HamClock Touch Controls and Map Symbol Key
V 1.81

Cycle Call sign background colors

Cycle Call sign foreground colors

Zero seconds

Check for update

Toggle Sunspots or Solar flux; shows weather after new DX

Set to UTC

Lock screen on/off
Hold to restart

Toggle XRay or Kp index

Cycle Solar images

Toggle NCDXF beacons on/off

Cycle optional sensor graphs

Ahead one hour or minute

Back one hour or minute

Ahead one day, month, date or year

Back one day, month, date or year

Toggle analog clock

DE North 1 degree

DE South 1 degree

Choose satellite

DX North 1 degree

DX South 1 degree

Toggle Miles or km

Display brighter

Display dimmer

NCDXF beacon

Toggle Mercator or Azimuthal map

DE Add 1 hour

DE East 1 degree

DE West 1 degree

Hold to set DE

DX Add 1 hour

DX West 1 degree

DX East 1 degree

Sun

Moon

DE Antipode

Long path

Short path

Tap to set DX

Toggle RSS feeds on/off

Southgate: Hurricane Florence: ARRL Hurricanes page

Satellite View Controls and Key

Sat name;
Tap to change

Next Rise or Set at DE

Next pass track;
heavier when visible

Sky dome as
seen from DE

Zenith

S marks set
end of pass

Maximum pass
elevation

Concentric circles
show where Sat is on
horizon, 30º and 60º up

Tap current location
to see pass info

Ground track for
one future orbit

The lower left area of HamClock is normally used to display DX information. But if you tap on the current location of the satellite, this area is repurposed to display the satellite name; the time until next rise or set; and a diagram showing the overhead view of the next pass. To emphasize this new purpose, the text color also changes to match the satellite path color on the map. This repurposing continues to show a count down. Before the satellite rises, the time is a countdown showing time until the next rise. If it is more than an hour away the units are Hour:Min. Once it becomes less than an hour until rise it changes to Min:Sec. When the satellite rises, the count changes to a countdown in Min:Sec showing the time remaining until set. When it sets, the next pass is calculated and the cycle repeats like this forever. Tap on the name to choose a different satellite.

The lower left area goes back to the normal DX info if you tap anywhere on the map other than where the satellite is currently.