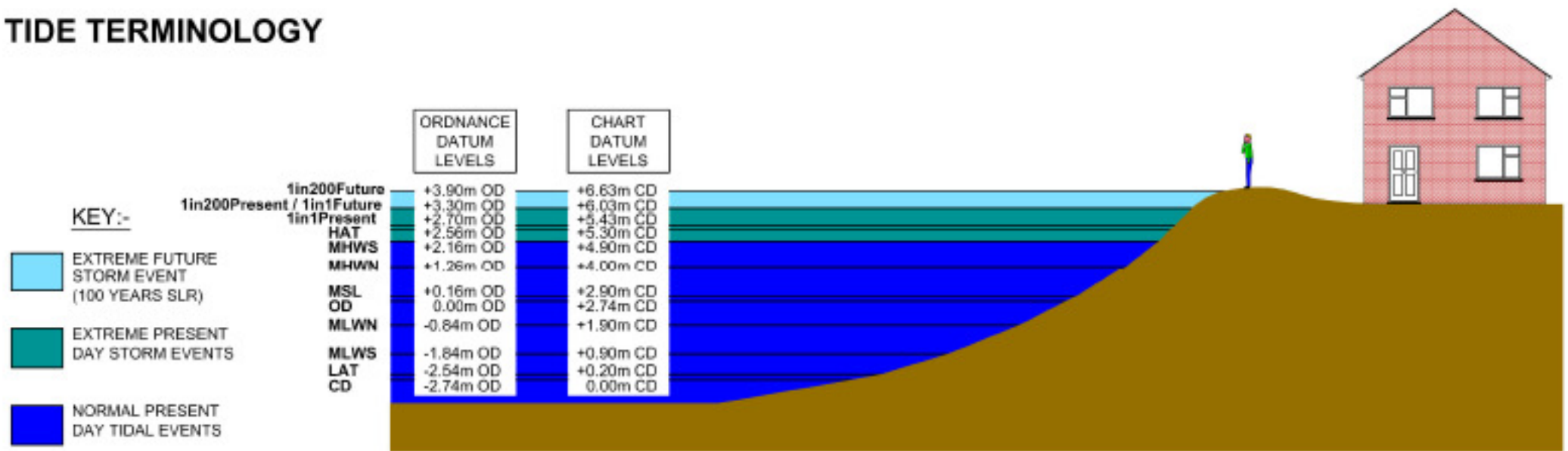


TIDE TERMINOLOGY



HIGHEST ASTRONOMICAL TIDE (HAT). The highest level which can be predicted to occur under average meteorological conditions. These levels will not be reached every year. This is not the extreme highest level which can be reached, as storm surges may cause considerably higher levels to occur.

MEAN HIGH WATER SPRINGS (MHWS). The average height throughout a year of the heights of two successive high waters during those periods of 24 hours - approximately once a fortnight - when the range of the tides is greatest.

MEAN HIGH WATER NEAPS (MHWN). The average height throughout a year of the heights of two successive high waters during those periods of 24 hours - approximately once a fortnight - when the range of the tides is least.

MEAN SEA LEVEL (MSL). The average level of sea surface over a long period, preferably 18.6 years or the average level which would exist in the absence of tides. It is similar to, but not always identical to, Ordnance Survey datum (OD), which corresponds to average MSL at Newlyn, Cornwall.

MEAN LOW WATER NEAPS (MLWN). The average height throughout a year of the heights of two successive low waters during those periods of 24 hours - approximately once a fortnight - when the range of the tides is least.

MEAN LOW WATER SPRINGS (MLWS). The average height throughout a year of the heights of two successive low waters during those periods of 24 hours - approximately once a fortnight - when the range of the tides is greatest.

LOWEST ASTRONOMICAL TIDE (LAT). The lowest level which can be predicted to occur under average meteorological conditions. This level will not be reached every year. This is not the extreme lowest level which can be reached, as storm surges may cause lower levels to occur. This is approximately the Hydrographic Office **Chart Datum (CD)** from which depths are measured.

NOTE:-

- TIDAL LEVEL INFORMATION IS CROWN COPYRIGHT DATA PROVIDED BY ADMIRALTY CHARTS AND PUBLICATIONS - NP 201-05, FOR CHICHESTER HARBOUR ENTRANCE.

- PRESENT AND FUTURE EXTREME WATER LEVELS, PROVIDED BY HALCROW - JOINT PROBABILITY WATER LEVELS AND WAVE HEIGHTS FOR VERNER COMMON MILL RYTHER.