SRRL Instrument Platform
SRRL Baseline Measurement System
Radiometer Tower

Atmospheric Electric Field Monitor
Boltek EFM-100

Global Normal (2-Axis)
Kipp & Zonen CMP11 @ 13 feet

Licor LI-2020 tracker

Storage Battery for LI-2020

Global 40-South
Kipp CMP11 @ 11 feet

Global 40-South
Licor LI-200

Global 90-East PSP & LI-200 on opposite side of tower.

PV Panel for LI-2020

Global 90-North
Eppley PSP
Licor LI-200

Global 90-West

Eppley PSP
Licor LI-200

Global 90-South @ 8 feet
Eppley PSP
Licor LI-200

Temperature & Relative Humidity @ 2m
CSI HMP-60

Wind Speed & Direction @ 6 feet
RM Young 03001

J-Box with underground wire to SRRL datalab patch panel

Upwelling Instruments @ 5 feet:
Eppley PIR
Kipp CM21
Kipp CG3
Kipp CM3

CR3000 logger, AM16/32B MUX, and NL120 (inside weatherproof box) collect data from all except Upwelling PIR/CG3/CM21 via ethernet to SRRL datalab

Snow Depth & Rain Guage @ 5 feet (not shown, are 25-50 feet to the west)
CSI SR50A & Hydrological Services TB4

Station Pressure @ 2m (not shown, measured just below 90-South radiometers)
Setra 278
SRRL Baseline Measurement System
SE-PV / Meteorological Tower

46 foot NRG Tall Tower

Wind Direction @ 42 feet
NRG #200P

Wind Speed @ 42 feet
NRG #40

Wind Direction @ 22 feet
NRG #200P

Wind Speed @ 22 feet
NRG #40

Temp & RH @ 2 meters
CSI HMP-60

Tower is surrounded by Sun Edison PV array mounted on 1-axis solar tracking systems (approx. 4-5 feet tall).

A LICOR LI-200 sensor with inclinometer (not shown) is mounted on Sun Edison 1-Axis tracking system.

Antenna
FreeWave 900 Mhz wireless

20-Watt PV Panel for DAQ
CSI SP20

CR800 datalogger
Campbell Scientific, Inc. (inside weatherproof box)