



IVAO

IVAO - XO

Training Documents

‘Pressure Conversion Table’

1) Conversion formulas



$$\text{Pressure}_{\text{hPa}} = 1013.25 * (\text{Pressure}_{\text{inHg}} / 29.92) = 33.865 * \text{Pressure}_{\text{inHg}}$$

$$\text{Pressure}_{\text{inHg}} = 29.92 * (\text{Pressure}_{\text{hPa}} / 1013.2) = 0.02953 * \text{Pressure}_{\text{hPa}}$$

2) Table

1013.25	29.92
980	28.94
990	29.23
995	29.38
996	29.41
997	29.44
998	29.47
999	29.50
1000	29.53
1001	29.56
1002	29.59
1003	29.62
1004	29.65
1005	29.68
1006	29.71
1007	29.74
1008	29.76
1009	29.79
1010	29.82
1011	29.85
1012	29.88
1013	29.91
1014	29.94
1015	29.97
1016	30.00
1017	30.03
1018	30.06
1019	30.09
1020	30.12
1021	30.15
1022	30.18
1023	30.21
1024	30.24
1025	30.27
1026	30.30
1027	30.33
1028	30.36
1029	30.39
1030	30.41
1040	30.71
1050	31.01

Inch of Mercury (inHg) hectoPascal (hPa)

1013.25	29.92
961.8	28.40
965.2	28.50
968.5	28.60
971.9	28.70
975.3	28.80
978.7	28.90
982.1	29.00
985.5	29.10
988.9	29.20
992.3	29.30
995.6	29.40
999.0	29.50
1002.4	29.60
1005.8	29.70
1009.2	29.80
1009.9	29.82
1010.5	29.84
1011.2	29.86
1011.9	29.88
1012.6	29.90
1013.3	29.92
1013.9	29.94
1014.6	29.96
1015.3	29.98
1016.0	30.00
1016.6	30.02
1017.3	30.04
1018.0	30.06
1018.7	30.08
1019.3	30.10
1022.7	30.20
1026.1	30.30
1029.5	30.40
1032.9	30.50
1036.3	30.60
1039.7	30.70
1043.1	30.80
1046.4	30.90
1049.8	31.00
1053.2	31.10

Inch of Mercury (inHg) hectoPascal (hPa)