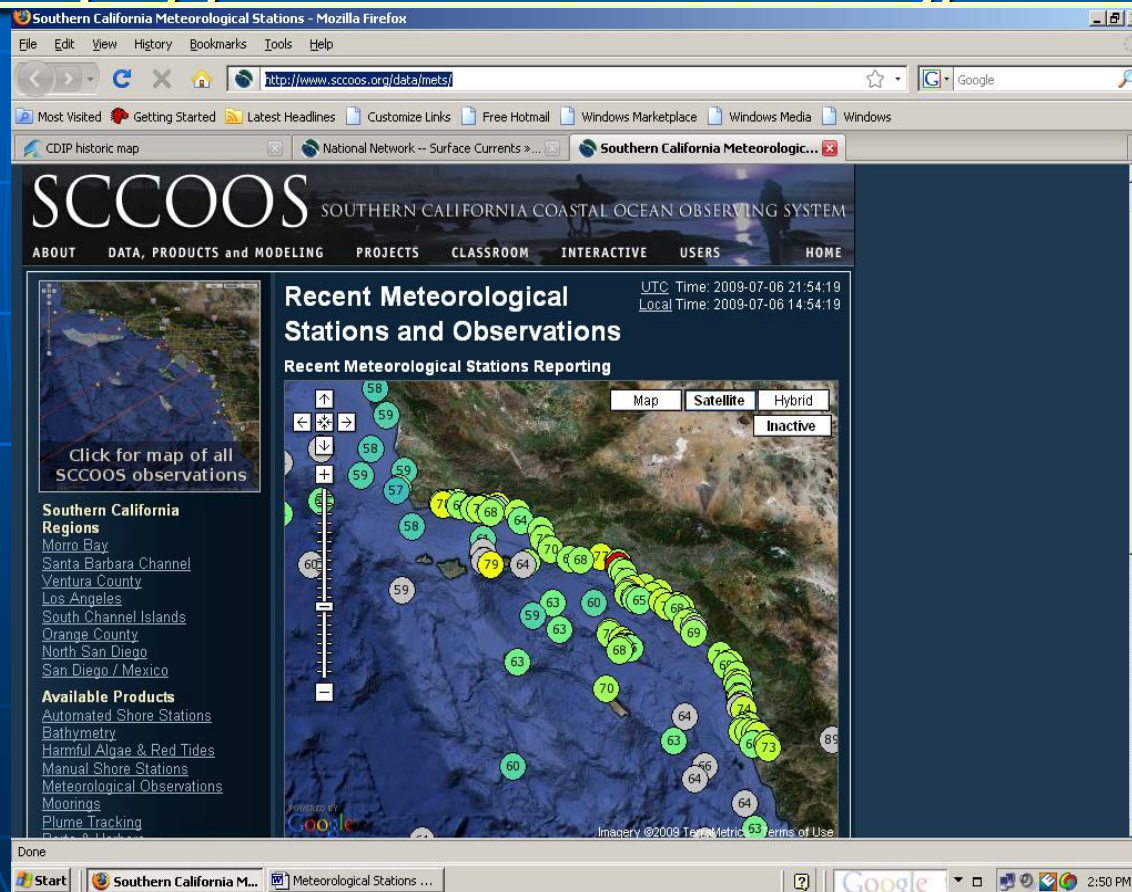


# SCCOOS Website Training

Meteorological Stations

# 1. Go to the Recent Meteorological Stations and Observations webpage at <http://www.sccoos.org/data/mets>

L



## 2. Scroll down the page and click on “View Full Page”

Southern California Meteorological Stations - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://www.sccoos.org/data/mets/

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**Southern California Regions**  
[Morro Bay](#)  
[Santa Barbara Channel](#)  
[Ventura County](#)  
[Los Angeles](#)  
[South Channel Islands](#)  
[Orange County](#)  
[North San Diego](#)  
[San Diego / Mexico](#)

**Available Products**  
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[Harmful Algae & Red Tides](#)  
[Manual Shore Stations](#)  
[Meteorological Observations](#)  
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[Plume Tracking](#)  
[Ports & Harbors](#)  
[ROMS Model Output](#)  
[Satellite Imagery](#)  
[Ship Tracking \(AIS\)](#)  
[Ships & Gliders](#)  
[Shoreline Water Quality](#)  
[Surface Current Mapping](#)  
[Wave Conditions \(CDIP\)](#)  
[Winds & Rainfall Forecasts](#)

[Grab Raw Data](#)

Click location on map to view station info and recent observations

**Now Showing:**  
Channel:  Units:

**Filters:**

Providers:   
SCCOOS  
OCSD  
MesoWest  
RAWS  
APRSWXNET  
OTHER-MTR  
WXforYou  
NOS-PORTS

Regions:   
Santa Barbara Channel  
Ventura County  
South Channel Islands  
Los Angeles County  
Orange County  
North San Diego  
San Diego  
All Regions

Distance:

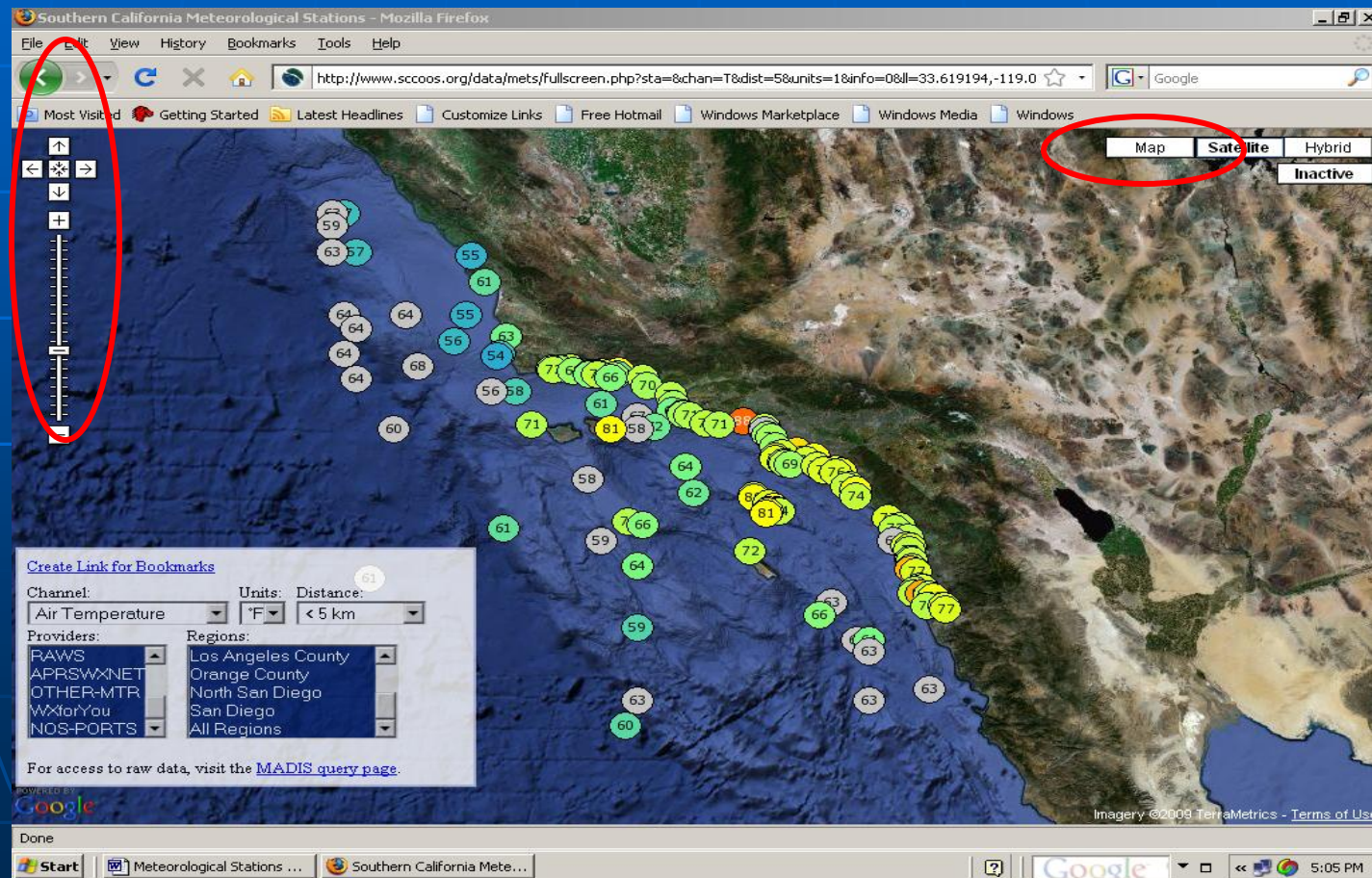
[View Full Page](#)

Done

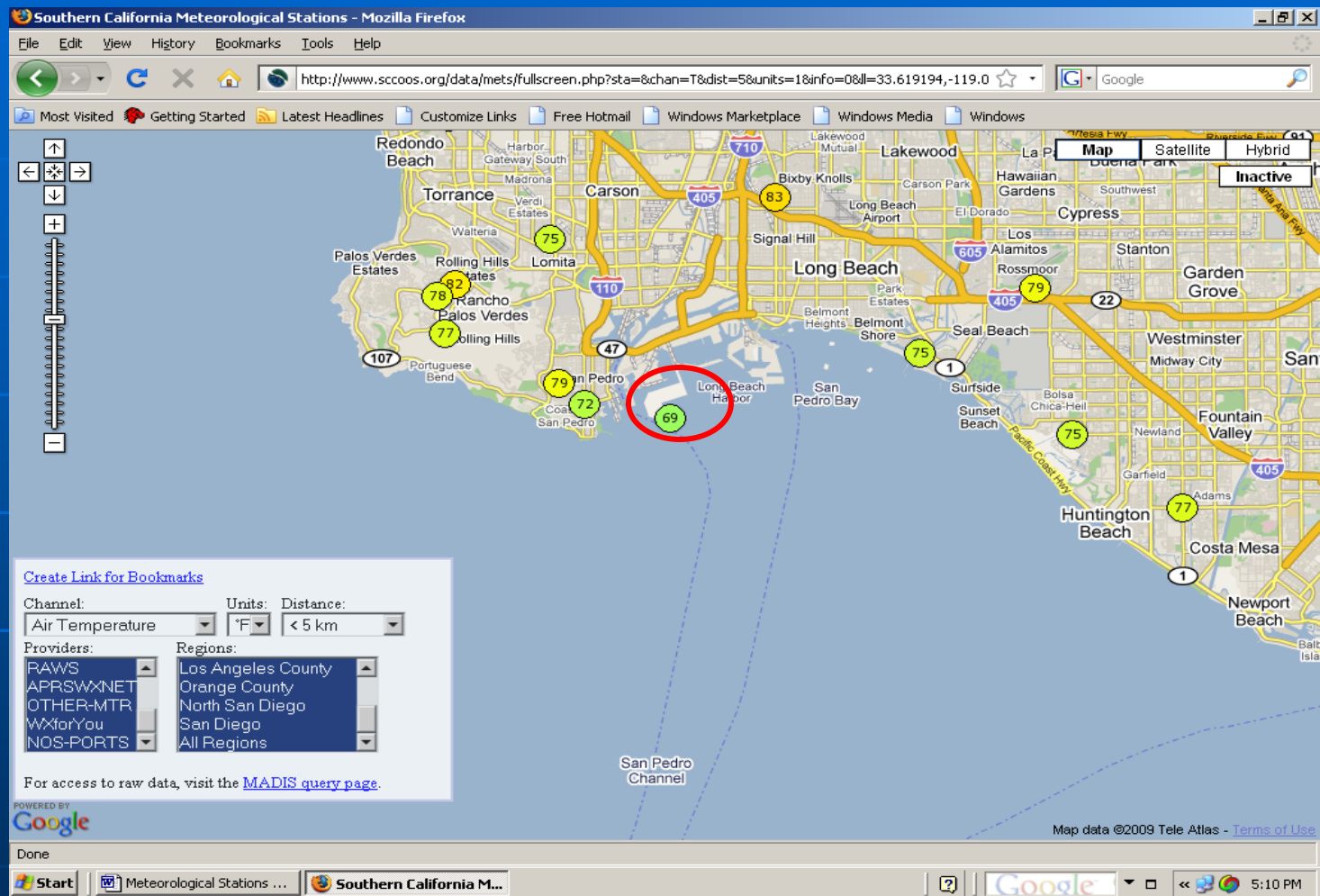
Start Meteorological Stations ... Southern California M... Google 5:07 PM



## 4. Zoom in to locate the station that is closest to Long Beach Harbor



# 5. Click on the station closest to Long Beach Harbor



## What are the coordinates of this station?

ANSWER:  
33.71600 N  
118.24600 W

## 7. Click on the Recent Observations tab

The screenshot shows a web browser window titled "Southern California Meteorological Stations - Mozilla Firefox". The address bar displays the URL: <http://www.sccoos.org/data/mets/fullscreen.php?sta=8&chan=T&dist=5&units=1&info=0&ll=33.619194,-119.0>. The "Recent Obs." tab is highlighted with a red circle. A pop-up window displays the following information:

Station ID: NP162  
Last Sample Time:  
UTC: 2009-07-11 01:00:00  
Local: 2009-07-10 18:00:00

Measurements:

	Metric	English
Air Temp:	20.80 °C	69.44 °F
Altimeter:	101.23 kPa	1012.30 mb
Elevation:	0.00 m	0.00 ft
Pressure:	101.26 kPa	1012.60 mb
Wind Dir:	242.00 ° from N	242.00 ° from N
Wind Gust:	6.30 m/s	12.25 knots
Wind Sp:	4.90 m/s	9.52 knots

At the bottom left, there is a "Create Link for Bookmarks" section with dropdown menus for "Channel" (set to Air Temperature), "Units" (set to °F), and "Distance" (set to < 5 km). Below this are lists for "Providers" (RAWS, APRSWXNET, OTHER-MTR, WXorYou, NOS-PORTS) and "Regions" (Los Angeles County, Orange County, North San Diego, San Diego, All Regions). A link to "MADIS query page" is also present.

## 8. Record the most recent observations for the following measurements:

*Air Temperature*

*Air Pressure*

*Wind Speed*

*Wind Direction*

*Wind Gust*

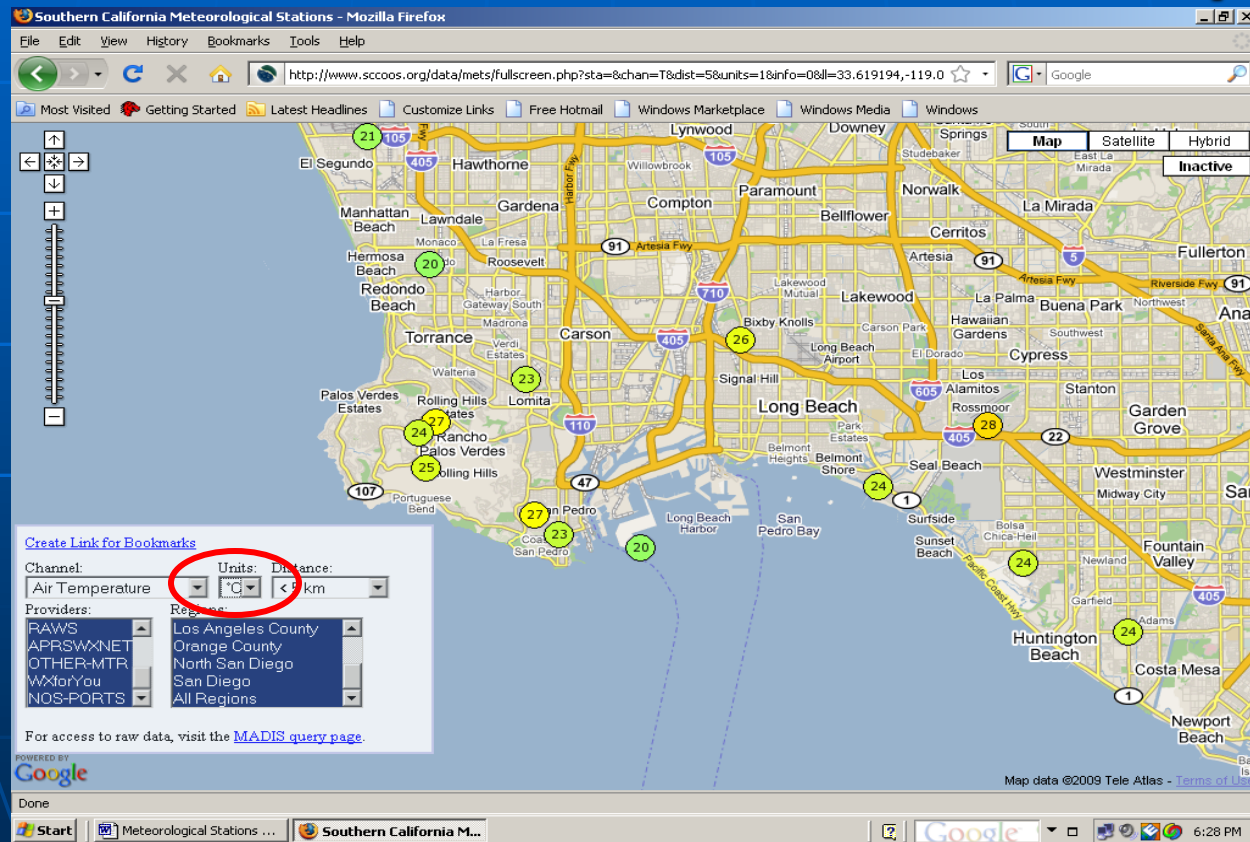
*When was this data collected?*

*\*Answers will vary depending on conditions*



9. Change the units to °C

10. What is the temperature in °C at this station? (The number in the circle is the most recent data)

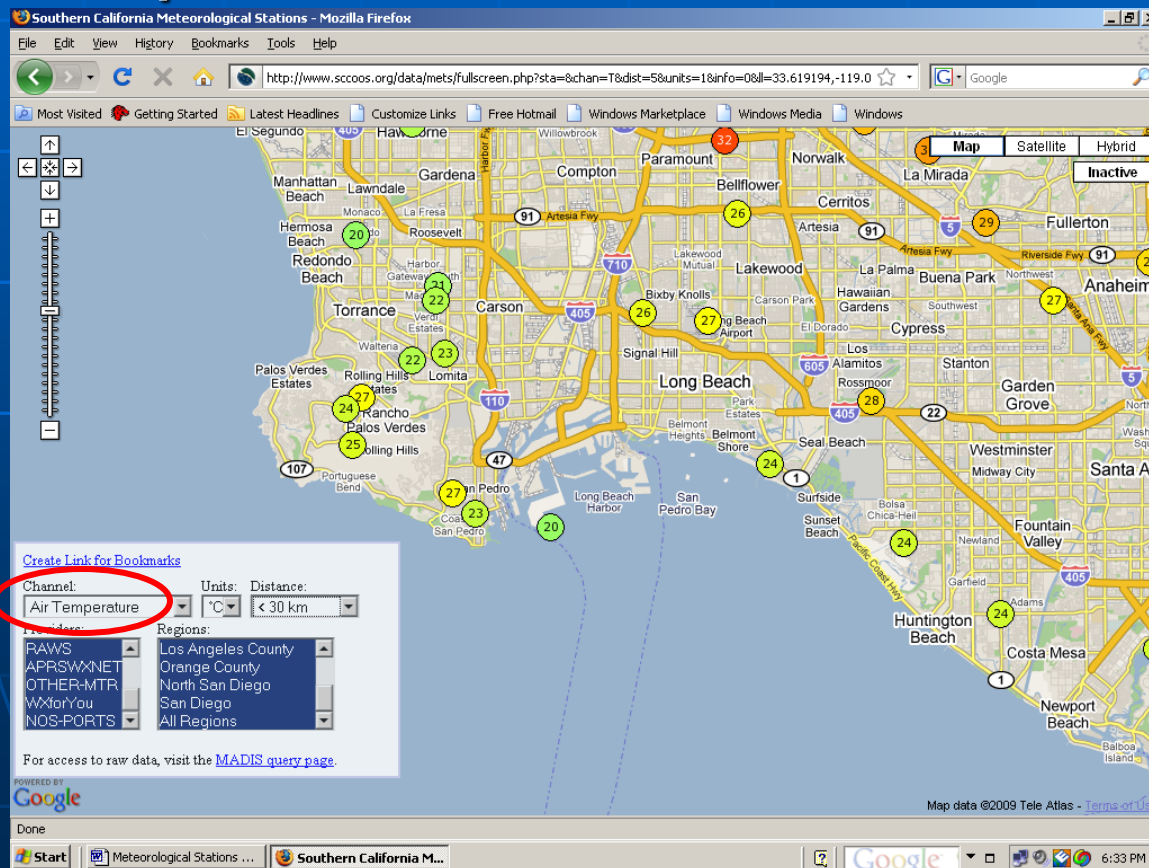


*\*Answers will vary depending on the conditions at the time of the training*



11. Change the distance from the coast to  $<30$  km

12. Which station has the highest air temperature?



13. Click on the station near coastal San Pedro

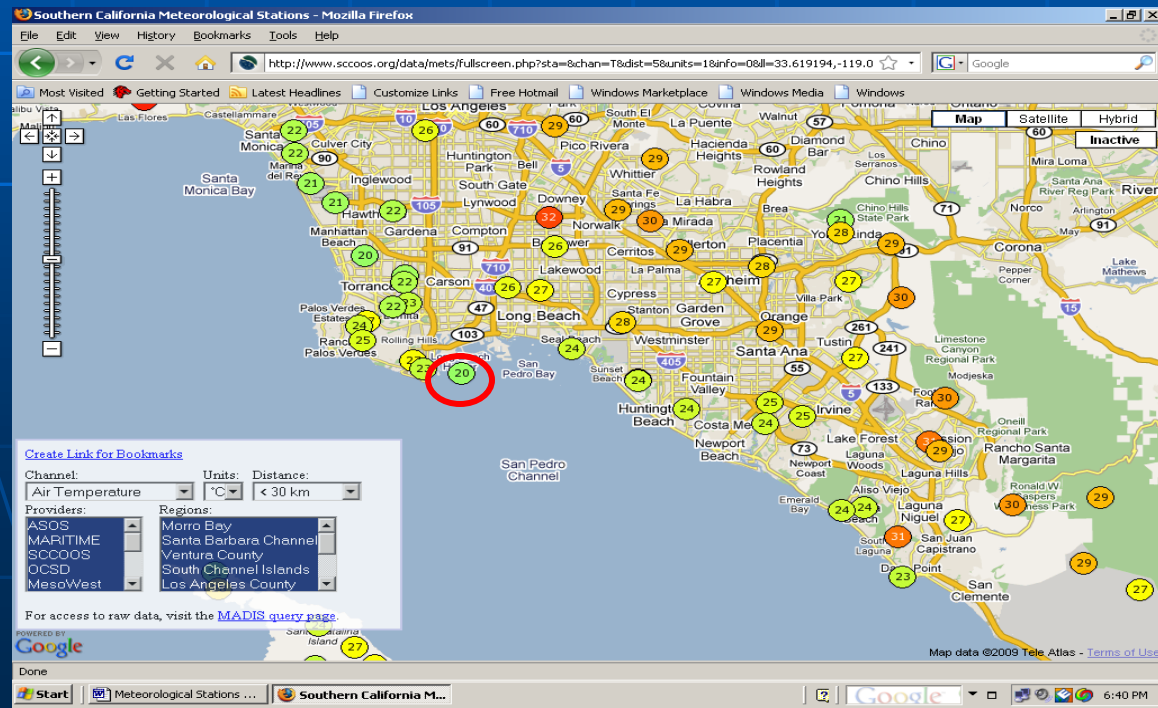
14. Record the most recent observations for the following measurements:

*Humidity*

*Precipitation Rate*

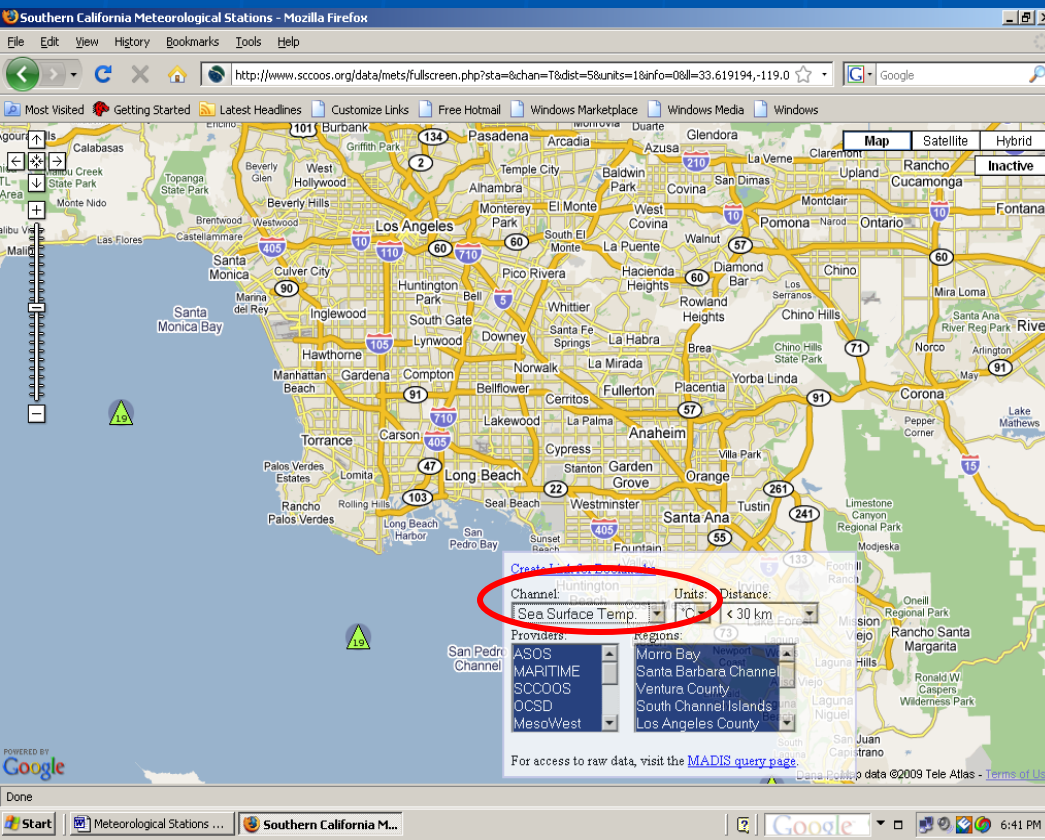
*When was this data collected?*

*\*Answers will vary depending on the conditions.*



15. Select the sea surface temperature channel

16. Find the station that is closest to the Long Beach Harbor. The number in the triangle is the most recent measurement.



What is the sea surface temperature at this location?



# 17. Click on the station to get more information for this location

The screenshot shows a web browser window displaying the Southern California Meteorological Stations website. A map of Southern California is shown, with a popup window for station 46333. The popup window contains the following information:

Station ID: 46333  
Last Sample Time:  
UTC: 2009-07-11 00:48:00  
Local: 2009-07-10 17:48:00

Measurements:

	Metric	English
Elevation:	0.00 m	0.00 ft
SST:	19.20 °C	66.56 °F
Wave Height:	1.00 m	3.28 ft
Wave Period:	14.00 s	14.00 s

Below the popup window, there is a section for "Create Link for Bookmarks" with fields for Channel, Units, and Distance. The Channel is set to "Sea Surface Temp.", Units to "°C", and Distance to "< 30 km". There are also dropdown menus for Providers (ASOS, MARITIME, SCOOS, OCSD, MesoWest) and Regions (Monro Bay, Santa Barbara Channel, Ventura County, South Channel Islands, Los Angeles County).

For access to raw data, visit the [MADIS query page](#).

What time was the last sample taken at this location?