

January 2005

Sun	Mon	Tue	Wed	Thu	Fri	Sat
						<i>1</i>
<i>2</i>	<i>3</i>	<i>4</i>	<i>5</i>	<i>6</i>	<i>7</i>	<i>8</i>
<i>9</i>	<i>10</i>	<i>11</i>	<i>12</i>	<i>13</i>	<i>14</i>	<i>15</i>
<i>16</i>	<i>17</i>	<i>18</i>	<i>19</i>	<i>20</i>	<i>21</i>	<i>22</i>
<i>23</i>	<i>24</i>	<i>25</i>	<i>26</i>	<i>27</i>	<i>28</i>	<i>29</i>
<i>30</i>	<i>31</i>					

February 2005

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1	2	3	4	5
6	7	8	9	10	11	12
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March 2005

Sun	Mon	Tue	Wed	Thu	Fri	Sat
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6	7	8	9	10	11	12
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April 2005

Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1	2
3	4	5	6	7	8	9
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May 2005

Sun	Mon	Tue	Wed	Thu	Fri	Sat
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<i>8</i>	<i>9</i>	<i>10</i>	<i>11</i>	<i>12</i>	<i>13</i>	<i>14</i>
<i>15</i>	<i>16</i>	<i>17</i>	<i>18</i>	<i>19</i>	<i>20</i>	<i>21</i>
<i>22</i>	<i>23</i>	<i>24</i>	<i>25</i>	<i>26</i>	<i>27</i>	<i>28</i>
<i>29</i>	<i>30</i>	<i>31</i>				

June 2005

Sun	Mon	Tue	Wed	Thu	Fri	Sat
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July 2005

Sun	Mon	Tue	Wed	Thu	Fri	Sat
					<i>1</i>	<i>2</i>
<i>3</i>	<i>4</i>	<i>5</i>	<i>6</i>	<i>7</i>	<i>8</i>	<i>9</i>
<i>10</i>	<i>11</i>	<i>12</i>	<i>13</i>	<i>14</i>	<i>15</i>	<i>16</i>
<i>17</i>	<i>18</i>	<i>19</i>	<i>20</i>	<i>21</i>	<i>22</i>	<i>23</i>
<i>24</i>	<i>25</i>	<i>26</i>	<i>27</i>	<i>28</i>	<i>29</i>	<i>30</i>
<i>31</i>						

August 2005

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	<i>1</i>	<i>2</i>	<i>3</i>	<i>4</i>	<i>5</i>	<i>6</i>
<i>7</i>	<i>8</i>	<i>9</i>	<i>10</i>	<i>11</i>	<i>12</i>	<i>13</i>
<i>14</i>	<i>15</i>	<i>16</i>	<i>17</i>	<i>18</i>	<i>19</i>	<i>20</i>
<i>21</i>	<i>22</i>	<i>23</i>	<i>24</i>	<i>25</i>	<i>26</i>	<i>27</i>
<i>28</i>	<i>29</i>	<i>30</i>	<i>31</i>			

September 2005

Sun	Mon	Tue	Wed	Thu	Fri	Sat
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25	26	27	28	29	30	

October 2005

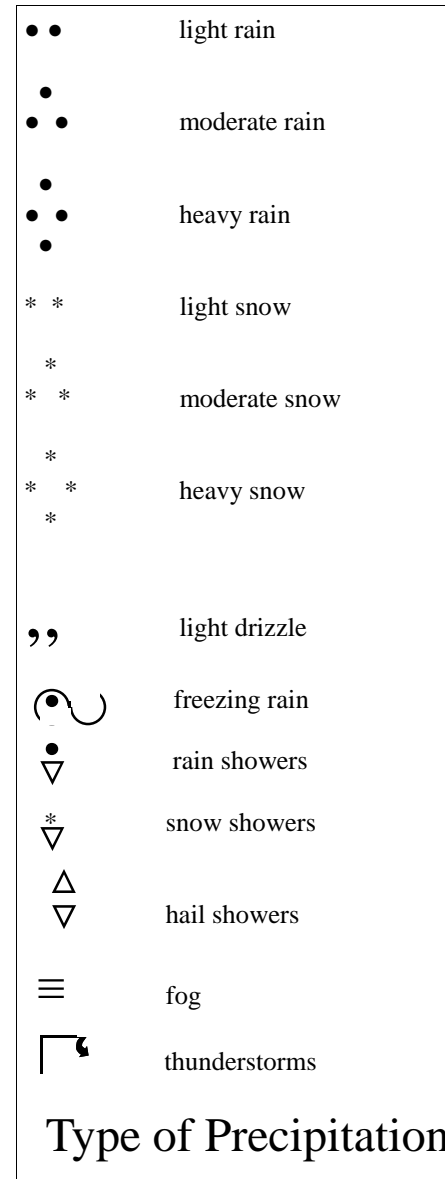
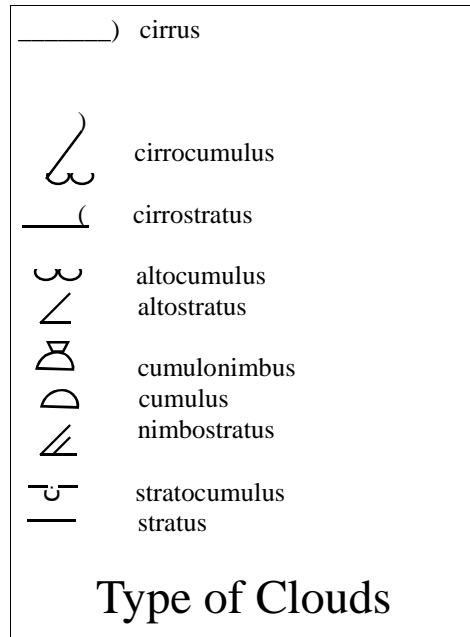
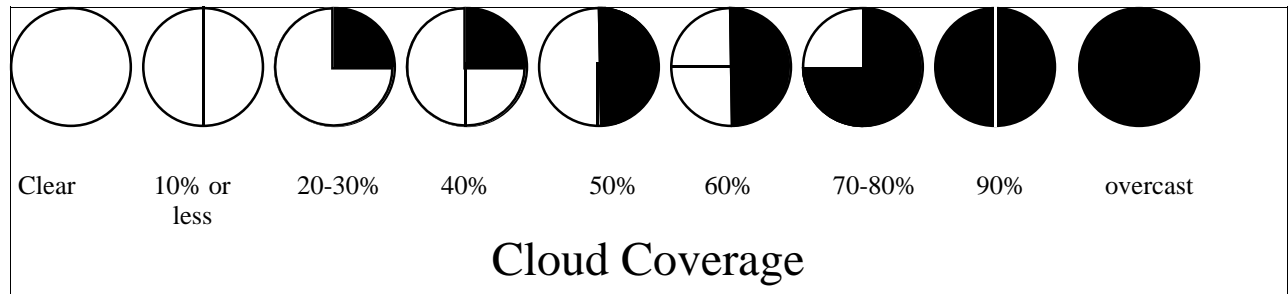
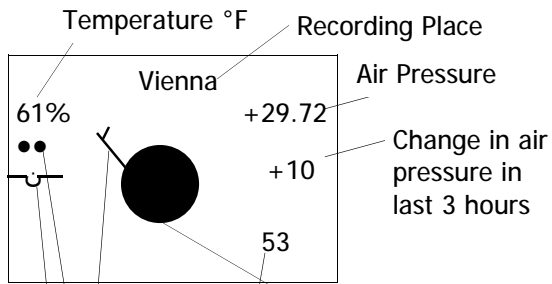
Sun	Mon	Tue	Wed	Thu	Fri	Sat
						<i>1</i>
<i>2</i>	<i>3</i>	<i>4</i>	<i>5</i>	<i>6</i>	<i>7</i>	<i>8</i>
<i>9</i>	<i>10</i>	<i>11</i>	<i>12</i>	<i>13</i>	<i>14</i>	<i>15</i>
<i>16</i>	<i>17</i>	<i>18</i>	<i>19</i>	<i>20</i>	<i>21</i>	<i>22</i>
<i>23</i>	<i>24</i>	<i>25</i>	<i>26</i>	<i>27</i>	<i>28</i>	<i>29</i>
<i>30</i>	<i>31</i>					

November 2005

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
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December 2005

Sun	Mon	Tue	Wed	Thu	Fri	Sat
				<i>1</i>	<i>2</i>	<i>3</i>
<i>4</i>	<i>5</i>	<i>6</i>	<i>7</i>	<i>8</i>	<i>9</i>	<i>10</i>
<i>11</i>	<i>12</i>	<i>13</i>	<i>14</i>	<i>15</i>	<i>16</i>	<i>17</i>
<i>18</i>	<i>19</i>	<i>20</i>	<i>21</i>	<i>22</i>	<i>23</i>	<i>24</i>
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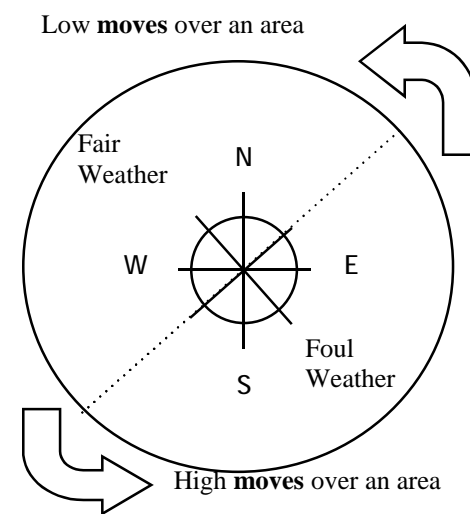
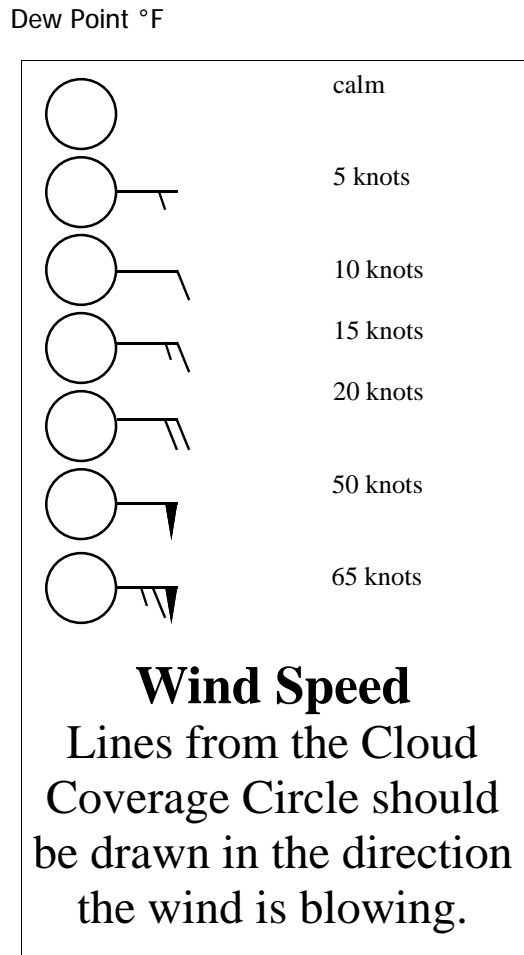


Air Pressure Measurements

In.	mbar
31.60	1070
31.30	1060
31.00	1050
30.71	1040
30.42	1030
30.12	1020
29.82	1010
29.53	1000
29.24	990
28.94	980
28.64	970
28.35	960
28.05	950
27.76	940

HP ↑
 SP →
 LP ↓

Wind speed and direction
 Cloud cover
 Type of precipitation
 Type of Clouds



Beaufort Scale

Beaufort number	Official name	Wind speed (mph)	signs
0	calm	Less than 1	Smoke rises straight up
1	Light air	1-3	Smoke drifts; weather vane is still
2	Light breeze	4-7	Leaves rustle; weather vane moves, wind is on face
3	Gentle breeze	8-12	Leaves and small twigs move; flag is full
4	Moderate breeze	13-18	Dust and debris blow about; small branches sway
5	Fresh breeze	19-24	Small trees sway; waves break on inland waters
6	Strong breeze	25-31	Large branches sway; umbrellas are hard to use
7	Moderate breeze	32-38	Whole trees sway; walking against wind becomes difficult
8	Fresh gale	39-46	Twigs break off trees; walking becomes very difficult
9	Strong gale	47-54	Branches break; shingles blow off houses
10	Whole gale	55-63	Trees are uprooted; buildings are damaged; rare inland
11	Storm	64-73	Damage is widespread; very rare away from ocean
12	Hurricane	74 and above	Violent destruction occurs

Weather Proverbs

Red sky in morning, Sailors take warning. Red sky at night, Sailors delight.

Mares' tails (cirrus clouds) and mackerel scales (altocumulus clouds) Make tall ships take in their sails.

A wind in the west has weather the best. A wind in the south has rain in her mouth.

Weather Forecasting Tips

High air pressure means fair weather. If the surface air is warm and moist during a high, clouds may develop as the day progresses producing showers in the late afternoon or evening.

Low air pressure means cloudy or stormy weather.

Winds in a high spiral outward from the center in a clockwise direction.

Winds in a low spiral inward toward the center in a counterclockwise direction.

A rising barometer is an indication of an approaching high. As an eastward-moving high passes overhead, winds start out in the fair-weather half of the compass and shift toward the foul-weather half.

As a low passes overhead, the barometer drops. Winds shift from the foul weather half of the compass to the fair weather half.

An approaching warm front is signaled by a certain cloud sequence, Cirrus and cirrostratus leading to altostratus, nimbostratus, and stratus. Barometer falls steadily as the front approaches, drops off sharply as the front goes by, and then rises again. The final reading is lower than the first reading.

A cold front is preceded by a march of heavy clouds, with altocumulus and stratocumulus giving way to rain bearing nimbostratus and cumulonimbus. Rain is likely to be a severe thundershower. Barometric changes similar to approaching warm front except the final reading is higher than the first.





Cloud Terminology

cumulus	"pile" – puffy or bulgy Made by vertical lifting of warm air
stratus	"layer" – flat, heavy blanket of low cloud Made by warm air traveling gradually upward at a slant by some obstruction, such as cold air or a range of mountains
cirrus	"wisp" – feathery appearance Thin clouds that float near the top of the troposphere composed of tiny crystals of ice. Nicknamed "mares' tails"
lenticular	Shaped like a lens Form generally over mountains
Alto-	Medium-height cloud
nimbus	Rain-making cloud – thick, massive cloud