0051708	-87.8948288	30.2948284	-
87.6051712	367.6 kB	S-111		

CHS:

Starts with product type and country code and location of data.

111CA0024100N04400W	41	-44	42	-43	303.0 kB	S-111
111CA0024100N04500W	41	-45	42	-44	303.5 kB	S-111
111CA0024100N04600W	41	-46	42	-45	303.5 kB	S-111
111CA0024100N04700W	41	-47	42	-46	303.9 kB	S-111
111CA0024100N04800W	41	-48	42	-47	302.6 kB	S-111

S-111 Dataset Sizes:

We did a search of all available S-111 datasets and found the maximum and minimum sizes:

NOAA:

Maximum size: 1.39 MB

Minimum size: 87.7 KB

CHS:

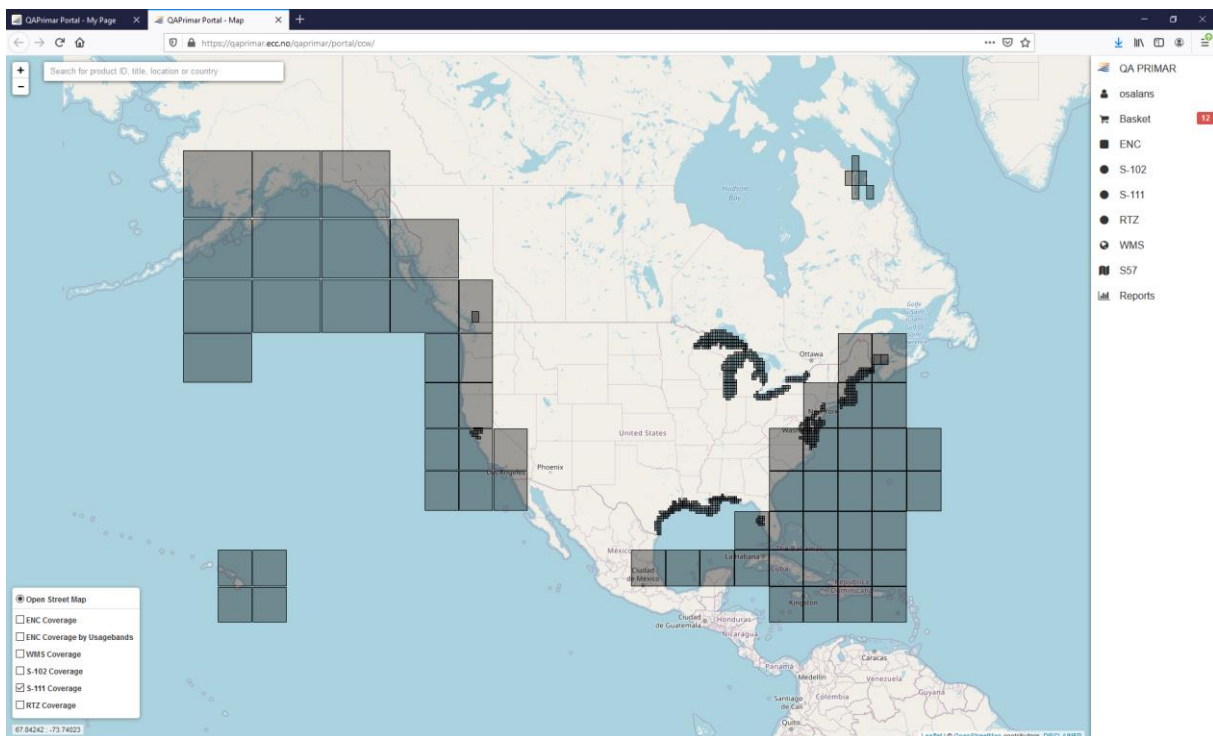
Maximum size: 308 KB

Minimum size: 98.5 KB

S-111 Coverage:

Below you will see how the NOAA S-111 datasets (800) are shown in the PRIMAR Test Chart Catalogue (Some CA S-111 datasets are also shown).

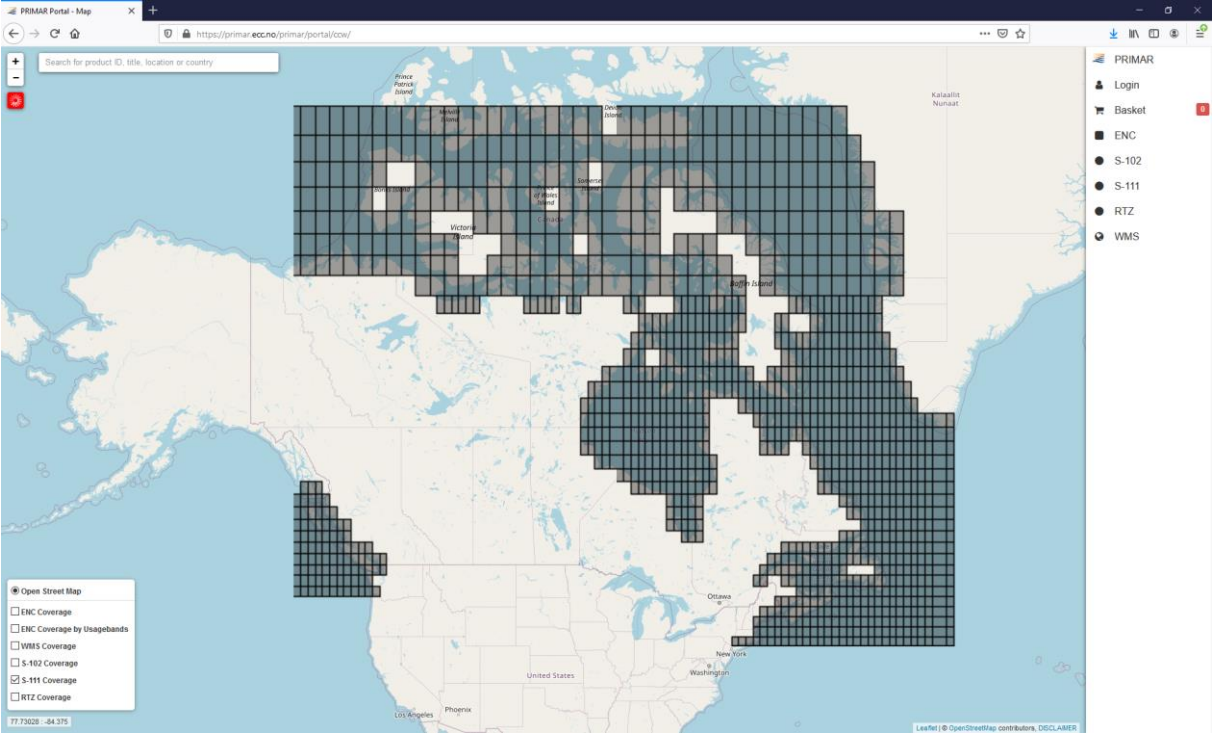
NOAA S-111 test datasets:



NOAA datasets not based on a fixed grid.

Below you will see how the CHS S-111 datasets (1287) are shown in the PRIMAR Chart Catalogue.

CHS S-111 datasets in PRIMAR Chart Catalogue:



CHS datasets based on a fixed grid.