

WICHTIG: Zur Einstellung des Barometers die Justierschraube vorsichtig nach rechts drehen, bis der korrekte Luftdruckwert angezeigt wird.

ACHTUNG: ZEIGERWERK NICHT ÜBERDREHEN!

IMPORTANT: When adjusting the barometer, turn carefully the adjusting screw to the right until the actual atmospheric pressure is indicated.

WARNING: DO NOT TURN THE BAROMETER MOVEMENT TOO FAR!



IMPORTANT: Pour bien régler le baromètre, tournez prudemment la vis de réglage vers la droite jusqu'à ce que l'aiguille du baromètre indique la pression atmosphérique souhaitée.

ATTENTION: EVITER DE SURFILER LE MECANISME DU BAROMETRE!

IMPORTANTE: Per regolare il barometro, girate la vite di regolazione con prudenza in senso orario, fino a quando l'indice del barometro arrivi a corrispondere al valore della pressione atmosferica desiderato.

ATTENZIONE: EVITATE DI GIRARE ECCESSIVAMENTE IL BAROMETRO!

GB

Important:

Adjust the barometer before use!

The barometer has to be adjusted first to your local altitude. Ask for the present atmospheric pressure of your home area (Local weather service, www, optician, calibrated instruments in public buildings, airport). Carefully turn the adjusting screw to the right using a small screwdriver until the pointer value coincides with the actual atmospheric pressure. Do not turn the barometer movement too far! Better precision can be achieved by lightly tapping the barometer glass after adjustment has been made.

Thermometer and hygrometer have been adjusted in the factory.

How the barometer works:

The barometer measures the atmospheric pressure in hekto-pascal (hPa), Millibar (mb) or inch (in).

The atmospheric pressure corresponds with the weight of the surrounding air masses and depends on the weather situation and the local altitude. The observation of the changes in atmospheric pressure allows you to weather forecast.

Increase	fine weather
rapid increase	short period of fine weather
Decrease	bad weather
rapid decrease	thunder and storm

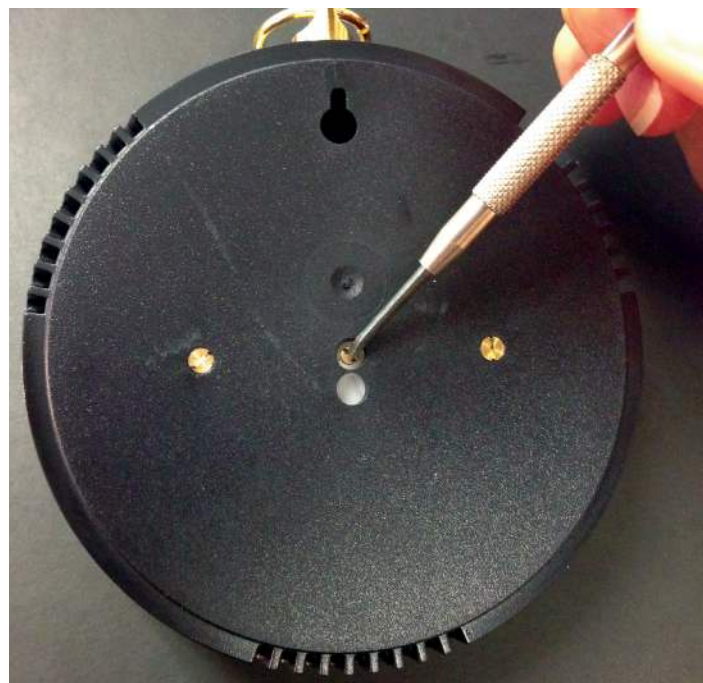
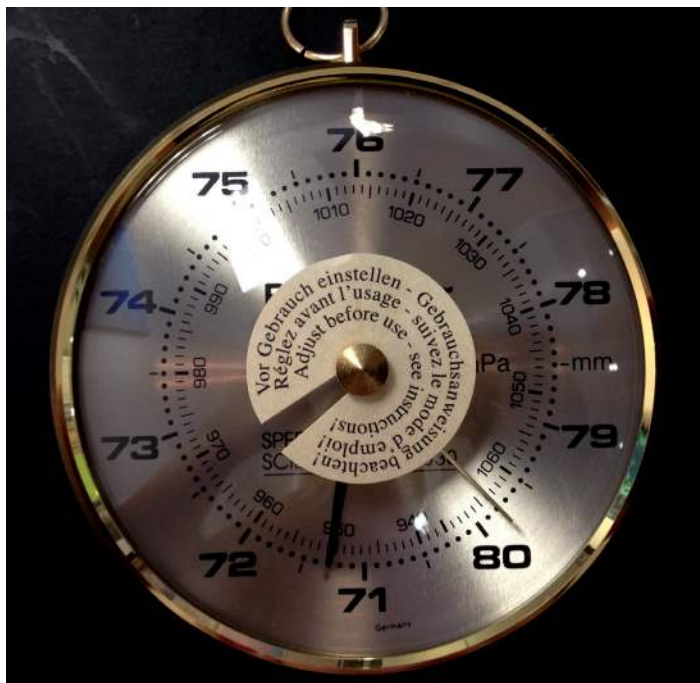
Thermometer and hygrometer

The thermometer measures the temperature in degree Centigrade or Fahrenheit. By controlling the indoor temperature you simply feel better and save heating costs, up to 6 % by one degree less temperature.

The hygrometer measures the relative humidity of air. Dry air around your house is bad for your health, but also plants, wooden floors and antique furniture will suffer, too. The right temperature and air humidity are different depending on the use of the room:

staircase	15 °C	40 - 60 %
bedroom	16 - 18 °C	50 - 70 %
kitchen	18 °C	50 - 70 %
living-room	20 °C	40 - 60 %
bathroom	23 °C	50 - 70 %

Used outside you get information about the weather situation.



Barometer General Information

From the Greek word meaning “measurer of weight or pressure.” The first barometer was invented by Torricelli in 1648 and indicated changes in atmospheric pressure by virtue of a fluctuation column of mercury. In 1847, Vidie developed the aneroid barometer which is still in use today. It is a closed box with a flexible bottom which registers even the slightest changes in atmospheric pressure. The top and the bottom of the box are held apart by a spring. Whenever atmospheric pressure increases, pressure is exerted on the box, and consequently the spring. The degree of pressure is transmitted to an indicator needle. Rises and falls in atmospheric pressure provide a reliable indication of approaching changes in the weather within the next 24 to 48 hours. The most used unit of measurement for atmospheric pressure today is the hekto-Pascal, abbreviate hPa, which can be compared to millibar (mb). One inch of mercury is approximately 33.86388 hecto pascals (hPa).

mbar (hPa) Barometric Conversion Table

920	mbar (hPa)	equals	13.34	psi	27.17	inHg	690.1	mmHg (torr)
921	mbar (hPa)	equals	13.36	psi	27.20	inHg	690.8	mmHg (torr)
922	mbar (hPa)	equals	13.37	psi	27.23	inHg	691.6	mmHg (torr)
923	mbar (hPa)	equals	13.39	psi	27.26	inHg	692.3	mmHg (torr)
924	mbar (hPa)	equals	13.40	psi	27.29	inHg	693.1	mmHg (torr)
925	mbar (hPa)	equals	13.42	psi	27.32	inHg	693.8	mmHg (torr)
926	mbar (hPa)	equals	13.43	psi	27.34	inHg	694.6	mmHg (torr)
927	mbar (hPa)	equals	13.44	psi	27.37	inHg	695.3	mmHg (torr)
928	mbar (hPa)	equals	13.46	psi	27.40	inHg	696.1	mmHg (torr)
929	mbar (hPa)	equals	13.47	psi	27.43	inHg	696.8	mmHg (torr)
930	mbar (hPa)	equals	13.49	psi	27.46	inHg	697.6	mmHg (torr)
931	mbar (hPa)	equals	13.50	psi	27.49	inHg	698.3	mmHg (torr)
932	mbar (hPa)	equals	13.52	psi	27.52	inHg	699.1	mmHg (torr)
933	mbar (hPa)	equals	13.53	psi	27.55	inHg	699.8	mmHg (torr)
934	mbar (hPa)	equals	13.55	psi	27.58	inHg	700.6	mmHg (torr)
935	mbar (hPa)	equals	13.56	psi	27.61	inHg	701.3	mmHg (torr)
936	mbar (hPa)	equals	13.58	psi	27.64	inHg	702.1	mmHg (torr)
937	mbar (hPa)	equals	13.59	psi	27.67	inHg	702.8	mmHg (torr)
938	mbar (hPa)	equals	13.60	psi	27.70	inHg	703.6	mmHg (torr)
939	mbar (hPa)	equals	13.62	psi	27.73	inHg	704.3	mmHg (torr)
940	mbar (hPa)	equals	13.63	psi	27.76	inHg	705.1	mmHg (torr)
941	mbar (hPa)	equals	13.65	psi	27.79	inHg	705.8	mmHg (torr)
942	mbar (hPa)	equals	13.66	psi	27.82	inHg	706.6	mmHg (torr)
943	mbar (hPa)	equals	13.68	psi	27.85	inHg	707.3	mmHg (torr)
944	mbar (hPa)	equals	13.69	psi	27.88	inHg	708.1	mmHg (torr)
945	mbar (hPa)	equals	13.71	psi	27.91	inHg	708.8	mmHg (torr)
946	mbar (hPa)	equals	13.72	psi	27.94	inHg	709.6	mmHg (torr)
947	mbar (hPa)	equals	13.74	psi	27.96	inHg	710.3	mmHg (torr)
948	mbar (hPa)	equals	13.75	psi	27.99	inHg	711.1	mmHg (torr)
949	mbar (hPa)	equals	13.76	psi	28.02	inHg	711.8	mmHg (torr)
950	mbar (hPa)	equals	13.78	psi	28.05	inHg	712.6	mmHg (torr)
951	mbar (hPa)	equals	13.79	psi	28.08	inHg	713.3	mmHg (torr)
952	mbar (hPa)	equals	13.81	psi	28.11	inHg	714.1	mmHg (torr)
953	mbar (hPa)	equals	13.82	psi	28.14	inHg	714.8	mmHg (torr)
954	mbar (hPa)	equals	13.84	psi	28.17	inHg	715.6	mmHg (torr)
955	mbar (hPa)	equals	13.85	psi	28.20	inHg	716.3	mmHg (torr)
956	mbar (hPa)	equals	13.87	psi	28.23	inHg	717.1	mmHg (torr)
957	mbar (hPa)	equals	13.88	psi	28.26	inHg	717.8	mmHg (torr)
958	mbar (hPa)	equals	13.89	psi	28.29	inHg	718.6	mmHg (torr)
959	mbar (hPa)	equals	13.91	psi	28.32	inHg	719.3	mmHg (torr)
960	mbar (hPa)	equals	13.92	psi	28.35	inHg	720.1	mmHg (torr)
961	mbar (hPa)	equals	13.94	psi	28.38	inHg	720.8	mmHg (torr)
962	mbar (hPa)	equals	13.95	psi	28.41	inHg	721.6	mmHg (torr)
963	mbar (hPa)	equals	13.97	psi	28.44	inHg	722.3	mmHg (torr)
964	mbar (hPa)	equals	13.98	psi	28.47	inHg	723.1	mmHg (torr)
965	mbar (hPa)	equals	14.00	psi	28.50	inHg	723.8	mmHg (torr)

966	mbar (hPa)	equals	14.01	psi	28.53	inHg	724.6	mmHg (torr)
967	mbar (hPa)	equals	14.03	psi	28.56	inHg	725.3	mmHg (torr)
968	mbar (hPa)	equals	14.04	psi	28.59	inHg	726.1	mmHg (torr)
969	mbar (hPa)	equals	14.05	psi	28.61	inHg	726.8	mmHg (torr)
970	mbar (hPa)	equals	14.07	psi	28.64	inHg	727.6	mmHg (torr)
971	mbar (hPa)	equals	14.08	psi	28.67	inHg	728.3	mmHg (torr)
972	mbar (hPa)	equals	14.10	psi	28.70	inHg	729.1	mmHg (torr)
973	mbar (hPa)	equals	14.11	psi	28.73	inHg	729.8	mmHg (torr)
974	mbar (hPa)	equals	14.13	psi	28.76	inHg	730.6	mmHg (torr)
975	mbar (hPa)	equals	14.14	psi	28.79	inHg	731.3	mmHg (torr)
976	mbar (hPa)	equals	14.16	psi	28.82	inHg	732.1	mmHg (torr)
977	mbar (hPa)	equals	14.17	psi	28.85	inHg	732.8	mmHg (torr)
978	mbar (hPa)	equals	14.18	psi	28.88	inHg	733.6	mmHg (torr)
979	mbar (hPa)	equals	14.20	psi	28.91	inHg	734.3	mmHg (torr)
980	mbar (hPa)	equals	14.21	psi	28.94	inHg	735.1	mmHg (torr)
981	mbar (hPa)	equals	14.23	psi	28.97	inHg	735.8	mmHg (torr)
982	mbar (hPa)	equals	14.24	psi	29.00	inHg	736.6	mmHg (torr)
983	mbar (hPa)	equals	14.26	psi	29.03	inHg	737.3	mmHg (torr)
984	mbar (hPa)	equals	14.27	psi	29.06	inHg	738.1	mmHg (torr)
985	mbar (hPa)	equals	14.29	psi	29.09	inHg	738.8	mmHg (torr)
986	mbar (hPa)	equals	14.30	psi	29.12	inHg	739.6	mmHg (torr)
987	mbar (hPa)	equals	14.32	psi	29.15	inHg	740.3	mmHg (torr)
988	mbar (hPa)	equals	14.33	psi	29.18	inHg	741.1	mmHg (torr)
989	mbar (hPa)	equals	14.34	psi	29.21	inHg	741.8	mmHg (torr)
990	mbar (hPa)	equals	14.36	psi	29.23	inHg	742.6	mmHg (torr)
991	mbar (hPa)	equals	14.37	psi	29.26	inHg	743.3	mmHg (torr)
992	mbar (hPa)	equals	14.39	psi	29.29	inHg	744.1	mmHg (torr)
993	mbar (hPa)	equals	14.40	psi	29.32	inHg	744.8	mmHg (torr)
994	mbar (hPa)	equals	14.42	psi	29.35	inHg	745.6	mmHg (torr)
995	mbar (hPa)	equals	14.43	psi	29.38	inHg	746.3	mmHg (torr)
996	mbar (hPa)	equals	14.45	psi	29.41	inHg	747.1	mmHg (torr)
997	mbar (hPa)	equals	14.46	psi	29.44	inHg	747.8	mmHg (torr)
998	mbar (hPa)	equals	14.47	psi	29.47	inHg	748.6	mmHg (torr)
999	mbar (hPa)	equals	14.49	psi	29.50	inHg	749.3	mmHg (torr)
1000	mbar (hPa)	equals	14.50	psi	29.53	inHg	750.1	mmHg (torr)
1001	mbar (hPa)	equals	14.52	psi	29.56	inHg	750.8	mmHg (torr)
1002	mbar (hPa)	equals	14.53	psi	29.59	inHg	751.6	mmHg (torr)
1003	mbar (hPa)	equals	14.55	psi	29.62	inHg	752.3	mmHg (torr)
1004	mbar (hPa)	equals	14.56	psi	29.65	inHg	753.1	mmHg (torr)
1005	mbar (hPa)	equals	14.58	psi	29.68	inHg	753.8	mmHg (torr)
1006	mbar (hPa)	equals	14.59	psi	29.71	inHg	754.6	mmHg (torr)
1007	mbar (hPa)	equals	14.61	psi	29.74	inHg	755.3	mmHg (torr)
1008	mbar (hPa)	equals	14.62	psi	29.77	inHg	756.1	mmHg (torr)
1009	mbar (hPa)	equals	14.63	psi	29.80	inHg	756.8	mmHg (torr)
1010	mbar (hPa)	equals	14.65	psi	29.83	inHg	757.6	mmHg (torr)
1011	mbar (hPa)	equals	14.66	psi	29.85	inHg	758.3	mmHg (torr)
1012	mbar (hPa)	equals	14.68	psi	29.88	inHg	759.1	mmHg (torr)
1013	mbar (hPa)	equals	14.69	psi	29.91	inHg	759.8	mmHg (torr)
1014	mbar (hPa)	equals	14.71	psi	29.94	inHg	760.6	mmHg (torr)
1015	mbar (hPa)	equals	14.72	psi	29.97	inHg	761.3	mmHg (torr)
1016	mbar (hPa)	equals	14.74	psi	30.00	inHg	762.1	mmHg (torr)
1017	mbar (hPa)	equals	14.75	psi	30.03	inHg	762.8	mmHg (torr)
1018	mbar (hPa)	equals	14.76	psi	30.06	inHg	763.6	mmHg (torr)
1019	mbar (hPa)	equals	14.78	psi	30.09	inHg	764.3	mmHg (torr)
1020	mbar (hPa)	equals	14.79	psi	30.12	inHg	765.1	mmHg (torr)
1021	mbar (hPa)	equals	14.81	psi	30.15	inHg	765.8	mmHg (torr)
1022	mbar (hPa)	equals	14.82	psi	30.18	inHg	766.6	mmHg (torr)
1023	mbar (hPa)	equals	14.84	psi	30.21	inHg	767.3	mmHg (torr)
1024	mbar (hPa)	equals	14.85	psi	30.24	inHg	768.1	mmHg (torr)
1025	mbar (hPa)	equals	14.87	psi	30.27	inHg	768.8	mmHg (torr)

1026	mbar (hPa)	equals	14.88	psi	30.30	inHg	769.6	mmHg (torr)
1027	mbar (hPa)	equals	14.90	psi	30.33	inHg	770.3	mmHg (torr)
1028	mbar (hPa)	equals	14.91	psi	30.36	inHg	771.1	mmHg (torr)
1029	mbar (hPa)	equals	14.92	psi	30.39	inHg	771.8	mmHg (torr)
1030	mbar (hPa)	equals	14.94	psi	30.42	inHg	772.6	mmHg (torr)
1031	mbar (hPa)	equals	14.95	psi	30.45	inHg	773.3	mmHg (torr)
1032	mbar (hPa)	equals	14.97	psi	30.47	inHg	774.1	mmHg (torr)
1033	mbar (hPa)	equals	14.98	psi	30.50	inHg	774.8	mmHg (torr)
1034	mbar (hPa)	equals	15.00	psi	30.53	inHg	775.6	mmHg (torr)
1035	mbar (hPa)	equals	15.01	psi	30.56	inHg	776.3	mmHg (torr)
1036	mbar (hPa)	equals	15.03	psi	30.59	inHg	777.1	mmHg (torr)
1037	mbar (hPa)	equals	15.04	psi	30.62	inHg	777.8	mmHg (torr)
1038	mbar (hPa)	equals	15.05	psi	30.65	inHg	778.6	mmHg (torr)
1039	mbar (hPa)	equals	15.07	psi	30.68	inHg	779.3	mmHg (torr)
1040	mbar (hPa)	equals	15.08	psi	30.71	inHg	780.1	mmHg (torr)
1041	mbar (hPa)	equals	15.10	psi	30.74	inHg	780.8	mmHg (torr)
1042	mbar (hPa)	equals	15.11	psi	30.77	inHg	781.6	mmHg (torr)
1043	mbar (hPa)	equals	15.13	psi	30.80	inHg	782.3	mmHg (torr)
1044	mbar (hPa)	equals	15.14	psi	30.83	inHg	783.1	mmHg (torr)
1045	mbar (hPa)	equals	15.16	psi	30.86	inHg	783.8	mmHg (torr)
1046	mbar (hPa)	equals	15.17	psi	30.89	inHg	784.6	mmHg (torr)
1047	mbar (hPa)	equals	15.19	psi	30.92	inHg	785.3	mmHg (torr)
1048	mbar (hPa)	equals	15.20	psi	30.95	inHg	786.1	mmHg (torr)
1049	mbar (hPa)	equals	15.21	psi	30.98	inHg	786.8	mmHg (torr)
1050	mbar (hPa)	equals	15.23	psi	31.01	inHg	787.6	mmHg (torr)
1051	mbar (hPa)	equals	15.24	psi	31.04	inHg	788.3	mmHg (torr)
1052	mbar (hPa)	equals	15.26	psi	31.07	inHg	789.1	mmHg (torr)
1053	mbar (hPa)	equals	15.27	psi	31.10	inHg	789.8	mmHg (torr)
1054	mbar (hPa)	equals	15.29	psi	31.12	inHg	790.6	mmHg (torr)
1055	mbar (hPa)	equals	15.30	psi	31.15	inHg	791.3	mmHg (torr)
1056	mbar (hPa)	equals	15.32	psi	31.18	inHg	792.1	mmHg (torr)
1057	mbar (hPa)	equals	15.33	psi	31.21	inHg	792.8	mmHg (torr)
1058	mbar (hPa)	equals	15.34	psi	31.24	inHg	793.6	mmHg (torr)
1059	mbar (hPa)	equals	15.36	psi	31.27	inHg	794.3	mmHg (torr)
1060	mbar (hPa)	equals	15.37	psi	31.30	inHg	795.1	mmHg (torr)
1061	mbar (hPa)	equals	15.39	psi	31.33	inHg	795.8	mmHg (torr)
1062	mbar (hPa)	equals	15.40	psi	31.36	inHg	796.6	mmHg (torr)
1063	mbar (hPa)	equals	15.42	psi	31.39	inHg	797.3	mmHg (torr)
1064	mbar (hPa)	equals	15.43	psi	31.42	inHg	798.1	mmHg (torr)
1065	mbar (hPa)	equals	15.45	psi	31.45	inHg	798.8	mmHg (torr)
1066	mbar (hPa)	equals	15.46	psi	31.48	inHg	799.6	mmHg (torr)
1067	mbar (hPa)	equals	15.48	psi	31.51	inHg	800.3	mmHg (torr)
1068	mbar (hPa)	equals	15.49	psi	31.54	inHg	801.1	mmHg (torr)
1069	mbar (hPa)	equals	15.50	psi	31.57	inHg	801.8	mmHg (torr)
1070	mbar (hPa)	equals	15.52	psi	31.60	inHg	802.6	mmHg (torr)