

U.S. Department of Commerce
National Oceanic & Atmospheric Administration

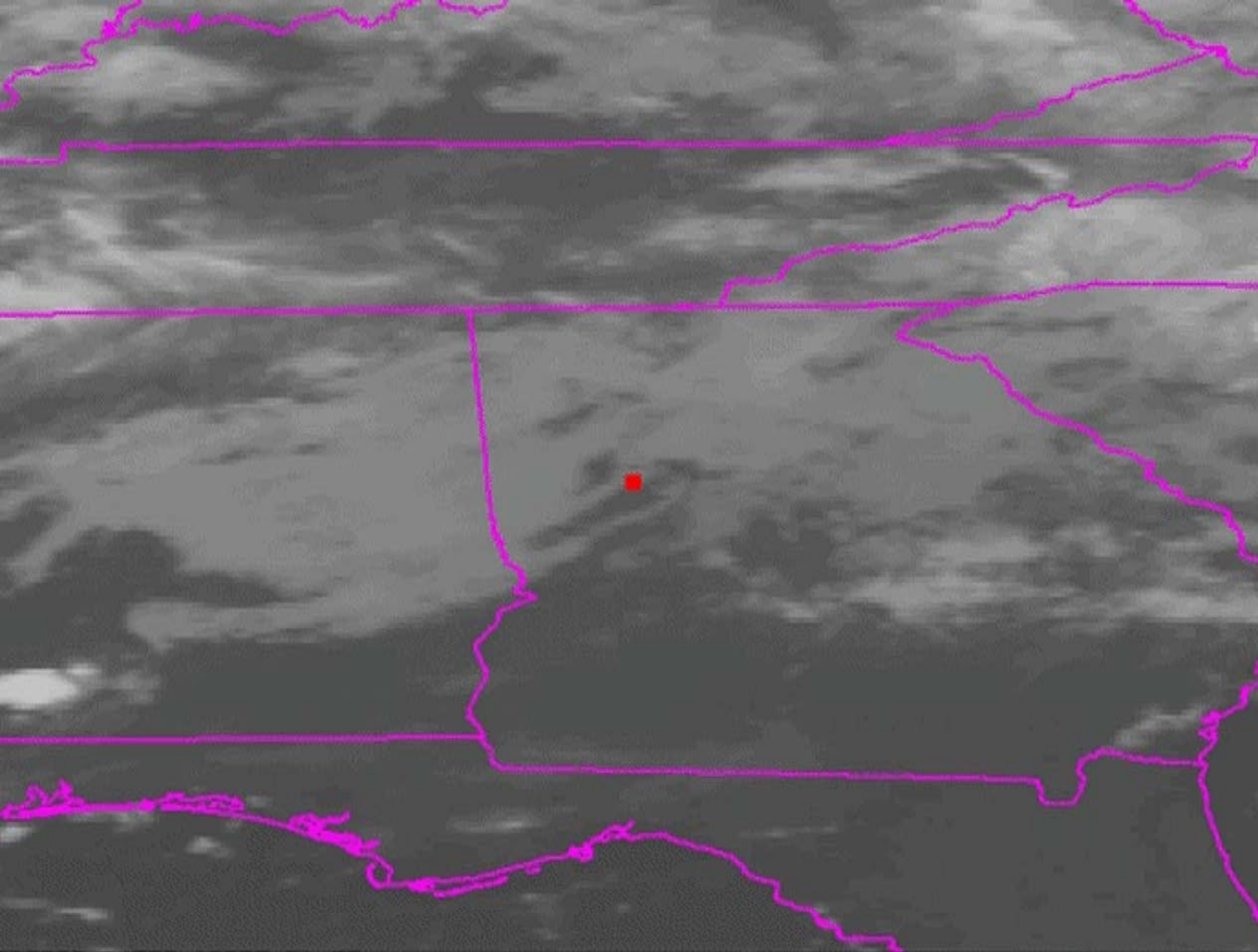
**QUALITY CONTROLLED LOCAL
CLIMATOLOGICAL DATA
(final)
HOURLY OBSERVATIONS TABLE
PCHTRE CTY-FALCON FLD ARPT (53819)
ATLANTA, GA
(08/2014)**

National Climatic Data Center
Federal Building
151 Patton Avenue
Asheville, North Carolina 28801

Elevation: 798 ft. above sea level
Latitude: 33.355
Longitude: -84.566
Data Version: VER2

Date	Time (LST)	Station Type	Sky Conditions	Visibility (SM)	Weather Type	Dry Bulb Temp		Wet Bulb Temp		Dew Point Temp		Rel Humd %	Wind Speed (MPH)	Wind Dir	Wind Gusts (MPH)	Station Pressure (in. hg)	Press Tend	Net 3-hr Chg (mb)	Sea Level Pressure (in. hg)	Report Type	Precip. Total (in)	Alti-meter (in. hg)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
09	0053	12	CLR	5.00	BR	71	21.7	70	20.9	69	20.6	93	0	000		29.19			30.03	AA		30.05
09	0153	12	BKN100	6.00	BR	71	21.7	70	20.9	69	20.6	93	0	000		29.18			30.02	AA		30.04
09	0231	12	FEW005 FEW060 SCT090	5.00	BR	70	21.1	69	20.7	69	20.6	97	0	000		29.19			M	SP		30.05
09	0253	12	SCT110	3.00	BR	70	21.1	69	20.7	69	20.6	97	5	110		29.18			30.01	AA		30.03
09	0307	12	SCT006 BKN110	6.00	BR	71	21.7	70	20.9	69	20.6	93	0	000		29.18			M	SP		30.04
09	0353	12	FEW050 SCT110	5.00	BR	70	21.1	69	20.7	69	20.6	97	0	000		29.18			30.02	AA		30.03
09	0412	12	SCT007 SCT120	5.00	BR	70	21.1	69	20.7	69	20.6	97	0	000		29.18			M	SP		30.04
09	0421	12	BKN007	4.00	BR	70	21.1	69	20.7	69	20.6	97	0	000		29.18			M	SP		30.04
09	0453	12	OVC006	6.00	BR	70	21.1	69	20.7	69	20.6	97	0	000		29.19			30.03	AA		30.05
09	0529	12	OVC004	4.00	BR	70	21.1	69	20.7	69	20.6	97	0	000		29.19			M	SP		30.05
09	0553	12	OVC003	3.00	BR	70	21.1	69	20.7	69	20.6	97	0	000		29.19			30.04	AA		30.05
09	0609	12	OVC003	1.75	BR	70	21.1	69	20.7	69	20.6	97	0	000		29.19			M	SP		30.05
09	0653	12	OVC002	1.25	BR	71	21.7	70	21.2	70	21.1	97	0	000		29.21			30.04	AA		30.06
09	0717	12	OVC003	2.50	BR	71	21.7	70	21.2	70	21.1	97	0	000		29.21			M	SP		30.07
09	0735	12	OVC003	3.00	BR	72	22.2	71	21.4	70	21.1	93	0	000		29.21			M	SP		30.07
09	0753	12	OVC003	3.00	BR	72	22.2	71	21.4	70	21.1	93	0	000		29.22			30.06	AA		30.08
09	0853	12	OVC004	3.00	BR	74	23.3	72	22.7	71	21.7	90	0	000		29.22			30.07	AA		30.08
09	0904	12	OVC005	3.00	BR	74	23.3	72	22.7	71	21.7	90	0	000		29.23			M	SP		30.09
09	0953	12	SCT009	5.00	HZ	78	25.6	74	23.2	72	22.2	82	3	090		29.23			30.07	AA		30.09
09	1011	12	BKN011	5.00	HZ	78	25.6	74	23.2	72	22.2	82	5	140		29.23			M	SP		30.09
09	1020	12	SCT012	6.00	HZ	80	26.7	74	23.6	72	22.2	77	3	VR		29.23			M	SP		30.09
09	1053	12	FEW075	6.00	HZ	81	27.2	75	23.7	72	22.2	74	0	000		29.23			30.07	AA		30.09
09	1153	12	SCT028 SCT033	7.00		85	29.4	77	24.7	73	22.8	67	0	000		29.21			30.05	AA		30.07
09	1253	12	FEW031 SCT040	8.00		86	30.0	76	24.5	72	22.2	63	0	000		29.19			30.02	AA		30.05
09	1353	12	FEW049	9.00		89	31.7	76	24.6	71	21.7	55	5	300		29.15			29.98	AA		30.01
09	1453	12	FEW046	8.00		87	30.6	77	25.0	73	22.8	63	6	170		29.14			29.96	AA		29.99
09	1553	12	CLR	8.00		82	27.8	76	24.6	74	23.3	77	3	VR		29.12			29.95	AA	T	29.97
09	1651	12	BKN055	10.00	TS	84	29.0	76	24.6	73	23.0	70	6	190		29.13			M	SP		29.98
09	1653	12	BKN055	10.00	TS	85	29.4	77	24.7	73	22.8	67	7	VR		29.13			29.96	AA		29.98
09	1709	12	BKN055	10.00	VCTS	83	28.3	75	24.0	72	22.2	70	6	170	17	29.13			M	SP		29.98
09	1729	12	FEW065	10.00		82	27.8	74	23.5	71	21.7	69	5	VR		29.13			M	SP		29.98
09	1753	12	BKN065	10.00		81	27.2	75	23.7	72	22.2	74	0	000		29.14			29.97	AA		29.99
09	1853	12	CLR	9.00		80	26.7	74	23.6	72	22.2	77	0	000		29.15			29.98	AA		30.00
09	1951	12	BKN029 BKN047 OVC060	10.00	VCTS	79	26.0	74	23.4	72	22.0	79	3	VR		29.18			M	SP		30.04
09	1953	12	BKN029 BKN047 OVC060	10.00	VCTS	78	25.6	73	22.9	71	21.7	79	3	VR		29.18			30.02	AA		30.04
09	2010	12	BKN027 BKN036 OVC046	10.00		78	25.6	73	22.5	70	21.1	77	5	270		29.19			M	SP		30.05
09	2022	12	FEW027 SCT032 OVC047	10.00	-RA	78	25.6	73	22.9	71	21.7	79	6	310		29.19			M	SP		30.05
09	2053	12	SCT049 BKN075 BKN110	4.00	-RA BR	76	24.4	73	22.9	72	22.2	87	0	000		29.19			30.03	AA	0.03	30.05
09	2101	12	FEW047 BKN080 BKN110	1.75	RA BR	75	23.9	74	23.1	73	22.8	94	0	000		29.19			M	SP		30.05
09	2118	12	BKN085 OVC110	3.00	-RA BR	74	23.3	73	22.9	73	22.8	97	0	000		29.18			M	SP		30.04
09	2153	12	FEW085 FEW120	9.00	-RA	75	23.9	73	22.7	72	22.2	90	0	000		29.18			30.01	AA	0.05	30.03
09	2253	12	CLR	7.00		74	23.3	73	22.5	72	22.2	94	3	320		29.18			30.01	AA		30.03
09	2353	12	CLR	5.00	BR	73	22.8	72	22.4	72	22.2	97	0	000		29.18			30.01	AA		30.03

Dynamically generated Thu Apr 28 18:55:49 EDT 2016 via <http://www.ncdc.noaa.gov/qclcd/QCLCD>



393800 04309 12957 01.33

RAOB - 1200UTCFFCSOUNDING.CSV

File Edit Displays Listings Analyze Refresh Compare Options Help

Parcel Data

Pres:
Hgt:
(MSL)
±Std:
Temp:
Td:
T-Td:
RH:
PT:
ePT:
L.R.:
Tmax:
Wind:
Hgt:
(MSL)

mb400

LLWS Rime Cloud CAT
Mixe (Auto)
Clea

TROP Lvl: 48665 ft MSL
FRZG Lvl: 13687 ft MSL
CCL Lvl: 44097 ft MSL
LFC Lvl: 34012 ft MSL
LCL Lvl: 1008 ft MSL
CCL Hgt: 6992 ft MSL
LCL Hgt: 767 ft MSL

Water: 1.70 in
Hail: 0.25 in
T2Gust: 20 mph
WindEx: 20 mph

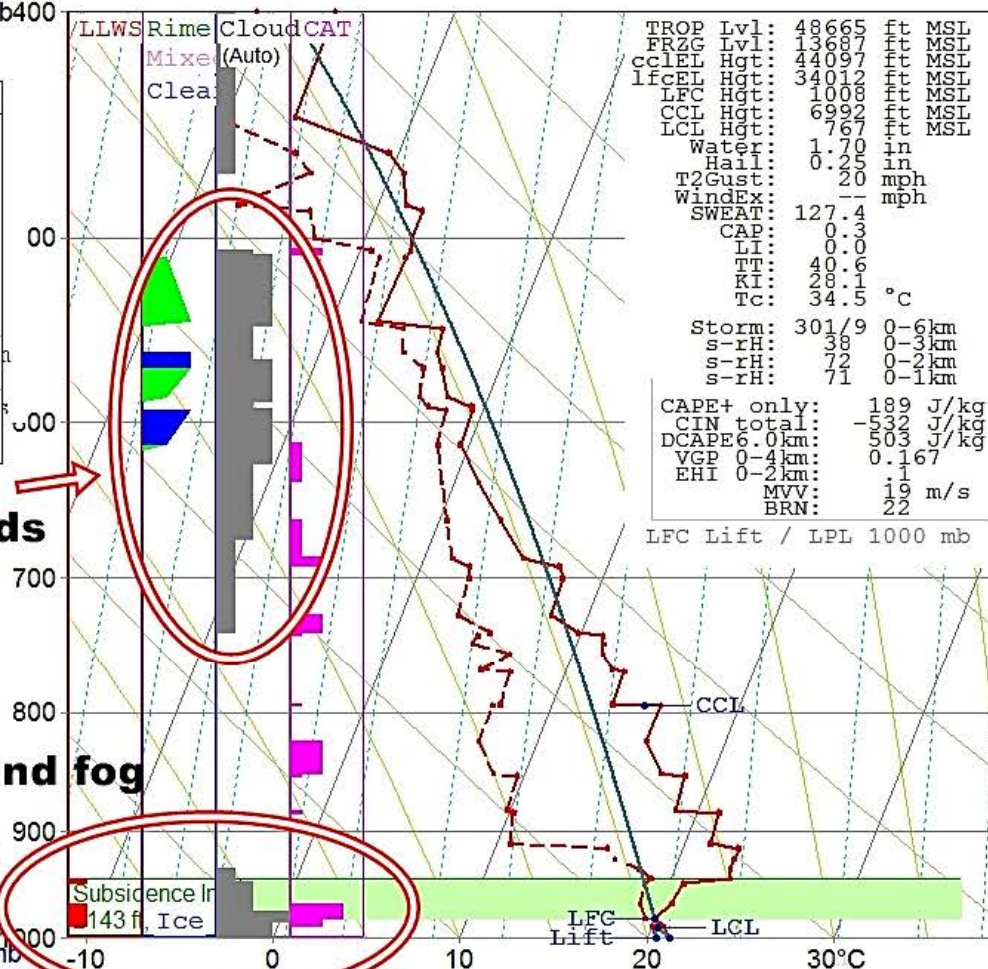
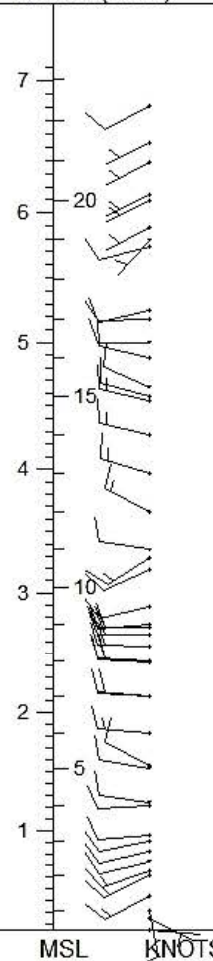
SWEAT: 127.4
CAP: 0.3
LI: 0.0
TT: 40.6
KI: 28.1
Tc: 34.5 °C

Storm: 301/9 0-6km
s-rH: 38 0-3km
s-rH: 72 0-2km
s-rH: 71 0-1km

CAPE+ only: 189 J/kg
CIN total: -532 J/kg
DCAPE6.0km: 503 J/kg
VGP 0-4km: 0.167
EHI 0-2km: .1
MVV: 19 m/s
BRN: 22

LFC Lift / LPL 1000 mb

KM FT (x1000)



mid-level clouds

low clouds and fog

Stn Elev: 472 ft
QNH = 1016.9 mb
QAF = 1483 ft, ISA
RAOB Config #1:



From: Fc-LMFS, QA (RESOURCE) [REDACTED]
Sent: Monday, August 11, 2014 5:52 PM
To: Suffern Paul
Cc: Fc-LMFS, QA (RESOURCE)
Subject: RE: Information request regarding N7968Z

Mr. Suffern;

There were no Lockheed Martin Flight Service preflight or flight weather briefings or weather information provided to this aircraft or pilot.
The two, DUAT and DUATS, vendors were queried and they had no services either.

Regards,

Angela M. Poe
Quality Assurance Specialist
Lockheed Martin Flight Service
Washington (DCA) FCFSS



Sun and Moon Data for One Day

U.S. Naval Observatory Astronomical Applications Department

Peachtree Corners, Gwinnett County, GA (Longitude W84° 13', Latitude N33° 58')

Saturday, August 9, 2014

Eastern Daylight Time

Sun

Begin civil twilight	6:27 a.m.
Sunrise	6:54 a.m.
Sun transit	1:42 p.m.
Sunset	8:30 p.m.
End civil twilight	8:57 p.m.

Moon

Moonrise	6:41 p.m. on preceding day
Moon transit	12:06 a.m.
Moonset	5:34 a.m.
Moonrise	7:32 p.m.

Closest Primary Moon Phase: Full Moon on August 10, 2014 at 2:09 p.m. (local daylight time)

Phase of the Moon on August 9, 2014: Waxing Gibbous with 98% of the Moon's visible disk illuminated.