

# Local Climatological Data Daily Summary July 2023

Current Location: Elev: 166 ft. Lat: 37.5115° N Lon: -77.3234° W

Generated on 07/25/2023

Station: **RICHMOND INTERNATIONAL AIRPORT, VA US WBAN: 72401013740 (KRIC)**

Date	Temperature (F)							Degree Days (base 65F)		Sun (LST)		Weather	Precipitation (in)			Pressure (inHg)		Wind	Maximum Wind Speed = MPH					
	Max	Min	Avg	Dep	ARH	ADP	AWB	Heat	Cool	Rise	Set		Weather Type	TLC	Snow Fall	Snow Depth	Avg Stn		Avg SL	Avg Speed	Direction = Degrees			
												Peak Speed						Peak Dir			Sust. Speed	Sust. Dir		
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>11</b>	<b>12</b>	<b>13</b>	<b>14</b>	<b>15</b>	<b>16</b>	<b>17</b>	<b>18</b>	<b>19</b>	<b>20</b>	<b>21</b>	<b>22</b>	<b>23</b>		
01	91	68	80	1.3				0	15	0452	1934	TS RA BR HZ	0.21	0.0	0	29.80		7.3	36	270	26	270		
02	93	71	82	3.2				0	17	0452	1934	BR	0.00	0.0	0	29.71		8.1	23	210	18	210		
03	94	73	84	5.1				0	19	0453	1934	TS RA BR HZ	0.05	0.0	0	29.72		10.3	26	170	21	180		
04	94	72	83	4.0				0	18	0453	1934		0.00	0.0	0	29.77		6.7	19	360	16	010		
05	92	74	83	3.9				0	18	0454	1934		0.00	0.0	0	29.80		4.0	18	210	14	210		
06	89	74	82	2.8				0	17	0454	1934	TS RA	0.01	0.0	0	29.73		4.0	15	300	13	310		
07	90	73	82	2.7				0	17	0455	1933	TS RA	0.73	0.0	0	29.67		3.6	36	240	30	250		
08	90	73	82	2.6				0	17	0455	1933	TS RA	0.01	0.0	0	29.67		4.3	33	310	26	310		
09	88	72	80	0.6				0	15	0456	1933	TS RA BR	0.16	0.0	0	29.62		4.4	34	280	25	280		
10	86	70	78	-1.5				0	13	0457	1932		0.00	0.0	0	29.66		4.6	17	330	14	330		
11	90	69	80	0.5				0	15	0457	1932		0.00	0.0	0	29.77		5.0	15	270	12	290		
12	93	69	81	1.5				0	16	0458	1932		0.00	0.0	0	29.80		4.4	21	290	17	280		
13	94*	72	83	3.4				0	18	0459	1931	RA BR	0.11	0.0	0	29.72		9.6	25	240	20	220		
14	89	71	80	0.4				0	15	0459	1931	RA	0.13	0.0	0	29.72		9.2	22	220	16	210		
15	92	75	84	4.4				0	19	0500	1930	BR RA	T	0.0	0	29.73		7.0	25	140	20	150		
16	88	73	81	1.4				0	16	0501	1930	RA FG BR	2.03	0.0	0	29.65		6.7	21	310	18	300		
17	90	71	81	1.4				0	16	0501	1929	HZ	0.00	0.0	0	29.78		3.5	19	020	14	040		
18	91	72	82	2.5				0	17	0502	1929	BR HZ	0.00	0.0	0	29.80		6.4	19	260	15	220		
19	89	74	82	2.5				0	17	0503	1928	RA BR HZ	0.08	0.0	0	29.82		4.8	13	200	10	230		
20	90	73	82	2.5				0	17	0504	1927	BR	0.00	0.0	0	29.79		4.5	19	040	13	020		
21	90	74	82	2.6				0	17	0504	1927		0.00	0.0	0	29.61		5.6	20	350	16	340		
22	85	68*	77	-2.4				0	12	0505	1926		0.00	0.0	0	29.68		6.2	17	020	13	020		
<b>Monthly Averages   Totals</b>																								
<b>Departure from Normal (1981-2010)</b>																								
<b>Degree Days</b>										<b>Number of days with...</b>														
<b>Monthly</b>					<b>Season-to-date</b>					<b>Temperature</b>				<b>Precipitation</b>			<b>Snow</b>		<b>Weather</b>					
<b>Total</b>		<b>Departure</b>			<b>Total</b>		<b>Departure</b>			<b>Max</b>		<b>Min</b>		<b>&gt;=0.01"</b>		<b>&gt;=0.1"</b>	<b>&gt;=1"</b>	<b>T-Storms</b>	<b>Heavy Fog</b>					
<b>Heating</b>										<b>&gt;=90°</b>		<b>&lt;=32°</b>		<b>&lt;=32°</b>		<b>&lt;=0°</b>								
<b>Cooling</b>																								
<b>Date of 5-sec to 3-sec wind equipment change</b>								<b>Sea Level Pressure</b>						<b>Greatest...</b>										
N/A								<b>Maximum</b>		<b>Date</b>		<b>Time</b>		<b>24-Hr...</b>				<b>Snow Depth</b>						
								<b>Minimum</b>								<b>Precip</b>						<b>Snowfall</b>		
																				<b>Date</b>				
<b>Station Augmentation</b>																								
Name: N/A Lat: N/A Lon: N/A Elevation: N/A Distance: N/A Elements: N/A Equipment: N/A																								

## Local Climatological Data Hourly Observations July 2023

Current Location: Elev: 166 ft. Lat: 37.5115° N Lon: -77.3234° W

Generated on 07/25/2023

Station: **RICHMOND INTERNATIONAL AIRPORT, VA US WBAN: 72401013740 (KRIC)**

Date	Time (LST)	Station Type	Sky Conditions	Visi- bility	Weather Type (see documentation)	Dry Bulb Temp		Wet Bulb Temp		Dew Point Temp		Rel Hum %	Wind Speed (MPH)	Wind Dir (Deg)	Wind Gusts (MPH)	Station Press (inHg)	Press Tend	Net 3-Hr Change (inHg)	Sea Level Press (inHg)	Report Type	Precip Total (in)	Alti- meter Setting (inHg)
					AU   AW   MW	(F)	(C)	(F)	(C)	(F)	(C)											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
01	0054	7	SCT:04 100	6.00	HZ:7  FU  HZ	71	21.7	67	19.4	64	17.8	79	6	140		29.83	8	+0.01	30.02	FM-15	0.00	30.01
01	0100	4		5.59	HZ	71	21.7	67	19.4	64	17.8	79	6	140		29.83	8	+0.01	30.02	FM-12		
01	0154	7	FEW:02 100	6.00	HZ:7  FU  HZ	70	21.1	67	19.4	65	18.3	84	6	130		29.82			30.00	FM-15	0.00	30.00
01	0254	7	CLR:00	5.00	HZ:7  FU  HZ	69	20.6	66	18.9	64	17.8	84	6	120		29.81			30.00	FM-15	0.00	29.99
01	0354	7	CLR:00	5.00	BR:1	68	20.0	66	18.9	64	17.8	87	6	130		29.81	6	+0.02	29.99	FM-15	0.00	29.99
01	0454	7	FEW:02 100	4.00	BR:1	68	20.0	66	18.9	64	17.8	87	0	000		29.83			30.02	FM-15	0.00	30.01
01	0554	7	BKN:07 120	3.00	BR:1	70	21.1	67	19.4	66	18.9	87	3	140		29.85			30.04	FM-15	0.00	30.03
01	0654	7	SCT:04 120	3.00	HZ:7  FU  HZ	73	22.8	69	20.6	67	19.4	81	6	160		29.86	1	-0.05	30.05	FM-15	0.00	30.04
01	0700	4		2.98	HZ	73	22.8	69	20.6	67	19.4	81	6	160		29.86	1	-0.05	30.05	FM-12		
01	0754	7	SCT:04 120	4.00	HZ:7  FU  HZ	77	25.0	72	22.2	69	20.6	77	6	170		29.87			30.06	FM-15	0.00	30.05
01	0854	7	SCT:04 120	5.00	HZ:7  FU  HZ	81	27.2	74	23.3	71	21.7	72	7	190		29.84			30.03	FM-15	0.00	30.02
01	0954	7	BKN:07 110	5.00	HZ:7  FU  HZ	83	28.3	75	23.9	71	21.7	67	8	250		29.84	8	+0.02	30.03	FM-15	0.00	30.02
01	1054	7	SCT:04 20 BKN:07 110	6.00	HZ:7  FU  HZ	85	29.4	76	24.4	72	22.2	65	7	170		29.83			30.01	FM-15	0.00	30.01
01	1154	7	SCT:04 29 BKN:07 110	6.00	HZ:7  FU  HZ	87	30.6	77	25.0	72	22.2	61	11	160		29.82			30.00	FM-15	0.00	30.00
01	1254	7	SCT:04 36 BKN:07 48	6.00	HZ:7  FU  HZ	87	30.6	77	25.0	72	22.2	61	13	160		29.79	8	+0.05	29.98	FM-15	0.00	29.97
01	1300	4	41	5.59	HZ	87	30.6	77	25.0	72	22.2	61	13	160		29.79	8	+0.05	29.98	FM-12		
01	1354	7	SCT:04 35 BKN:07 50 BKN:07 120	6.00	HZ:7  FU  HZ	89	31.7	77	25.0	72	22.2	57	13	190		29.78			29.96	FM-15	0.00	29.96
01	1454	7	FEW:02 41 SCT:04 60 BKN:07 120	6.00	HZ:7  FU  HZ	90	32.2	77	25.0	72	22.2	56	14	180		29.75			29.94	FM-15	0.00	29.93
01	1554	7	SCT:04 42 BKN:07 49 OVC:08 100	6.00	HZ:7  FU  HZ	87	30.6	76	24.4	71	21.7	59	9	160		29.73	8	+0.06	29.92	FM-15	0.00	29.91
01	1654	7	SCT:04 44 OVC:08 60	6.00	HZ:7  FU  HZ	85	29.4	76	24.4	72	22.2	65	8	170		29.73			29.92	FM-15	0.00	29.91
01	1754	7	BKN:07 50 OVC:08 80	6.00	HZ:7  FU  HZ	84	28.9	75	23.9	71	21.7	65	7	170		29.72			29.91	FM-15	0.00	29.90
01	1837	7	BKN:07 31 BKN:07 47 OVC:08 80	5.00	TS:7 -RA:02  RA TS TS  RA	77	25.0	73	22.8	71	21.7	82	23	240	32	29.75				FM-16	T	29.93
01	1840	7	BKN:07 31 BKN:07 47 OVC:08 80	2.00	TS:7 +RA:02  RA TS TS  RA	76	24.4	73	22.8	71	21.7	85	22	220	30	29.75				FM-16	T	29.93
01	1847	7	BKN:07 29 BKN:07 47 OVC:08 80	1.50	TS:7 +RA:02 BR:1  RA TS  RA	75	23.9	72	22.2	71	21.7	88	20	230		29.75				FM-16	0.05	29.93
01	1851	7	BKN:07 30 BKN:07 50 OVC:08 75	2.00	TS:7 +RA:02  RA TS TS  RA	75	23.9	72	22.2	70	21.1	83	16	230		29.75				FM-16	0.07	29.93
01	1854	7	BKN:07 30 BKN:07 50 OVC:08 75	2.50	TS:7 +RA:02  RA TS TS  RA	75	23.9	72	22.2	70	21.1	84	13	230	24	29.74	3	-0.01	29.93	FM-15	0.09	29.92

01	1900	4	26	2.49		75	23.9	72	22.2	70	21.1	84	13	230		29.74	3	-0.01	29.93	FM-12		
01	1906	7	SCT:04 55 BKN:07 75 OVC:08 110	4.00	TS:7 -RA:02 BR:1  RA TS  RA	74	23.3	71	21.7	70	21.1	88	9	240		29.74				FM-16	0.02	29.92
01	1913	7	SCT:04 50 BKN:07 90 OVC:08 120	4.00	VCTS:7 +RA:02 BR:1  RA  RA	74	23.3	71	21.7	70	21.1	88	6	230		29.75				FM-16	0.03	29.93
01	1954	7	FEW:02 50 BKN:07 90 OVC:08 120	5.00	-RA:02 BR:1  RA  RA	73	22.8	72	22.2	71	21.7	94	5	080		29.76			29.94	FM-15	0.11	29.94
01	2054	7	SCT:04 60 BKN:07 80	10.00	BR:1	74	23.3	72	22.2	71	21.7	91	6	190		29.77			29.96	FM-15	0.01	29.95
01	2154	7	BKN:07 80	8.00	BR:1	74	23.3	73	22.8	72	22.2	94	8	240		29.76	0	-0.02	29.95	FM-15	0.00	29.94
01	2201	7	FEW:02 5 SCT:04 65	8.00	BR:1	74	23.3	73	22.8	72	22.2	94	7	230		29.76				FM-16		29.94
01	2254	7	SCT:04 50	6.00	BR:1	74	23.3	71	21.7	70	21.1	88	5	200		29.76			29.95	FM-15	0.00	29.94
01	2354	7	OVC:08 190	9.00		73	22.8	71	21.7	70	21.1	90	5	150		29.75			29.93	FM-15	0.00	29.93
02	0054	7	OVC:08 200	10.00		73	22.8	71	21.7	70	21.1	90	3	170		29.73	8	+0.03	29.92	FM-15	0.00	29.91
02	0100	4		9.94		73	22.8	71	21.7	70	21.1	90	3	170		29.73	8	+0.03	29.92	FM-12		
02	0154	7	SCT:04 200 SCT:04 300	8.00		72	22.2	70	21.1	69	20.6	91	5	170		29.72			29.91	FM-15	0.00	29.90
02	0254	7	SCT:04 200 SCT:04 300	7.00		72	22.2	70	21.1	69	20.6	91	6	190		29.72			29.90	FM-15	0.00	29.90
02	0354	7	FEW:02 5 SCT:04 90 SCT:04 200	6.00	BR:1	72	22.2	70	21.1	69	20.6	91	6	190		29.72	5	+0.01	29.90	FM-15	0.00	29.90
02	0454	7	SCT:04 90 SCT:04 200	6.00	BR:1	71	21.7	70	21.1	69	20.6	94	8	200		29.73			29.92	FM-15	0.00	29.91
02	0554	7	FEW:02 90 FEW:02 200 BKN:07 300	6.00	BR:1	73	22.8	71	21.7	70	21.1	90	6	190		29.73			29.92	FM-15	0.00	29.91
02	0638	7	FEW:02 6 FEW:02 90 FEW:02 200	7.00		74	23.3	72	22.2	71	21.7	91	8	200		29.74				FM-16		29.92
02	0654	7	FEW:02 6 SCT:04 80 SCT:04 200	8.00		75	23.9	72	22.2	71	21.7	88	8	200		29.74	1	-0.02	29.93	FM-15	0.00	29.92
02	0700	4	5	7.46		75	23.9	72	22.2	71	21.7	88	8	200		29.74	1	-0.02	29.93	FM-12		
02	0754	7	FEW:02 9 BKN:07 85 BKN:07 250	9.00		76	24.4	73	22.8	71	21.7	85	8	210		29.75			29.93	FM-15	0.00	29.93
02	0854	7	FEW:02 9 FEW:02 90 SCT:04 180	9.00		78	25.6	74	23.3	72	22.2	82	8	200		29.74			29.93	FM-15	0.00	29.92
02	0954	7	FEW:02 90 SCT:04 180 BKN:07 250	10.00		83	28.3	76	24.4	73	22.8	72	9	200		29.74	1	0.00	29.93	FM-15	0.00	29.92
02	1054	7	FEW:02 90 SCT:04 180 BKN:07 250	10.00		86	30.0	78	25.6	74	23.3	67	9	240		29.75			29.93	FM-15	0.00	29.93
02	1154	7	FEW:02 90 BKN:07 250	10.00		89	31.7	78	25.6	73	22.8	59	10	230		29.74			29.93	FM-15	0.00	29.92
02	1254	7	FEW:02 80 BKN:07 250	10.00		91	32.8	80	26.7	76	24.4	61	8	210		29.73	8	+0.01	29.91	FM-15	0.00	29.91
02	1300	4	74	9.94		91	32.8	80	26.7	76	24.4	61	8	210		29.73	8	+0.01	29.91	FM-12		
02	1354	7	FEW:02 80 BKN:07 250	10.00		90	32.2	79	26.1	74	23.3	59	11	220		29.71			29.90	FM-15	0.00	29.89
02	1454	7	FEW:02 90 BKN:07 250	10.00		92	33.3	79	26.1	74	23.3	56	14	220		29.70			29.89	FM-15	0.00	29.88
02	1554	7	FEW:02 40 SCT:04 90	10.00		91	32.8	78	25.6	73	22.8	56	14	210		29.69	6	+0.04	29.88	FM-15	0.00	29.87

			BKN:07 250																			
02	1654	7	FEW:02 40 SCT:04 90 OVC:08 250	10.00		88	31.1	77	25.0	73	22.8	61	10	200		29.67			29.85	FM-15	0.00	29.85
02	1754	7	FEW:02 40 SCT:04 90 BKN:07 250	10.00		88	31.1	79	26.1	75	23.9	66	8	180		29.66			29.84	FM-15	0.00	29.84
02	1854	7	SCT:04 250	10.00		86	30.0	78	25.6	74	23.3	67	9	210		29.65	6	+0.04	29.84	FM-15	0.00	29.83
02	1900	4		9.94		86	30.0	78	25.6	74	23.3	67	9	210		29.65	6	+0.04	29.84	FM-12		
02	1954	7	SCT:04 250	10.00		84	28.9	74	23.3	69	20.6	61	9	220		29.67			29.85	FM-15	0.00	29.85
02	2054	7	FEW:02 150 SCT:04 250	10.00		79	26.1	72	22.2	68	20.0	69	6	190		29.69			29.88	FM-15	0.00	29.87
02	2154	7	SCT:04 150	10.00		81	27.2	72	22.2	68	20.0	65	9	220		29.71	1	-0.05	29.89	FM-15	0.00	29.89
02	2254	7	BKN:07 150	10.00		78	25.6	72	22.2	69	20.6	74	5	180		29.71			29.90	FM-15	0.00	29.89
02	2354	7	SCT:04 85	10.00		78	25.6	72	22.2	69	20.6	74	5	190		29.73			29.91	FM-15	0.00	29.91
03	0054	7	FEW:02 35 SCT:04 70 OVC:08 80	10.00		80	26.7	72	22.2	68	20.0	67	7	270		29.73	1	-0.02	29.91	FM-15	0.00	29.91
03	0100	4	41	9.94		80	26.7	72	22.2	68	20.0	67	7	270		29.73	1	-0.02	29.91	FM-12		
03	0128	7	FEW:02s 35s SCT:04s 70s	4.00	FU TS	77	25.0	72	22.2	69	20.6	77	8	220		29.74				FM-16		29.92
03	0154	7	BKN:07 49 BKN:07 60 OVC:08 75	7.00	TS:7 -RA:02  RA TS TS  RA	74	23.3	70	21.1	68	20.0	82	0	000		29.70			29.89	FM-15	0.05	29.88
03	0237	7	SCT:04 55 SCT:04 75	10.00		74	23.3	71	21.7	70	21.1	88	6	170		29.70				FM-16	T	29.88
03	0254	7	SCT:04 55 SCT:04 75 SCT:04 200	10.00		74	23.3	71	21.7	70	21.1	88	6	220		29.69			29.87	FM-15	0.00	29.87
03	0354	7	BKN:07 180	10.00		74	23.3	72	22.2	71	21.7	91	8	180		29.68	6	+0.04	29.87	FM-15	0.00	29.86
03	0454	7	BKN:07 180 BKN:07 300	8.00		75	23.9	73	22.8	72	22.2	90	7	200		29.70			29.88	FM-15	0.00	29.88
03	0554	7	BKN:07 170 OVC:08 300	6.00	BR:1	76	24.4	74	23.3	73	22.8	91	7	200		29.72			29.91	FM-15	0.00	29.90
03	0654	7	BKN:07 160 BKN:07 300	6.00	HZ:7  FU  HZ	79	26.1	76	24.4	74	23.3	85	9	210		29.73	3	-0.05	29.92	FM-15	0.00	29.91
03	0700	4		5.59	HZ	79	26.1	76	24.4	74	23.3	85	9	210		29.73	3	-0.05	29.92	FM-12		
03	0754	7	SCT:04 140 BKN:07 250	6.00	HZ:7  FU  HZ	82	27.8	77	25.0	75	23.9	79	10	230		29.73			29.92	FM-15	0.00	29.91
03	0854	7	SCT:04 140 BKN:07 220	8.00		86	30.0	78	25.6	75	23.9	70	8	230		29.73			29.92	FM-15	0.00	29.91
03	0954	7	SCT:04 180 BKN:07 220	10.00		90	32.2	77	25.0	72	22.2	56	9	270		29.73	8	0.00	29.92	FM-15	0.00	29.91
03	1054	7	FEW:02 60 SCT:04 180 BKN:07 220	10.00		91	32.8	76	24.4	70	21.1	50	10	260		29.74			29.92	FM-15	0.00	29.92
03	1154	7	FEW:02 60 BKN:07 150 BKN:07 200	10.00		92	33.3	78	25.6	72	22.2	52	10	250		29.73			29.92	FM-15	0.00	29.91
03	1254	7	FEW:02 60 BKN:07 140 BKN:07 200	10.00		91	32.8	78	25.6	72	22.2	54	13	240		29.73	0	0.00	29.92	FM-15	0.00	29.91
03	1300	4	57	9.94		91	32.8	78	25.6	72	22.2	54	13	240		29.73	9	0.00	29.92	FM-12		
03	1354	7	BKN:07 43 BKN:07 200	10.00		93	33.9	78	25.6	72	22.2	50	11	270		29.70			29.89	FM-15	0.00	29.88
03	1454	7	SCT:04 47 SCT:04 100	10.00		92	33.3	78	25.6	72	22.2	52	10	220		29.69			29.88	FM-15	0.00	29.87
03	1554	7	FEW:02 45	10.00		91	32.8	76	24.4	69	20.6	49	13	250	22	29.68	6	+0.06	29.86	FM-15	0.00	29.86

			FEW:02 100 SCT:04 190																				
03	1654	7	FEW:02 47 BKN:07 160 BKN:07 300	10.00		90	32.2	77	25.0	71	21.7	54	11	200		29.68			29.86	FM-15	0.00	29.86	
03	1754	7	FEW:02 45 SCT:04 75 BKN:07 150	10.00		86	30.0	76	24.4	71	21.7	61	13	170		29.69			29.88	FM-15	0.00	29.87	
03	1854	7	FEW:02 45 BKN:07 200 BKN:07 300	10.00		82	27.8	73	22.8	68	20.0	63	17	180		29.72	3	-0.04	29.90	FM-15	0.00	29.90	
03	1900	4	41	9.94		82	27.8	73	22.8	68	20.0	63	17	180		29.72	3	-0.04	29.90	FM-12			
03	1954	7	SCT:04 49 BKN:07 220 OVC:08 300	10.00		80	26.7	73	22.8	70	21.1	71	16	190		29.73			29.91	FM-15	0.00	29.91	
03	2054	7	FEW:02 40 BKN:07 250 OVC:08 300	10.00		79	26.1	72	22.2	68	20.0	69	11	190		29.73			29.92	FM-15	0.00	29.91	
03	2154	7	FEW:02 40 FEW:02 70 BKN:07 230	10.00		79	26.1	71	21.7	67	19.4	67	13	190		29.74	1	-0.02	29.93	FM-15	0.00	29.92	
03	2254	7	FEW:02 75 SCT:04 110 BKN:07 150	10.00	RA  HZ	78	25.6	72	22.2	69	20.6	74	13	210		29.74			29.93	FM-15	T	29.92	
03	2354	7	FEW:02 65 SCT:04 140 BKN:07 250	10.00		76	24.4	71	21.7	69	20.6	79	13	210		29.75			29.94	FM-15	T	29.93	
04	0054	7	SCT:04 120 BKN:07 200	10.00		77	25.0	72	22.2	69	20.6	77	9	220		29.75	0	-0.01	29.93	FM-15	0.00	29.93	
04	0100	4		9.94		77	25.0	72	22.2	69	20.6	77	9	220		29.75	9	+0.01	29.93	FM-12			
04	0154	7	FEW:02 120 SCT:04 200	10.00		76	24.4	71	21.7	68	20.0	77	9	230		29.74			29.93	FM-15	0.00	29.92	
04	0254	7	CLR:00	10.00		74	23.3	71	21.7	69	20.6	85	5	210		29.74			29.93	FM-15	0.00	29.92	
04	0354	7	FEW:02 150	10.00		74	23.3	71	21.7	70	21.1	88	6	220		29.74	6	+0.01	29.93	FM-15	0.00	29.92	
04	0454	7	FEW:02 150 SCT:04 250	10.00		74	23.3	71	21.7	70	21.1	88	7	220		29.75			29.94	FM-15	0.00	29.93	
04	0554	7	FEW:02 250	8.00		74	23.3	72	22.2	71	21.7	91	5	200		29.75			29.94	FM-15	0.00	29.93	
04	0654	7	SCT:04 250	10.00		79	26.1	74	23.3	72	22.2	79	9	240		29.77	3	-0.03	29.96	FM-15	0.00	29.95	
04	0700	4		9.94		79	26.1	74	23.3	72	22.2	79	9	240		29.77	3	-0.03	29.96	FM-12			
04	0754	7	CLR:00	10.00		83	28.3	75	23.9	71	21.7	67	8	250		29.78			29.97	FM-15	0.00	29.96	
04	0854	7	FEW:02 250	10.00		86	30.0	74	23.3	69	20.6	57	9	270		29.79			29.97	FM-15	0.00	29.97	
04	0954	7	FEW:02 50 FEW:02 250	10.00		88	31.1	74	23.3	68	20.0	52	8	VRB		29.79	1	-0.02	29.98	FM-15	0.00	29.97	
04	1054	7	FEW:02 40 SCT:04 250	10.00		90	32.2	74	23.3	67	19.4	47	8	290		29.79			29.97	FM-15	0.00	29.97	
04	1154	7	SCT:04 50 BKN:07 250	10.00		88	31.1	73	22.8	66	18.9	48	6	300		29.79			29.97	FM-15	0.00	29.97	
04	1254	7	FEW:02 50 BKN:07 70 BKN:07 250	10.00		89	31.7	74	23.3	67	19.4	48	9	320		29.78	8	+0.01	29.97	FM-15	0.00	29.96	
04	1300	4	57	9.94		89	31.7	74	23.3	67	19.4	48	9	320		29.78	8	+0.01	29.97	FM-12			
04	1354	7	SCT:04 60 BKN:07 250	10.00		90	32.2	74	23.3	67	19.4	47	8	310		29.77			29.96	FM-15	0.00	29.95	
04	1454	7	SCT:04 60 BKN:07 250	10.00		92	33.3	74	23.3	66	18.9	43	7	260		29.76			29.95	FM-15	0.00	29.94	
04	1554	7	SCT:04 55 BKN:07 300	10.00		92	33.3	74	23.3	66	18.9	43	7	270		29.75	8	+0.03	29.93	FM-15	0.00	29.93	
04	1654	7	FEW:02 55 FEW:02 100 BKN:07 300	10.00		92	33.3	75	23.9	67	19.4	44	9	280		29.74			29.92	FM-15	0.00	29.92	
04	1754	7	FEW:02 50	10.00		90	32.2	74	23.3	67	19.4	47	9	260		29.75			29.93	FM-15	0.00	29.93	

			FEW:02 100 BKN:07 300																					
04	1854	7	FEW:02 45 FEW:02 120 BKN:07 300	10.00		88	31.1	74	23.3	68	20.0	52	9	250		29.77	3	-0.02	29.95	FM-15	0.00		29.95	
04	1900	4	41	9.94		88	31.1	74	23.3	68	20.0	52	9	250		29.77	3	-0.02	29.95	FM-12				
04	1954	7	FEW:02 40 FEW:02 120 BKN:07 300	10.00		83	28.3	75	23.9	71	21.7	67	3	140		29.78			29.97	FM-15	0.00		29.96	
04	2054	7	SCT:04 120 BKN:07 300	10.00		83	28.3	75	23.9	71	21.7	67	0	000		29.80			29.99	FM-15	0.00		29.98	
04	2154	7	FEW:02 48 SCT:04 80 BKN:07 110	10.00		79	26.1	73	22.8	70	21.1	74	3	050		29.82	1	-0.05	30.00	FM-15	0.00		30.00	
04	2254	7	BKN:07 130 BKN:07 300	10.00		80	26.7	73	22.8	70	21.1	71	3	020		29.82			30.00	FM-15	0.00		30.00	
04	2354	7	FEW:02 100 SCT:04 120 BKN:07 250	10.00		77	25.0	74	23.3	72	22.2	85	3	050		29.82			30.00	FM-15	T		30.00	
05	0054	7	SCT:04 120	10.00		78	25.6	74	23.3	72	22.2	82	0	000		29.81	8	+0.01	29.99	FM-15	T		29.99	
05	0100	4		9.94		78	25.6	74	23.3	72	22.2	82	0	000		29.81	8	+0.01	29.99	FM-12				
05	0154	7	SCT:04 120 BKN:07 250	10.00		78	25.6	73	22.8	71	21.7	79	0	000		29.80			29.99	FM-15	0.00		29.98	
05	0254	7	FEW:02 60 SCT:04 120	10.00		76	24.4	73	22.8	72	22.2	88	0	000		29.80			29.98	FM-15	0.00		29.98	
05	0354	7	SCT:04 250	10.00		75	23.9	72	22.2	71	21.7	88	3	010		29.79	7	+0.01	29.98	FM-15	0.00		29.97	
05	0454	7	SCT:04 250	10.00		74	23.3	71	21.7	70	21.1	88	3	350		29.81			29.99	FM-15	0.00		29.99	
05	0554	7	SCT:04 250	10.00		76	24.4	73	22.8	71	21.7	85	6	360		29.82			30.01	FM-15	0.00		30.00	
05	0654	7	FEW:02 120 SCT:04 250	10.00		78	25.6	72	22.2	69	20.6	74	3	360		29.83	1	-0.04	30.02	FM-15	0.00		30.01	
05	0700	4		9.94		78	25.6	72	22.2	69	20.6	74	3	360		29.83	1	-0.04	30.02	FM-12				
05	0754	7	FEW:02 100 SCT:04 250	10.00		81	27.2	74	23.3	70	21.1	69	0	000		29.84			30.02	FM-15	0.00		30.02	
05	0854	7	SCT:04 250	10.00		84	28.9	75	23.9	71	21.7	65	3	VRB		29.83			30.02	FM-15	0.00		30.01	
05	0954	7	BKN:07 250	10.00		87	30.6	76	24.4	71	21.7	59	7	020		29.84	1	0.00	30.02	FM-15	0.00		30.02	
05	1054	7	FEW:02 60 BKN:07 250	10.00		87	30.6	75	23.9	70	21.1	57	3	VRB		29.84			30.03	FM-15	0.00		30.02	
05	1154	7	FEW:02 45 SCT:04 210 BKN:07 300	10.00		89	31.7	75	23.9	69	20.6	52	0	000		29.84			30.02	FM-15	0.00		30.02	
05	1254	7	SCT:04 50 SCT:04 180 BKN:07 300	10.00		91	32.8	76	24.4	69	20.6	49	5	100		29.83	8	+0.01	30.01	FM-15	0.00		30.01	
05	1300	4	57	9.94		91	32.8	76	24.4	69	20.6	49	5	100		29.83	8	+0.01	30.01	FM-12				
05	1354	7	SCT:04 47 SCT:04 110 BKN:07 300	10.00		92	33.3	76	24.4	69	20.6	47	5	030		29.80			29.99	FM-15	0.00		29.98	
05	1454	7	SCT:04 49 BKN:07 120 BKN:07 300	10.00		88	31.1	76	24.4	71	21.7	57	8	350		29.78			29.97	FM-15	0.00		29.96	
05	1554	7	FEW:02 50 SCT:04 120 BKN:07 300	10.00		90	32.2	76	24.4	69	20.6	50	0	000		29.77	6	+0.05	29.96	FM-15	0.00		29.95	
05	1654	7	FEW:02 50 SCT:04 110 BKN:07 300	10.00		88	31.1	76	24.4	70	21.1	55	0	000		29.76			29.95	FM-15	0.00		29.94	
05	1754	7	FEW:02 45 FEW:02 110 BKN:07 300	10.00		88	31.1	76	24.4	70	21.1	55	3	180		29.76			29.94	FM-15	0.00		29.94	
05	1854	7	FEW:02 35 FEW:02 90	10.00		87	30.6	77	25.0	72	22.2	61	5	150		29.76	5	+0.02	29.94	FM-15	0.00		29.94	



06	1654	7	FEW:02 35 SCT:04 150 BKN:07 200	10.00		85	29.4	77	25.0	74	23.3	70	5	190		29.68			29.87	FM-15	T	29.86
06	1754	7	FEW:02 35 SCT:04 200 SCT:04 300	10.00		87	30.6	76	24.4	71	21.7	59	0	000		29.68			29.86	FM-15	0.00	29.86
06	1854	7	FEW:02 30 FEW:02 200 SCT:04 300	10.00		83	28.3	76	24.4	73	22.8	72	3	090		29.67	8	+0.01	29.85	FM-15	0.00	29.85
06	1900	4	26	9.94		83	28.3	76	24.4	73	22.8	72	3	090		29.67	8	+0.01	29.85	FM-12		
06	1954	7	FEW:02 200 SCT:04 300	10.00		80	26.7	74	23.3	71	21.7	74	3	060		29.68			29.86	FM-15	0.00	29.86
06	2054	7	SCT:04 300	10.00		78	25.6	74	23.3	72	22.2	82	3	070		29.69			29.88	FM-15	0.00	29.87
06	2154	7	SCT:04 300	10.00		78	25.6	74	23.3	72	22.2	82	3	100		29.70	2	-0.02	29.88	FM-15	0.00	29.88
06	2254	7	FEW:02 300	10.00		76	24.4	73	22.8	71	21.7	85	5	100		29.69			29.88	FM-15	0.00	29.87
06	2354	7	FEW:02 300	10.00		75	23.9	73	22.8	72	22.2	90	0	000		29.68			29.86	FM-15	0.00	29.86
07	0054	7	FEW:02 300	10.00		75	23.9	72	22.2	71	21.7	88	3	170		29.67	8	+0.03	29.85	FM-15	0.00	29.85
07	0100	4		9.94		75	23.9	72	22.2	71	21.7	88	3	170		29.67	8	+0.03	29.85	FM-12		
07	0154	7	CLR:00	10.00		75	23.9	72	22.2	71	21.7	88	0	000		29.66			29.85	FM-15	0.00	29.84
07	0254	7	CLR:00	10.00		75	23.9	72	22.2	71	21.7	88	0	000		29.66			29.84	FM-15	0.00	29.84
07	0354	7	CLR:00	8.00		74	23.3	72	22.2	71	21.7	91	3	010		29.66	5	+0.01	29.85	FM-15	0.00	29.84
07	0454	7	FEW:02 250 BKN:07 300	7.00		73	22.8	71	21.7	70	21.1	90	3	050		29.66			29.85	FM-15	0.00	29.84
07	0554	7	BKN:07 300	7.00		75	23.9	72	22.2	71	21.7	88	0	000		29.67			29.85	FM-15	0.00	29.85
07	0654	7	BKN:07 300	9.00		78	25.6	74	23.3	72	22.2	82	0	000		29.67	3	-0.01	29.86	FM-15	0.00	29.85
07	0700	4		8.70		78	25.6	74	23.3	72	22.2	82	0	000		29.67	3	-0.01	29.86	FM-12		
07	0754	7	SCT:04 250	10.00		81	27.2	75	23.9	73	22.8	77	0	000		29.68			29.87	FM-15	0.00	29.86
07	0854	7	SCT:04 250	10.00		86	30.0	78	25.6	74	23.3	67	3	060		29.69			29.87	FM-15	0.00	29.87
07	0954	7	SCT:04 70 BKN:07 250	10.00		88	31.1	78	25.6	74	23.3	63	5	050		29.68	0	-0.01	29.87	FM-15	0.00	29.86
07	1054	7	SCT:04 60 BKN:07 250	10.00		90	32.2	78	25.6	73	22.8	58	7	VRB		29.68			29.86	FM-15	0.00	29.86
07	1154	7	BKN:07 40 BKN:07 50 BKN:07 250	10.00		88	31.1	77	25.0	73	22.8	61	7	080		29.66			29.85	FM-15	0.00	29.84
07	1236	7	BKN:07 41 BKN:07 55	10.00	TS:7  TS TS	83	28.3	73	22.8	68	20.0	61	22	220	25	29.66				FM-16		29.84
07	1244	7	BKN:07 41 OVC:08 55	7.00	TS:7 RA:02  RA TS TS  RA	81	27.2	74	23.3	70	21.1	69	28	230	33	29.67				FM-16	T	29.85
07	1249	7	BKN:07 41 OVC:08 55	0.75	TS:7 RA:02  RA TS TS  RA	79	26.1	74	23.3	72	22.2	79	29	240	36	29.69				FM-16	T	29.87
07	1254	6	FEW:02 16 BKN:07 41 OVC:08 75	0.25	TS:7 s +RA:02 s  RA s TS s  RA s	*	**	*	**	*	**	*	17	250	36	29.69	3	-0.01	29.88	FM-15	0.40	29.87
07	1314	7	SCT:04 24 BKN:07 41 OVC:08 70	1.00	TS:7 RA:02  RA TS TS  RA	77	25.0	72	22.2	69	20.6	77	3	320		29.66				FM-16	0.56	29.84
07	1325	7	SCT:04 39 BKN:07 85 BKN:07 110	3.00	TS:7 -RA:02  RA TS TS  RA	79	26.1	73	22.8	70	21.1	74	5	320		29.66				FM-16	0.59	29.84
07	1354	7	SCT:04 39 BKN:07 85 BKN:07 110	10.00	TS:7 -RA:02  RA TS TS  RA	79	26.1	75	23.9	73	22.8	82	9	230		29.66			29.85	FM-15	0.33	29.84
07	1432	7	SCT:04 40 BKN:07 110 BKN:07 200	10.00		82	27.8	76	24.4	74	23.3	77	8	210		29.65				FM-16	T	29.83
07	1454	7	SCT:04 40 BKN:07 110 BKN:07 200	10.00		84	28.9	77	25.0	74	23.3	72	10	180		29.65			29.84	FM-15	T	29.83
07	1554	7	FEW:02 32	10.00		85	29.4	76	24.4	72	22.2	65	0	000		29.64	6	+0.05	29.82	FM-15	0.00	29.82





08	1412	7	FEW:02 60 SCT:04 75 BKN:07 100	10.00		79	26.1	74	23.3	71	21.7	77	8	070		29.67				FM-16	0.01	29.85
08	1454	7	FEW:02 43 BKN:07 60 BKN:07 250	10.00		80	26.7	75	23.9	73	22.8	79	10	090		29.66			29.85	FM-15	T	29.84
08	1554	7	FEW:02 43 BKN:07 60 BKN:07 250	10.00		80	26.7	75	23.9	72	22.2	76	10	170		29.65	0	0.00	29.84	FM-15	0.00	29.83
08	1654	7	SCT:04 40 BKN:07 110 BKN:07 250	10.00		78	25.6	71	21.7	68	20.0	71	8	110		29.64			29.83	FM-15	0.00	29.82
08	1754	7	SCT:04 40 BKN:07 110 BKN:07 250	10.00		77	25.0	72	22.2	70	21.1	79	6	120		29.64			29.83	FM-15	0.00	29.82
08	1854	7	SCT:04 40 BKN:07 110 BKN:07 250	10.00		76	24.4	72	22.2	70	21.1	82	3	180		29.64	5	+0.01	29.83	FM-15	0.00	29.82
08	1900	4	41	9.94		76	24.4	72	22.2	70	21.1	82	3	180		29.64	5	+0.01	29.83	FM-12		
08	1954	7	SCT:04 40 BKN:07 110 BKN:07 250	10.00		75	23.9	72	22.2	70	21.1	84	7	200		29.64			29.83	FM-15	0.00	29.82
08	2054	7	FEW:02 40 SCT:04 110 BKN:07 250	10.00		75	23.9	72	22.2	70	21.1	84	5	170		29.65			29.84	FM-15	0.00	29.83
08	2154	7	FEW:02 40 SCT:04 110 BKN:07 250	10.00		74	23.3	71	21.7	70	21.1	88	3	210		29.65	3	-0.01	29.84	FM-15	0.00	29.83
08	2254	7	SCT:04 40 BKN:07 110	10.00		74	23.3	71	21.7	70	21.1	88	3	200		29.65			29.84	FM-15	0.00	29.83
08	2354	7	BKN:07 150	10.00		75	23.9	72	22.2	70	21.1	84	3	230		29.67			29.85	FM-15	0.00	29.85
09	0054	7	BKN:07 150	10.00		73	22.8	71	21.7	70	21.1	90	3	140		29.64	8	+0.01	29.83	FM-15	0.00	29.82
09	0100	4		9.94		73	22.8	71	21.7	70	21.1	90	3	140		29.64	8	+0.01	29.83	FM-12		
09	0154	7	SCT:04 150 BKN:07 300	10.00		72	22.2	70	21.1	69	20.6	91	0	000		29.63			29.82	FM-15	0.00	29.81
09	0254	7	SCT:04 130 BKN:07 300	10.00		72	22.2	70	21.1	69	20.6	91	6	160		29.64			29.83	FM-15	0.00	29.82
09	0354	7	BKN:07 110 OVC:08 300	9.00		72	22.2	71	21.7	70	21.1	94	0	000		29.63	6	+0.01	29.82	FM-15	0.00	29.81
09	0454	7	BKN:07 100 BKN:07 300	10.00		73	22.8	71	21.7	70	21.1	90	0	000		29.63			29.82	FM-15	0.00	29.81
09	0554	7	SCT:04 100 BKN:07 300	7.00		73	22.8	72	22.2	71	21.7	94	0	000		29.63			29.82	FM-15	0.00	29.81
09	0643	7	FEW:02 4 SCT:04 100 BKN:07 300	3.00		74	23.3	72	22.2	71	21.7	91	5	140		29.63				FM-16		29.81
09	0654	7	SCT:04 4 SCT:04 100 BKN:07 300	4.00		74	23.3	72	22.2	71	21.7	91	5	130		29.63	5	0.00	29.82	FM-15	0.00	29.81
09	0700	4	5	3.73		74	23.3	72	22.2	71	21.7	91	5	130		29.63	5	0.00	29.82	FM-12		
09	0729	7	BKN:07 4	5.00		75	23.9	73	22.8	72	22.2	90	8	140		29.64				FM-16		29.82
09	0754	7	OVC:08 6	6.00		76	24.4	73	22.8	72	22.2	88	6	140		29.64			29.83	FM-15	0.00	29.82
09	0835	7	SCT:04 7 BKN:07 30 BKN:07 110	10.00		77	25.0	74	23.3	72	22.2	85	3	160		29.64				FM-16		29.82
09	0854	7	SCT:04 10 BKN:07 40 BKN:07 110	9.00		78	25.6	74	23.3	72	22.2	82	5	220		29.64			29.83	FM-15	0.00	29.82
09	0954	7	SCT:04 10 BKN:07 40 BKN:07 110	10.00		81	27.2	75	23.9	72	22.2	74	0	000		29.62	8	+0.01	29.81	FM-15	0.00	29.80
09	1054	7	FEW:02 22	10.00		84	28.9	76	24.4	73	22.8	70	5	160		29.61			29.79	FM-15	0.00	29.79





11	0254	7	FEW:02 50	10.00		71	21.7	68	20.0	67	19.4	87	0	000		29.72			29.91	FM-15	0.00	29.90
11	0354	7	FEW:02 50	10.00		71	21.7	68	20.0	67	19.4	87	5	330		29.73	5	0.00	29.91	FM-15	0.00	29.91
11	0454	7	FEW:02 250	10.00		69	20.6	66	18.9	64	17.8	84	5	340		29.75			29.94	FM-15	0.00	29.93
11	0554	7	CLR:00	10.00		71	21.7	67	19.4	64	17.8	79	5	350		29.77			29.96	FM-15	0.00	29.95
11	0654	7	FEW:02 250	10.00		74	23.3	67	19.4	63	17.2	69	8	350		29.78	1	-0.06	29.97	FM-15	0.00	29.96
11	0700	4		9.94		74	23.3	67	19.4	63	17.2	69	8	350		29.78	1	-0.06	29.97	FM-12		
11	0754	7	FEW:02 200	10.00		79	26.1	68	20.0	62	16.7	56	7	010		29.79			29.98	FM-15	0.00	29.97
11	0854	7	FEW:02 200	10.00		82	27.8	69	20.6	62	16.7	51	10	020		29.79			29.98	FM-15	0.00	29.97
11	0954	7	CLR:00	10.00		84	28.9	70	21.1	63	17.2	49	3	VRB		29.79	1	-0.01	29.98	FM-15	0.00	29.97
11	1054	7	CLR:00	10.00		86	30.0	72	22.2	64	17.8	48	6	340		29.79			29.97	FM-15	0.00	29.97
11	1154	7	BKN:07 55	10.00		87	30.6	70	21.1	60	15.6	40	7	280		29.79			29.97	FM-15	0.00	29.97
11	1254	7	BKN:07 75	10.00		89	31.7	70	21.1	59	15.0	36	9	290		29.78	8	+0.01	29.96	FM-15	0.00	29.96
11	1300	4	74	9.94		89	31.7	70	21.1	59	15.0	36	9	290		29.78	8	+0.01	29.96	FM-12		
11	1354	7	BKN:07 80	10.00		89	31.7	70	21.1	60	15.6	38	9	270		29.77			29.95	FM-15	0.00	29.95
11	1454	7	BKN:07 75	10.00		90	32.2	70	21.1	59	15.0	35	8	330		29.77			29.95	FM-15	0.00	29.95
11	1554	7	SCT:04 70	10.00		90	32.2	70	21.1	59	15.0	35	10	310		29.76	6	+0.01	29.95	FM-15	0.00	29.94
11	1654	7	FEW:02 70	10.00		88	31.1	69	20.6	58	14.4	36	8	270		29.75			29.94	FM-15	0.00	29.93
11	1754	7	FEW:02 65	10.00		88	31.1	70	21.1	59	15.0	38	6	280		29.76			29.95	FM-15	0.00	29.94
11	1854	7	FEW:02 60 FEW:02 300	10.00		85	29.4	69	20.6	59	15.0	42	7	290		29.77	3	-0.01	29.95	FM-15	0.00	29.95
11	1900	4	57	9.94		85	29.4	69	20.6	59	15.0	42	7	290		29.77	3	-0.01	29.95	FM-12		
11	1954	7	FEW:02 60 FEW:02 300	10.00		78	25.6	68	20.0	63	17.2	60	5	210		29.77			29.96	FM-15	0.00	29.95
11	2054	7	SCT:04 300	10.00		77	25.0	68	20.0	63	17.2	62	0	000		29.79			29.98	FM-15	0.00	29.97
11	2154	7	SCT:04 300	10.00		76	24.4	68	20.0	63	17.2	64	0	000		29.80	3	-0.03	29.98	FM-15	0.00	29.98
11	2254	7	SCT:04 300	10.00		74	23.3	68	20.0	64	17.8	71	3	180		29.80			29.98	FM-15	0.00	29.98
11	2354	7	FEW:02 250	10.00		73	22.8	67	19.4	64	17.8	74	0	000		29.80			29.98	FM-15	0.00	29.98
12	0054	7	CLR:00	10.00		70	21.1	66	18.9	64	17.8	82	0	000		29.79	8	0.00	29.98	FM-15	0.00	29.97
12	0100	4		9.94		70	21.1	66	18.9	64	17.8	82	0	000		29.79	8	0.00	29.98	FM-12		
12	0154	7	FEW:02 60	10.00		70	21.1	66	18.9	64	17.8	82	0	000		29.79			29.98	FM-15	0.00	29.97
12	0254	7	FEW:02 90	10.00		72	22.2	68	20.0	65	18.3	79	3	230		29.80			29.98	FM-15	0.00	29.98
12	0354	7	FEW:02 85	10.00		72	22.2	68	20.0	65	18.3	79	0	000		29.80	3	-0.01	29.99	FM-15	0.00	29.98
12	0454	7	FEW:02 80 FEW:02 250	10.00		69	20.6	66	18.9	64	17.8	84	5	170		29.81			29.99	FM-15	0.00	29.99
12	0554	7	SCT:04 85 SCT:04 250	10.00		71	21.7	68	20.0	66	18.9	84	3	210		29.82			30.01	FM-15	0.00	30.00
12	0654	7	FEW:02 80 FEW:02 250	10.00		76	24.4	70	21.1	66	18.9	72	6	270		29.83	3	-0.03	30.02	FM-15	0.00	30.01
12	0700	4	74	9.94		76	24.4	70	21.1	66	18.9	72	6	270		29.83	3	-0.03	30.02	FM-12		
12	0754	7	FEW:02 80 FEW:02 200	10.00		80	26.7	71	21.7	66	18.9	62	3	330		29.83			30.01	FM-15	0.00	30.01
12	0854	7	FEW:02 80 FEW:02 200	10.00		83	28.3	71	21.7	65	18.3	55	7	310		29.83			30.01	FM-15	0.00	30.01
12	0954	7	FEW:02 80 SCT:04 200	10.00		85	29.4	72	22.2	66	18.9	53	5	350		29.83	5	0.00	30.02	FM-15	0.00	30.01
12	1054	7	FEW:02 80 BKN:07 200	10.00		88	31.1	72	22.2	64	17.8	45	0	000		29.83			30.02	FM-15	0.00	30.01
12	1154	7	SCT:04 55 BKN:07 200	10.00		89	31.7	71	21.7	62	16.7	41	5	360		29.82			30.00	FM-15	0.00	30.00
12	1254	7	SCT:04 55 BKN:07 200	10.00		91	32.8	70	21.1	58	14.4	33	3	VRB		29.80	8	+0.03	29.98	FM-15	0.00	29.98
12	1300	4	57	9.94		91	32.8	70	21.1	58	14.4	33	3			29.80	8	+0.03	29.98	FM-12		
12	1354	7	SCT:04 70 BKN:07 200	10.00		91	32.8	70	21.1	59	15.0	34	9	260	20	29.79			29.97	FM-15	0.00	29.97
12	1454	7	FEW:02 70	10.00		92	33.3	70	21.1	57	13.9	31	10	280		29.78			29.97	FM-15	0.00	29.96





			BKN:07 190																				
14	2254	7	SCT:04 27 SCT:04 60 OVC:08 190	10.00		79	26.1	76	24.4	74	23.3	85	5	170		29.76			29.95	FM-15	0.00	29.94	
14	2352	6	BKN:07 25 BKN:07 34 OVC:08 48	10.00		-RA:02  RA  RA	79	26.1	76	24.4	75	23.9	89	6	180		29.77			FM-16		29.95	
14	2354	7	BKN:07 25 BKN:07 34 OVC:08 48	10.00		-RA:02  RA  RA	79	26.1	76	24.4	75	23.9	88	6	180		29.77		29.96	FM-15	0.01	29.95	
15	0002	7	SCT:04 25 BKN:07 32 OVC:08 48	10.00			79	26.1	76	24.4	74	23.3	85	7	190		29.77			FM-16	T	29.95	
15	0054	7	SCT:04 30 BKN:07 36 BKN:07 190	10.00			79	26.1	76	24.4	74	23.3	85	7	190		29.75	8	0.00	29.94	FM-15	0.00	29.93
15	0100	4	26	9.94			79	26.1	76	24.4	74	23.3	85	7	190		29.75	8	0.00	29.94	FM-12		
15	0154	7	FEW:02 36 SCT:04 190	10.00			78	25.6	75	23.9	73	22.8	85	8	200		29.73			29.91	FM-15	0.00	29.91
15	0254	7	CLR:00	10.00			76	24.4	74	23.3	73	22.8	91	6	200		29.71			29.90	FM-15	0.00	29.89
15	0354	7	SCT:04 3	10.00			76	24.4	74	23.3	73	22.8	91	6	210		29.72	5	+0.04	29.90	FM-15	0.00	29.90
15	0423	7	BKN:07 8	10.00			75	23.9	73	22.8	72	22.2	90	5	190		29.72				FM-16		29.90
15	0454	7	OVC:08 8	10.00			76	24.4	74	23.3	73	22.8	91	3	190		29.73			29.92	FM-15	0.00	29.91
15	0554	7	OVC:08 6	9.00			76	24.4	74	23.3	73	22.8	91	7	200		29.76			29.94	FM-15	0.00	29.94
15	0654	7	OVC:08 6	6.00		BR:1	76	24.4	74	23.3	73	22.8	91	6	180		29.77	3	-0.06	29.96	FM-15	0.00	29.95
15	0700	4	5	5.59			76	24.4	74	23.3	73	22.8	91	6	180		29.77	3	-0.06	29.96	FM-12		
15	0754	7	OVC:08 5	6.00		BR:1	76	24.4	74	23.3	73	22.8	91	5	190		29.79			29.98	FM-15	0.00	29.97
15	0854	7	OVC:08 8	8.00			78	25.6	75	23.9	73	22.8	85	6	180		29.78			29.97	FM-15	0.00	29.96
15	0933	7	OVC:08 10	9.00			79	26.1	75	23.9	73	22.8	82	6	200		29.78				FM-16		29.96
15	0954	7	OVC:08 11	9.00			79	26.1	75	23.9	73	22.8	82	6	170		29.79	1	-0.01	29.97	FM-15	0.00	29.97
15	1054	7	OVC:08 13	10.00			80	26.7	75	23.9	73	22.8	79	6	170		29.79			29.97	FM-15	0.00	29.97
15	1123	7	OVC:08 15	10.00			82	27.8	76	24.4	74	23.3	77	3	VRB		29.78				FM-16		29.96
15	1154	7	BKN:07 18 BKN:07 300	10.00			85	29.4	77	25.0	74	23.3	70	5	210		29.77			29.96	FM-15	0.00	29.95
15	1239	7	SCT:04 21 BKN:07 300	10.00			86	30.0	78	25.6	74	23.3	67	6	VRB		29.75				FM-16		29.93
15	1254	7	SCT:04 24 BKN:07 300	10.00			87	30.6	78	25.6	75	23.9	67	7	140		29.75	8	+0.04	29.93	FM-15	0.00	29.93
15	1300	4	26	9.94			87	30.6	78	25.6	75	23.9	67	7	140		29.75	8	+0.04	29.93	FM-12		
15	1329	7	BKN:07 26 BKN:07 300	10.00			88	31.1	79	26.1	75	23.9	66	8	170		29.74				FM-16		29.92
15	1354	7	BKN:07 28 BKN:07 300	10.00			89	31.7	78	25.6	74	23.3	61	5	200		29.72			29.91	FM-15	0.00	29.90
15	1416	7	BKN:07 31 BKN:07 300	10.00			89	31.7	79	26.1	75	23.9	63	9	180		29.72				FM-16		29.90
15	1454	7	BKN:07 33 BKN:07 300	10.00			90	32.2	79	26.1	74	23.3	59	8	180		29.70			29.89	FM-15	0.00	29.88
15	1554	7	BKN:07 35 BKN:07 300	10.00			91	32.8	78	25.6	73	22.8	56	11	160		29.68	8	+0.06	29.87	FM-15	0.00	29.86
15	1654	7	SCT:04 43 BKN:07 65 BKN:07 250	10.00			88	31.1	78	25.6	74	23.3	63	9	160		29.66			29.85	FM-15	T	29.84
15	1740	7	FEW:02 8 SCT:04 40 BKN:07 80	8.00		RA	82	27.8	77	25.0	75	23.9	79	9	150		29.67				FM-16	T	29.85
15	1754	7	SCT:04 38 BKN:07 50 BKN:07 85	10.00			82	27.8	76	24.4	74	23.3	77	7	160		29.68			29.86	FM-15	T	29.86
15	1854	7	SCT:04 30	10.00			81	27.2	76	24.4	74	23.3	79	7	160		29.67	6	+0.01	29.86	FM-15	0.00	29.85



			SCT:04 50 BKN:07 100																					
15	1900	4	26	9.94		81	27.2	76	24.4	74	23.3	79	7	160		29.67	6	+0.01	29.86	FM-12				
15	1954	7	FEW:02 30 SCT:04 50 BKN:07 100	10.00		80	26.7	76	24.4	74	23.3	82	7	130		29.67			29.86	FM-15	0.00	29.85		
15	2054	7	SCT:04 65 BKN:07 100 BKN:07 250	10.00		80	26.7	77	25.0	75	23.9	85	10	140		29.68			29.87	FM-15	0.00	29.86		
15	2154	7	BKN:07 50 BKN:07 80	10.00		79	26.1	75	23.9	73	22.8	82	11	170		29.69	3	-0.02	29.88	FM-15	0.00	29.87		
15	2254	7	SCT:04 45 SCT:04 70 BKN:07 85	10.00		78	25.6	75	23.9	73	22.8	85	8	190		29.70			29.89	FM-15	0.00	29.88		
15	2354	7	SCT:04 23 BKN:07 35 OVC:08 65	10.00		78	25.6	75	23.9	73	22.8	85	9	190		29.68			29.87	FM-15	0.00	29.86		
16	0005	7	BKN:07 18 BKN:07 24 OVC:08 49	10.00		79	26.1	75	23.9	73	22.8	82	14	180		29.68				FM-16		29.86		
16	0052	6	SCT:04 15 SCT:04 40 OVC:08 180	10.00		79	26.1	75	23.9	73	22.8	84	9	180		29.67				FM-16		29.85		
16	0054	7	SCT:04 15 SCT:04 40 OVC:08 180	10.00		78	25.6	75	23.9	74	23.3	87	9	170		29.67	8	+0.02	29.85	FM-15	0.00	29.85		
16	0100	4	15	9.94		78	25.6	75	23.9	74	23.3	87	9	170		29.67	8	+0.02	29.85	FM-12				
16	0101	7	FEW:02 11 BKN:07 17 BKN:07 47	10.00		78	25.6	75	23.9	74	23.3	87	8	180		29.67				FM-16		29.85		
16	0117	7	BKN:07 9 OVC:08 15	10.00		78	25.6	75	23.9	74	23.3	87	7	190		29.66				FM-16		29.84		
16	0146	7	OVC:08 11	10.00		78	25.6	76	24.4	75	23.9	90	11	190		29.65				FM-16		29.83		
16	0154	7	BKN:07 11 OVC:08 15	10.00		78	25.6	76	24.4	75	23.9	90	9	190		29.65			29.83	FM-15	0.00	29.83		
16	0254	7	BKN:07 10 OVC:08 16	10.00		78	25.6	76	24.4	75	23.9	90	7	180		29.63			29.82	FM-15	T	29.81		
16	0312	7	SCT:04 8 BKN:07 15 OVC:08 25	10.00		78	25.6	76	24.4	75	23.9	90	6	160		29.62				FM-16		29.80		
16	0329	7	BKN:07 11 BKN:07 17 OVC:08 24	10.00		78	25.6	76	24.4	75	23.9	90	8	170		29.62				FM-16		29.80		
16	0350	7	BKN:07 8 BKN:07 11 BKN:07 17	9.00		77	25.0	76	24.4	75	23.9	94	8	170		29.62				FM-16		29.80		
16	0354	7	BKN:07 6 BKN:07 11 OVC:08 210	9.00		78	25.6	76	24.4	75	23.9	90	8	170		29.62	6	+0.03	29.80	FM-15	0.00	29.80		
16	0411	7	SCT:04 6 BKN:07 10 OVC:08 210	8.00		77	25.0	76	24.4	75	23.9	94	9	180		29.62				FM-16		29.80		
16	0452	6	FEW:02 6 SCT:04 16 BKN:07 26	9.00		79	26.1	76	24.4	75	23.9	89	6	180		29.62				FM-16		29.80		
16	0454	7	FEW:02 6 SCT:04 16 BKN:07 26	9.00		78	25.6	76	24.4	75	23.9	90	6	180		29.62			29.81	FM-15	0.00	29.80		
16	0554	7	FEW:02 8 SCT:04 14 OVC:08 20	7.00		78	25.6	76	24.4	75	23.9	90	5	150		29.64			29.82	FM-15	0.00	29.82		
16	0601	7	BKN:07 14 OVC:08 20	7.00		78	25.6	76	24.4	75	23.9	90	5	150		29.64				FM-16		29.82		

16	0652	6	BKN:07 8 OVC:08 15	7.00		79	26.1	76	24.4	75	23.9	89	6	180		29.64				FM-16		29.82
16	0654	7	BKN:07 8 OVC:08 15	7.00		79	26.1	77	25.0	76	24.4	90	7	180		29.64	1	-0.02	29.83	FM-15	0.00	29.82
16	0700	4	8	6.84		79	26.1	77	25.0	76	24.4	90	7	180		29.64	1	-0.02	29.83	FM-12		
16	0754	7	BKN:07 8 OVC:08 14	9.00		80	26.7	77	25.0	76	24.4	87	8	190		29.63			29.82	FM-15	0.00	29.81
16	0854	7	BKN:07 7 BKN:07 14 OVC:08 30	10.00		82	27.8	78	25.6	76	24.4	82	9	180		29.63			29.81	FM-15	0.00	29.81
16	0954	7	BKN:07 8 BKN:07 16 OVC:08 30	10.00		82	27.8	78	25.6	76	24.4	82	9	190		29.62	8	+0.02	29.80	FM-15	0.00	29.80
16	1019	7	FEW:02 8 BKN:07 15 OVC:08 45	6.00	RA:02 BR:1  RA  RA	81	27.2	78	25.6	77	25.0	88	9	170		29.62				FM-16	T	29.80
16	1052	6	BKN:07 11 BKN:07 42 OVC:08 80	1.50	+RA:02 BR:1  RA  RA	81	27.2	77	25.0	75	23.9	84	8	190		29.62				FM-16		29.80
16	1054	7	BKN:07 11 BKN:07 42 OVC:08 80	1.50	+RA:02 BR:1  RA  RA	79	26.1	77	25.0	76	24.4	90	7	200		29.62			29.80	FM-15	0.20	29.80
16	1102	6	BKN:07 8 OVC:08 28	0.75	+RA:02 BR:1  RA  RA	77	25.0	75	23.9	74	23.3	90	7	330		29.62				FM-16		29.80
16	1116	7	BKN:07 8 OVC:08 14	0.25	+RA:02 FG:2  FG RA  RA	76	24.4	75	23.9	74	23.3	94	15	300	21	29.63				FM-16	0.43	29.81
16	1142	7	BKN:07 9 OVC:08 14	0.75	+RA:02 BR:1  RA  RA	75	23.9	74	23.3	73	22.8	94	9	330		29.63				FM-16	1.48	29.81
16	1151	7	SCT:04 14 BKN:07 25 OVC:08 40	1.50	+RA:02 BR:1  RA  RA	75	23.9	74	23.3	73	22.8	94	8	340		29.62				FM-16	1.56	29.80
16	1152	7	SCT:04 14 BKN:07 25 OVC:08 40	1.50	+RA:02 BR:1  RA  RA	75	23.9	74	23.3	73	22.8	94	8	350		29.62			29.81	FM-15	1.50	29.80
16	1200	7	FEW:02 15 BKN:07 23 OVC:08 30	3.00	-RA:02 BR:1  RA  RA	76	24.4	75	23.9	74	23.3	94	8	350		29.62				FM-16	0.02	29.80
16	1220	7	SCT:04 12 BKN:07 35 OVC:08 40	10.00	-RA:02  RA  RA	78	25.6	76	24.4	75	23.9	90	9	360		29.61				FM-16	0.03	29.79
16	1254	7	BKN:07 8 BKN:07 35 BKN:07 80	10.00		79	26.1	76	24.4	74	23.3	85	10	350		29.61	8	+0.01	29.80	FM-15	0.01	29.79
16	1300	4	8	9.94		79	26.1	76	24.4	74	23.3	85	10	350		29.61	8	+0.01	29.80	FM-12		
16	1352	6	FEW:02 8 BKN:07 15 BKN:07 50	10.00		82	27.8	76	24.4	73	22.8	74	11	340		29.62				FM-16		29.80
16	1354	7	FEW:02 8 BKN:07 15 BKN:07 50	10.00		83	28.3	76	24.4	73	22.8	72	10	330		29.62			29.80	FM-15	0.00	29.80
16	1408	7	FEW:02 14 SCT:04 18 BKN:07 110	10.00		84	28.9	77	25.0	74	23.3	72	7	350	17	29.62				FM-16		29.80
16	1454	7	FEW:02 14 SCT:04 25 BKN:07 120	10.00		87	30.6	78	25.6	74	23.3	65	7	350		29.62			29.80	FM-15	0.00	29.80
16	1554	7	SCT:04 32 SCT:04 40 BKN:07 120	10.00		86	30.0	76	24.4	72	22.2	63	8	010		29.63	3	-0.02	29.82	FM-15	0.00	29.81
16	1654	7	SCT:04 34 SCT:04 120	10.00		86	30.0	76	24.4	72	22.2	63	6	040		29.63			29.82	FM-15	0.00	29.81
16	1754	7	SCT:04 34 SCT:04 60	10.00		85	29.4	76	24.4	72	22.2	65	0	000		29.65			29.84	FM-15	0.00	29.83



17	1854	7	FEW:02 35 SCT:04 300	10.00		83	28.3	76	24.4	73	22.8	72	7	140		29.78	3	-0.02	29.96	FM-15	0.00	29.96	
17	1900	4	41	9.94		83	28.3	76	24.4	73	22.8	72	7	140		29.78	3	-0.02	29.96	FM-12			
17	1954	7	FEW:02 39 SCT:04 300	10.00		80	26.7	76	24.4	74	23.3	82	5	170		29.78			29.97	FM-15	0.00	29.96	
17	2054	7	FEW:02 38 SCT:04 300	10.00		78	25.6	75	23.9	74	23.3	87	5	170		29.79			29.98	FM-15	0.00	29.97	
17	2154	7	FEW:02 36	10.00		79	26.1	76	24.4	74	23.3	85	3	160		29.80	3	-0.03	29.99	FM-15	0.00	29.98	
17	2254	7	FEW:02 35	10.00		76	24.4	73	22.8	72	22.2	88	0	000		29.80			29.98	FM-15	0.00	29.98	
17	2354	7	CLR:00	9.00		77	25.0	74	23.3	73	22.8	88	0	000		29.81			29.99	FM-15	0.00	29.99	
18	0054	7	CLR:00	7.00		75	23.9	73	22.8	72	22.2	90	3	170		29.79	8	+0.01	29.98	FM-15	0.00	29.97	
18	0100	4		6.84		75	23.9	73	22.8	72	22.2	90	3	170		29.79	8	+0.01	29.98	FM-12			
18	0154	7	CLR:00	7.00		75	23.9	73	22.8	72	22.2	90	5	190		29.78			29.97	FM-15	0.00	29.96	
18	0254	7	CLR:00	8.00		76	24.4	73	22.8	71	21.7	85	5	220		29.77			29.96	FM-15	0.00	29.95	
18	0354	7	CLR:00	7.00		73	22.8	71	21.7	70	21.1	90	3	220		29.78	5	+0.01	29.97	FM-15	0.00	29.96	
18	0454	7	CLR:00	6.00		HZ:7  FU  HZ	75	23.9	72	22.2	70	21.1	84	7	240		29.78			29.96	FM-15	0.00	29.96
18	0554	7	FEW:02 300	4.00		BR:1	73	22.8	71	21.7	70	21.1	90	5	210		29.79			29.97	FM-15	0.00	29.97
18	0654	7	CLR:00	5.00		HZ:7  FU  HZ	76	24.4	72	22.2	70	21.1	82	6	230		29.81	3	-0.03	29.99	FM-15	0.00	29.99
18	0700	4		4.97		HZ	76	24.4	72	22.2	70	21.1	82	6	230		29.81	3	-0.03	29.99	FM-12		
18	0754	7	CLR:00	6.00		HZ:7  FU  HZ	80	26.7	72	22.2	68	20.0	67	9	270		29.81			30.00	FM-15	0.00	29.99
18	0854	7	CLR:00	6.00		HZ:7  FU  HZ	83	28.3	72	22.2	67	19.4	59	7	VRB		29.82			30.00	FM-15	0.00	30.00
18	0954	7	CLR:00	9.00			85	29.4	71	21.7	64	17.8	50	11	260		29.82	1	-0.01	30.00	FM-15	0.00	30.00
18	1054	7	FEW:02 200	10.00			88	31.1	73	22.8	65	18.3	46	11	270		29.83			30.01	FM-15	0.00	30.01
18	1154	7	FEW:02 200	10.00			89	31.7	71	21.7	62	16.7	41	10	240		29.82			30.01	FM-15	0.00	30.00
18	1254	7	FEW:02 55 FEW:02 200	10.00			90	32.2	72	22.2	62	16.7	39	8	VRB		29.82	0	0.00	30.00	FM-15	0.00	30.00
18	1300	4	57	9.94			90	32.2	72	22.2	62	16.7	39	8	300		29.82	9	0.00	30.00	FM-12		
18	1354	7	FEW:02 55 FEW:02 200	10.00			91	32.8	71	21.7	60	15.6	35	10	220		29.80			29.98	FM-15	0.00	29.98
18	1454	7	FEW:02 55 FEW:02 200	10.00			90	32.2	72	22.2	62	16.7	39	0	000		29.79			29.98	FM-15	0.00	29.97
18	1554	7	FEW:02 60	10.00			90	32.2	72	22.2	63	17.2	41	11	250		29.79	6	+0.03	29.97	FM-15	0.00	29.97
18	1654	7	CLR:00	10.00			89	31.7	71	21.7	61	16.1	39	10	250		29.79			29.97	FM-15	0.00	29.97
18	1754	7	CLR:00	10.00			87	30.6	71	21.7	63	17.2	45	7	290		29.78			29.97	FM-15	0.00	29.96
18	1854	7	FEW:02 300	10.00			85	29.4	71	21.7	63	17.2	48	5	260		29.79	3	0.00	29.97	FM-15	0.00	29.97
18	1900	4		9.94			85	29.4	71	21.7	63	17.2	48	5	260		29.79	3	0.00	29.97	FM-12		
18	1954	7	SCT:04 300	10.00			79	26.1	71	21.7	67	19.4	67	3	180		29.81			30.00	FM-15	0.00	29.99
18	2054	7	SCT:04 300	10.00			77	25.0	70	21.1	67	19.4	71	5	150		29.84			30.03	FM-15	0.00	30.02
18	2154	7	SCT:04 300	10.00			76	24.4	70	21.1	67	19.4	74	5	140		29.84	1	-0.05	30.03	FM-15	0.00	30.02
18	2254	7	BKN:07 120	10.00			75	23.9	70	21.1	68	20.0	79	0	000		29.84			30.03	FM-15	0.00	30.02
18	2354	7	FEW:02 120	10.00			74	23.3	71	21.7	69	20.6	85	6	130		29.83			30.02	FM-15	0.00	30.01
19	0054	7	CLR:00	10.00			74	23.3	70	21.1	68	20.0	82	3	160		29.82	8	+0.02	30.01	FM-15	0.00	30.00
19	0100	4		9.94			74	23.3	70	21.1	68	20.0	82	3	160		29.82	8	+0.02	30.01	FM-12		
19	0154	7	CLR:00	10.00			74	23.3	70	21.1	68	20.0	82	6	180		29.82			30.01	FM-15	0.00	30.00
19	0254	7	CLR:00	10.00			74	23.3	69	20.6	67	19.4	79	6	180		29.81			29.99	FM-15	0.00	29.99
19	0354	7	CLR:00	8.00			75	23.9	71	21.7	69	20.6	82	8	190		29.81	5	+0.01	30.00	FM-15	0.00	29.99
19	0454	7	SCT:04 120	6.00		HZ:7  FU  HZ	76	24.4	72	22.2	70	21.1	82	8	200		29.81			29.99	FM-15	0.00	29.99
19	0554	7	FEW:02 70	4.00		HZ:7  FU  HZ	77	25.0	73	22.8	71	21.7	82	8	220		29.82			30.01	FM-15	0.01	30.00
19	0654	7	OVC:08 120	4.00		HZ:7  FU  HZ	79	26.1	74	23.3	71	21.7	77	7	260		29.84	3	-0.04	30.03	FM-15	0.00	30.02
19	0700	4		3.73		HZ	79	26.1	74	23.3	71	21.7	77	7	260		29.84	3	-0.04	30.03	FM-12		
19	0754	7	SCT:04 34 SCT:04 47 BKN:07 110	4.00		-RA:02  RA  RA	78	25.6	74	23.3	72	22.2	82	6	240		29.86			30.04	FM-15	T	30.04
19	0854	7	SCT:04 46	5.00		HZ:7  FU  HZ	79	26.1	74	23.3	71	21.7	77	6	310		29.86			30.04	FM-15	T	30.04

			SCT:04 60 OVC:08 110																			
19	0954	7	FEW:02 41 BKN:07 55 OVC:08 110	3.00	-RA:02  RA  RA	77	25.0	72	22.2	70	21.1	79	6	230		29.85	0	0.00	30.04	FM-15	0.05	30.03
19	1054	7	FEW:02 35 SCT:04 80 OVC:08 100	6.00	HZ:7  FU  HZ	80	26.7	75	23.9	73	22.8	79	3	VRB		29.84			30.03	FM-15	0.02	30.02
19	1154	7	FEW:02 35 SCT:04 80 OVC:08 100	7.00		82	27.8	74	23.3	71	21.7	69	0	000		29.84			30.03	FM-15	0.00	30.02
19	1254	7	FEW:02 46 SCT:04 65 BKN:07 75	5.00	RA  HZ	81	27.2	74	23.3	71	21.7	72	0	000		29.83	7	+0.02	30.02	FM-15	T	30.01
19	1300	4	41	4.97	RA	81	27.2	74	23.3	71	21.7	72	0	000		29.83	7	+0.02	30.02	FM-12		
19	1354	7	FEW:02 46 SCT:04 65 BKN:07 110	6.00	FU  HZ	85	29.4	75	23.9	71	21.7	63	0	000		29.80			29.98	FM-15	T	29.98
19	1454	7	SCT:04 32 BKN:07 42 BKN:07 70	6.00	FU  HZ	87	30.6	76	24.4	71	21.7	59	7	240		29.80			29.98	FM-15	0.00	29.98
19	1554	7	BKN:07 35 BKN:07 70 BKN:07 300	7.00		87	30.6	77	25.0	72	22.2	61	5	360		29.79	6	+0.04	29.98	FM-15	0.00	29.97
19	1654	7	FEW:02 38 SCT:04 75 OVC:08 300	8.00		87	30.6	76	24.4	71	21.7	59	6	340		29.79			29.97	FM-15	0.00	29.97
19	1754	7	FEW:02 36 FEW:02 80 OVC:08 300	10.00		86	30.0	74	23.3	69	20.6	57	8	280		29.79			29.97	FM-15	0.00	29.97
19	1854	7	FEW:02 35 FEW:02 80 BKN:07 300	10.00		85	29.4	74	23.3	69	20.6	59	3	320		29.80	3	-0.01	29.98	FM-15	0.00	29.98
19	1900	4	41	9.94		85	29.4	74	23.3	69	20.6	59	3	320		29.80	3	-0.01	29.98	FM-12		
19	1954	7	FEW:02 35 FEW:02 95 BKN:07 300	7.00		79	26.1	76	24.4	74	23.3	85	6	130		29.81			30.00	FM-15	0.00	29.99
19	2054	7	FEW:02 30 SCT:04 75 BKN:07 300	7.00		78	25.6	75	23.9	74	23.3	87	7	080		29.83			30.01	FM-15	0.00	30.01
19	2154	7	FEW:02 75 BKN:07 300	7.00		76	24.4	74	23.3	73	22.8	91	5	200		29.84	1	-0.04	30.03	FM-15	0.00	30.02
19	2254	7	SCT:04 300	7.00		77	25.0	74	23.3	73	22.8	88	0	000		29.83			30.02	FM-15	0.00	30.01
19	2354	7	SCT:04 300	5.00	BR:1	75	23.9	74	23.3	73	22.8	94	3	200		29.83			30.02	FM-15	0.00	30.01
20	0054	7	SCT:04 300	4.00	BR:1	75	23.9	74	23.3	73	22.8	94	0	000		29.82	8	+0.01	30.01	FM-15	0.00	30.00
20	0100	4		3.73		75	23.9	74	23.3	73	22.8	94	0	000		29.82	8	+0.01	30.01	FM-12		
20	0154	7	SCT:04 300	6.00	BR:1	74	23.3	73	22.8	72	22.2	94	0	000		29.82			30.00	FM-15	0.00	30.00
20	0254	7	CLR:00	4.00	BR:1	73	22.8	72	22.2	71	21.7	94	0	000		29.80			29.98	FM-15	0.00	29.98
20	0354	7	CLR:00	6.00	BR:1	73	22.8	72	22.2	71	21.7	94	0	000		29.81	5	+0.01	30.00	FM-15	0.00	29.99
20	0436	7	SCT:04 300	3.00	BR:1	73	22.8	72	22.2	71	21.7	94	0	000		29.81				FM-16		29.99
20	0444	7	CLR:00	4.00	BR:1	73	22.8	72	22.2	71	21.7	94	0	000		29.82				FM-16		30.00
20	0454	7	CLR:00	4.00	BR:1	73	22.8	71	21.7	70	21.1	90	0	000		29.82			30.01	FM-15	0.00	30.00
20	0554	6	CLR:00	9.00		75	23.9	72	22.2	71	21.7	88	7	330		29.83			30.02	FM-15	0.00	30.01
20	0654	6	CLR:00	10.00		77	25.0	72	22.2	69	20.6	77	7	360		29.84	1	-0.03	30.02	FM-15	0.00	30.02
20	0754	7	CLR:00	10.00		81	27.2	72	22.2	68	20.0	65	8	020		29.84			30.02	FM-15	0.00	30.02
20	0854	7	SCT:04 250	10.00		83	28.3	72	22.2	67	19.4	59	7	020		29.82			30.01	FM-15	0.00	30.00
20	0954	7	SCT:04 250	10.00		86	30.0	74	23.3	69	20.6	57	8	010		29.82	7	+0.01	30.01	FM-15	0.00	30.00
20	1054	7	FEW:02 80 SCT:04 250	10.00		87	30.6	74	23.3	68	20.0	53	3	020		29.82			30.01	FM-15	0.00	30.00
20	1154	7	FEW:02 35	10.00		87	30.6	73	22.8	66	18.9	50	3	040		29.81			29.99	FM-15	0.00	29.99

			FEW:02 85 SCT:04 200																				
20	1254	7	BKN:07 49 BKN:07 60 BKN:07 200	10.00		88	31.1	74	23.3	67	19.4	50	3	VRB		29.79	8	+0.03	29.98	FM-15	0.00	29.97	
20	1300	4	41	9.94		88	31.1	74	23.3	67	19.4	50	3			29.79	8	+0.03	29.98	FM-12			
20	1354	7	SCT:04 50 BKN:07 65 BKN:07 200	10.00		90	32.2	74	23.3	67	19.4	47	10	210		29.78			29.96	FM-15	0.00	29.96	
20	1454	7	SCT:04 55 BKN:07 65 BKN:07 200	10.00		90	32.2	74	23.3	67	19.4	47	8	200		29.75			29.94	FM-15	0.00	29.93	
20	1554	7	SCT:04 55 SCT:04 210 BKN:07 300	10.00		89	31.7	75	23.9	68	20.0	50	6	180		29.73	8	+0.06	29.92	FM-15	0.00	29.91	
20	1654	7	FEW:02 55 SCT:04 75 BKN:07 300	10.00		88	31.1	74	23.3	67	19.4	50	5	190		29.73			29.92	FM-15	0.00	29.91	
20	1754	7	FEW:02 50 SCT:04 80 BKN:07 300	10.00		88	31.1	74	23.3	68	20.0	52	6	180		29.71			29.90	FM-15	0.00	29.89	
20	1854	7	FEW:02 40 SCT:04 85 BKN:07 300	10.00		85	29.4	75	23.9	70	21.1	61	7	190		29.71	8	+0.02	29.89	FM-15	0.00	29.89	
20	1900	4	41	9.94		85	29.4	75	23.9	70	21.1	61	7	190		29.71	8	+0.02	29.89	FM-12			
20	1954	7	FEW:02 85 SCT:04 250 BKN:07 300	10.00		81	27.2	75	23.9	72	22.2	74	5	150		29.70			29.88	FM-15	0.00	29.88	
20	2054	7	FEW:02 250 BKN:07 300	10.00		79	26.1	74	23.3	71	21.7	77	6	160		29.69			29.88	FM-15	0.00	29.87	
20	2154	7	FEW:02 85 SCT:04 300	10.00		75	23.9	72	22.2	71	21.7	88	5	100		29.68	6	+0.02	29.87	FM-15	0.00	29.86	
20	2254	7	SCT:04 300	10.00		77	25.0	74	23.3	72	22.2	85	5	140		29.67			29.85	FM-15	0.00	29.85	
20	2354	7	SCT:04 300	8.00		76	24.4	73	22.8	72	22.2	88	0	000		29.66			29.84	FM-15	0.00	29.84	
21	0054	7	SCT:04 160 BKN:07 300	8.00		77	25.0	74	23.3	73	22.8	88	5	170		29.63	8	+0.05	29.82	FM-15	0.00	29.81	
21	0100	4		7.46		77	25.0	74	23.3	73	22.8	88	5	170		29.63	8	+0.05	29.82	FM-12			
21	0154	7	SCT:04 160 BKN:07 300	9.00		76	24.4	73	22.8	72	22.2	88	8	200		29.62			29.81	FM-15	0.00	29.80	
21	0254	7	FEW:02 160 FEW:02 300	10.00		76	24.4	73	22.8	71	21.7	85	0	000		29.60			29.79	FM-15	0.00	29.78	
21	0354	7	FEW:02 160 FEW:02 300	9.00		75	23.9	72	22.2	71	21.7	88	0	000		29.59	8	+0.04	29.78	FM-15	0.00	29.77	
21	0454	7	FEW:02 70 SCT:04 160 SCT:04 300	9.00		74	23.3	72	22.2	71	21.7	91	0	000		29.59			29.78	FM-15	0.00	29.77	
21	0554	7	FEW:02 70 BKN:07 95 BKN:07 300	7.00		75	23.9	73	22.8	72	22.2	90	5	020		29.60			29.78	FM-15	0.00	29.78	
21	0609	7	BKN:07 14 OVC:08 95	8.00		76	24.4	73	22.8	72	22.2	88	10	020		29.61				FM-16		29.79	
21	0616	7	FEW:02 11 BKN:07 16 OVC:08 95	8.00		75	23.9	72	22.2	71	21.7	88	9	040		29.60				FM-16		29.78	
21	0642	7	FEW:02 11 SCT:04 17 SCT:04 90	10.00		76	24.4	71	21.7	69	20.6	79	11	060		29.59				FM-16		29.77	
21	0654	7	FEW:02 11 SCT:04 17 SCT:04 90	10.00		76	24.4	71	21.7	69	20.6	79	7	080		29.59	0	0.00	29.78	FM-15	0.00	29.77	
21	0700	4	15	9.94		76	24.4	71	21.7	69	20.6	79	7	080		29.59	9	0.00	29.78	FM-12			
21	0754	7	SCT:04 90	10.00		79	26.1	72	22.2	69	20.6	72	6	340		29.61			29.79	FM-15	0.00	29.79	

			BKN:07 250																					
21	0854	7	SCT:04 28 BKN:07 34 BKN:07 90	10.00		80	26.7	72	22.2	68	20.0	67	7	360		29.61			29.80	FM-15	0.00	29.79		
21	0954	7	FEW:02 26 FEW:02 34 BKN:07 90	10.00		81	27.2	72	22.2	68	20.0	65	8	330		29.61	1	-0.02	29.80	FM-15	0.00	29.79		
21	1054	7	FEW:02 26 FEW:02 34 SCT:04 90	10.00		85	29.4	75	23.9	70	21.1	61	6	VRB		29.62			29.80	FM-15	0.00	29.80		
21	1154	7	SCT:04 35 SCT:04 90 BKN:07 200	10.00		86	30.0	74	23.3	69	20.6	57	11	VRB		29.61			29.80	FM-15	0.00	29.79		
21	1254	7	SCT:04 42 BKN:07 49 BKN:07 90	10.00		87	30.6	74	23.3	68	20.0	53	13	320	20	29.61	8	+0.01	29.79	FM-15	0.00	29.79		
21	1300	4	41	9.94		87	30.6	74	23.3	68	20.0	53	13	320		29.61	8	+0.01	29.79	FM-12				
21	1354	7	FEW:02 46 SCT:04 60 BKN:07 200	10.00		89	31.7	75	23.9	68	20.0	50	9	360		29.60			29.79	FM-15	0.00	29.78		
21	1454	7	SCT:04 46 SCT:04 60 BKN:07 110	10.00		89	31.7	74	23.3	66	18.9	47	10	020		29.59			29.78	FM-15	0.00	29.77		
21	1554	7	SCT:04 46 SCT:04 60 BKN:07 110	10.00		88	31.1	73	22.8	65	18.3	46	10	330		29.60	5	+0.01	29.79	FM-15	0.00	29.78		
21	1654	7	FEW:02 55 BKN:07 80 OVC:08 95	10.00		86	30.0	73	22.8	66	18.9	51	10	340		29.60			29.78	FM-15	0.00	29.78		
21	1754	7	FEW:02 50 BKN:07 80	10.00		87	30.6	74	23.3	67	19.4	51	6	010		29.60			29.78	FM-15	0.00	29.78		
21	1854	7	FEW:02 50	10.00		83	28.3	71	21.7	65	18.3	55	5	020		29.60	3	0.00	29.79	FM-15	0.00	29.78		
21	1900	4	57	9.94		83	28.3	71	21.7	65	18.3	55	5	020		29.60	3	0.00	29.79	FM-12				
21	1954	7	FEW:02 50	10.00		80	26.7	71	21.7	66	18.9	62	5	060		29.61			29.80	FM-15	0.00	29.79		
21	2054	7	FEW:02 50	10.00		78	25.6	71	21.7	67	19.4	69	0	000		29.62			29.81	FM-15	0.00	29.80		
21	2154	7	BKN:07 75	10.00		75	23.9	70	21.1	68	20.0	79	0	000		29.64	3	-0.04	29.83	FM-15	0.00	29.82		
21	2254	7	SCT:04 65 BKN:07 95	10.00		77	25.0	72	22.2	69	20.6	77	0	000		29.65			29.84	FM-15	0.00	29.83		
21	2354	7	FEW:02 65 SCT:04 95	10.00		75	23.9	69	20.6	65	18.3	71	5	360		29.65			29.83	FM-15	0.00	29.83		
22	0054	7	BKN:07 70 OVC:08 90	10.00		76	24.4	68	20.0	64	17.8	67	8	360		29.64	8	0.00	29.83	FM-15	0.00	29.82		
22	0100	4	74	9.94		76	24.4	68	20.0	64	17.8	67	8	360		29.64			29.83	FM-12				
22	0154	7	FEW:02 70 BKN:07 95	10.00		73	22.8	67	19.4	63	17.2	71	7	360		29.63			29.82	FM-15	0.00	29.81		
22	0254	7	SCT:04 95	10.00		73	22.8	67	19.4	63	17.2	71	5	360		29.63			29.81	FM-15	0.00	29.81		
22	0354	7	FEW:02 95 FEW:02 150	10.00		72	22.2	66	18.9	62	16.7	71	8	350		29.64	5	0.00	29.82	FM-15	0.00	29.82		
22	0454	7	FEW:02 95 BKN:07 300	10.00		71	21.7	65	18.3	61	16.1	71	10	350		29.65			29.84	FM-15	0.00	29.83		
22	0554	7	BKN:07 300	10.00		72	22.2	65	18.3	61	16.1	68	8	360		29.66			29.84	FM-15	0.00	29.84		
22	0654	7	BKN:07 300	10.00		73	22.8	66	18.9	62	16.7	69	9	350		29.67	1	-0.03	29.86	FM-15	0.00	29.85		
22	0700	4		9.94		73	22.8	66	18.9	62	16.7	69	9	350		29.67	1	-0.03	29.86	FM-12				
22	0754	7	SCT:04 200 BKN:07 300	10.00		73	22.8	66	18.9	62	16.7	69	8	360		29.69			29.88	FM-15	0.00	29.87		
22	0854	7	SCT:04 200 BKN:07 300	10.00		76	24.4	67	19.4	62	16.7	62	13	010		29.69			29.88	FM-15	0.00	29.87		
22	0954	7	BKN:07 200	10.00		77	25.0	68	20.0	63	17.2	62	9	020		29.69	1	-0.02	29.88	FM-15	0.00	29.87		
22	1054	7	BKN:07 200	10.00		79	26.1	70	21.1	65	18.3	62	7	010		29.69			29.88	FM-15	0.00	29.87		
22	1154	7	FEW:02 60	10.00		80	26.7	71	21.7	66	18.9	62	6	030		29.70			29.88	FM-15	0.00	29.88		

			BKN:07 180																			
22	1254	7	FEW:02 40 BKN:07 180	10.00		83	28.3	72	22.2	66	18.9	57	8	350		29.69	0	0.00	29.88	FM-15	0.00	29.87
22	1300	4	41	9.94		83	28.3	72	22.2	66	18.9	57	8	350		29.69	9	0.00	29.88	FM-12		
22	1354	7	SCT:04 30 BKN:07 180	10.00		83	28.3	71	21.7	64	17.8	53	10	360		29.69			29.88	FM-15	0.00	29.87
22	1454	7	FEW:02 40 BKN:07 180	10.00		85	29.4	70	21.1	62	16.7	46	6	020		29.68			29.87	FM-15	0.00	29.86
22	1554	7	FEW:02 42 BKN:07 180	10.00		83	28.3	69	20.6	62	16.7	49	9	340		29.68	6	+0.01	29.87	FM-15	0.00	29.86
22	1654	6	FEW:02 43 BKN:07 170	10.00		81	27.2	68	20.0	61	16.1	51	6	030		29.67			29.86	FM-15	0.00	29.85
22	1754	6	FEW:02 41 BKN:07 300	10.00		80	26.7	70	21.1	64	17.8	58	6	050		29.67			29.86	FM-15	0.00	29.85
22	1854	6	SCT:04 160	10.00		78	25.6	70	21.1	65	18.3	64	3	050		29.69	3	-0.01	29.88	FM-15	0.00	29.87
22	1954	6	FEW:02 25 FEW:02 160	10.00		75	23.9	69	20.6	65	18.3	71	3	070		29.69			29.88	FM-15	0.00	29.87
22	2054	6	FEW:02 160	10.00		71	21.7	67	19.4	65	18.3	81	0	000		29.71			29.90	FM-15	0.00	29.89
22	2154	6	FEW:02 160	10.00		70	21.1	67	19.4	65	18.3	84	0	000		29.73	3	-0.04	29.91	FM-15	0.00	29.91
22	2254	6	FEW:02 150	10.00		68	20.0	66	18.9	64	17.8	87	0	000		29.74			29.93	FM-15	0.00	29.92
22	2354	6	FEW:02 150	10.00		68	20.0	66	18.9	64	17.8	87	0	000		29.74			29.93	FM-15	0.00	29.92
23	0054	6	FEW:02 150	10.00		68	20.0	66	18.9	64	17.8	87	0	000		29.74	1	-0.01	29.93	FM-15		29.92
23	0154	6	FEW:02 150	9.00		67	19.4	65	18.3	64	17.8	91	0	000		29.73			29.92	FM-15		29.91



**Local Climatological Data**  
**Hourly Precipitation**  
**July 2023**

Current Location: Elev: 166 ft. Lat: 37.5115° N Lon: -77.3234° W

Generated on 07/25/2023

Station: **RICHMOND INTERNATIONAL AIRPORT, VA US WBAN: 72401013740 (KRIC)**

Date	For Hour (LST) Ending at																						Date		
	1 AM	2 AM	3 AM	4 AM	5 AM	6 AM	7 AM	8 AM	9 AM	10 AM	11 AM	NOON	1 PM	2 PM	3 PM	4 PM	5 PM	6 PM	7 PM	8 PM	9 PM	10 PM		11 PM	MID
01																			0.09	0.11	0.01				01
02																									02
03		0.05																					T	T	03
04																								T	04
05	T																								05
06														T	0.01	T	T								06
07													0.40	0.33	T		T								07
08														0.01	T										08
09														T	0.12	0.04									09
10																									10
11																									11
12																									12
13																			T	T	0.02	T	0.09		13
14	0.06	T		T	0.03	0.01	0.02	T																0.01	14
15																	T	T							15
16			T								0.20	1.50	0.01						T	0.32					16
17																									17
18																									18
19						0.01		T	T	0.05	0.02		T	T											19
20																									20
21																									21
22																									22
23	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	23

**Maximum Short Duration Precipitation**

Time Period (Minutes)	5	10	15	20	30	45	60	80	100	120	150	180
Precipitation (inches)												
Ending Date Time (yyyy-mm-dd hh:mi)												

Hourly, daily, and monthly totals on the Daily Summary page and the Hourly Precipitation Table are shown as reported by the instrumentation at the site. However, NWS does not edit hourly values for its ASOS sites, but may edit the daily and monthly totals for selected sites which will be reflected on the Daily Summary page.

T = Trace  
 s = Suspect  
 \* = Erroneous  
 blank = No precipitation observed  
 M = Missing