

FloodScore™ Climate Database Fields

Field	Description	Range	Data Type
UPRN	A Unique Property Reference Number defined by the Ordnance Survey	Various	Text
Undef_F30max	Fluvial flood depth within buffer at feature location in metres, 30-year return period	0 - 15	Double
Undef_F75max	Fluvial flood depth within buffer at feature location in metres, 75-year return period	0 - 15	Double
Undef_F100max	Fluvial flood depth within buffer at feature location in metres, 100-year return period	0 - 15	Double
Undef_F250max	Fluvial flood depth within buffer at feature location in metres, 250-year return period	0 - 15	Double
Undef_F500max	Fluvial flood depth within buffer at feature location in metres, 500-year return period	0 - 15	Double
Undef_F1000max	Fluvial flood depth within buffer at feature location in metres, 1000-year return period	0 - 15	Double
Undef_P30max	Pluvial flood depth within buffer at feature location in metres, 30-year return period	0 - 15	Double
Undef_P75max	Pluvial flood depth within buffer at feature location in metres, 75-year return period	0 - 15	Double
Undef_P100max	Pluvial flood depth within buffer at feature location in metres, 100-year return period	0 - 15	Double
Undef_P250max	Pluvial flood depth within buffer at feature location in metres, 250-year return period	0 - 15	Double
Undef_P500max	Pluvial flood depth within buffer at feature location in metres, 500-year return period	0 - 15	Double
Undef_P1000max	Pluvial flood depth within buffer at feature location in metres, 1000-year return period	0 - 15	Double
Undef_T30max	Tidal flood depth within buffer at feature location in metres, 30-year return period	0 - 15	Double

Undef_T75max	Tidal flood depth within buffer at feature location in metres, 75-year return period	0 - 15	Double
Undef_T100max	Tidal flood depth within buffer at feature location in metres, 100-year return period	0 - 15	Double
Undef_T250max	Tidal flood depth within buffer at feature location in metres, 250-year return period	0 - 15	Double
Undef_T500max	Tidal flood depth within buffer at feature location in metres, 500-year return period	0 - 15	Double
Undef_T1000max	Tidal flood depth within buffer at feature location in metres, 1000-year return period	0 - 15	Double
Undef_f_aal	Average annual loss in pounds (£) from fluvial flooding	0 - 1500	Double
Undef_p_aal	Average annual loss in pounds (£) from pluvial flooding	0 - 1500	Double
Undef_t_aal	Average annual loss in pounds (£) from tidal flooding	0 - 1500	Double
Undef_c_aal	Average annual loss in pounds (£) from all sources of flooding	0 - 1500	Double
Undef_f_adr	Annual damage ratio relating to fluvial flooding	0 - 1	Double
Undef_p_adr	Annual damage ratio relating to pluvial flooding	0 - 1	Double
Undef_t_adr	Annual damage ratio relating to tidal flooding	0 - 1	Double
Undef_c_adr	Annual damage ratio relating to all sources of flooding	0 - 1	Double
Undef_f_rr	Fluvial FloodScore risk rating	0 - 100	Long
Undef_p_rr	Pluvial FloodScore risk rating	0 - 100	Long
Undef_t_rr	Tidal FloodScore risk rating	0 - 100	Long
Undef_c_rr	Combined FloodScore risk rating	0 - 100	Long
Undef_f_score	Fluvial FloodScore score	0 - 5	Long
Undef_p_score	Pluvial FloodScore score	0 - 5	Long
Undef_t_score	Tidal FloodScore score	0 - 5	Long
Undef_c_score	Combined FloodScore score	0 - 5	Long
Def_bin	Whether the property benefits from flood defences, recorded as their designed level of protection e.g. against 1 in 100-year flood events.	0 - 1000	Long

def_f30max	Fluvial flood depth within buffer at feature location in metres, 30-year return period	0 - 15	Double
def_f75max	Fluvial flood depth within buffer at feature location in metres, 75-year return period	0 - 15	Double
def_f100max	Fluvial flood depth within buffer at feature location in metres, 100-year return period	0 - 15	Double
def_f250max	Fluvial flood depth within buffer at feature location in metres, 250-year return period	0 - 15	Double
def_f500max	Fluvial flood depth within buffer at feature location in metres, 500-year return period	0 - 15	Double
def_f1000max	Fluvial flood depth within buffer at feature location in metres, 1000-year return period	0 - 15	Double
def_t30max	Tidal flood depth within buffer at feature location in metres, 30-year return period	0 - 15	Double
def_t75max	Tidal flood depth within buffer at feature location in metres, 75-year return period	0 - 15	Double
def_t100max	Tidal flood depth within buffer at feature location in metres, 100-year return period	0 - 15	Double
def_t250max	Tidal flood depth within buffer at feature location in metres, 250-year return period	0 - 15	Double
def_t500max	Tidal flood depth within buffer at feature location in metres, 500-year return period	0 - 15	Double
def_t1000max	Tidal flood depth within buffer at feature location in metres, 1000-year return period	0 - 15	Double
def_f_aal	Average annual loss in pounds (£) from fluvial flooding	0 - 1500	Double
def_t_aal	Average annual loss in pounds (£) from tidal flooding	0 - 1500	Double
def_c_aal	Average annual loss in pounds (£) from all sources of flooding	0 - 1500	Double
def_F_adr	Annual damage ratio relating to fluvial flooding with defences accounted for	0 - 1	Double

def_T_adr	Annual damage ratio relating to tidal flooding with defences accounted for	0 - 1	Double
def_C_adr	Annual damage ratio relating to all sources of flooding with defences accounted for	0 - 1	Double
def_F_RR	Defended Fluvial FloodScore risk rating	0 – 100	Long
def_T_RR	Defended Tidal FloodScore risk rating	0 – 100	Long
def_C_RR	Defended Combined FloodScore risk rating	0 – 100	Long
Def_F_score	Fluvial FloodScore score calculation includes flood defences	0 - 5	Long
Def_T_score	Tidal FloodScore score calculation includes flood defences	0 – 5	Long
Def_C_score	Combined FloodScore score calculation includes flood defences	0 – 5	Long
X_Coordinate	X coordinate in British National Grid Projection	Various	Double
Y_Coordinate	Y coordinate in British National Grid Projection	Various	Double
Zone_idx	A geographic identifier for the modelling catchment	1 - 25	Long

[List of available tables](#)

Table Name	Description	Date range
Ambiental_FloodScore_Climate_RCP8.5_2027_E86_Sample.csv	Table showing the changes in FloodScores in the 2027 time range when accounting for a high emissions scenario	2015 - 2039
Ambiental_FloodScore_Climate_RCP8.5_2055_E86_Sample.csv	Table showing the changes in FloodScores in the 2055 time range when accounting for a high emissions scenario	2040 – 2069
Ambiental_FloodScore_Climate_RCP8.5_2093_E86_Sample.csv	Table showing the changes in FloodScores in the 2093 time range when accounting for a high emissions scenario	2070 - 2115
Ambiental_FloodScore_Climate_RCP6.0_2027_E86_Sample.csv	Table showing the changes in FloodScores in the 2027 time range when accounting for a medium emissions scenario	2015 - 2039

Ambiental_FloodScore_Climate_RCP6.0_2055_E86_Sample.csv	Table showing the changes in FloodScores in the 2055 time range when accounting for a medium emissions scenario	2040 – 2069
Ambiental_FloodScore_Climate_RCP6.0_2093_E86_Sample.csv	Table showing the changes in FloodScores in the 2093 time range when accounting for a medium emissions scenario	2070 - 2115
Ambiental_FloodScore_Climate_RCP2.6_2027_E86_Sample.csv	Table showing the changes in FloodScores in the 2027 time range when accounting for a low emissions scenario	2015 - 2039
Ambiental_FloodScore_Climate_RCP2.6_2055_E86_Sample.csv	Table showing the changes in FloodScores in the 2055 time range when accounting for a low emissions scenario	2040 – 2069
Ambiental_FloodScore_Climate_RCP2.6_2093_E86_Sample.csv	Table showing the changes in FloodScores in the 2093 time range when accounting for a low emissions scenario	2070 - 2115
Ambiental_FloodScore_Climate_RCP4.5_2027_E86_Sample.csv	Table showing the changes in FloodScores in the 2027 time range when accounting for a low-moderate emissions scenario	2015 - 2039
Ambiental_FloodScore_Climate_RCP4.5_2055_E86_Sample.csv	Table showing the changes in FloodScores in the 2055 time range when accounting for a low-moderate emissions scenario	2040 – 2069
Ambiental_FloodScore_Climate_RCP4.5_2093_E86_Sample.csv	Table showing the changes in FloodScores in the 2093 time range when accounting for a low - moderate emissions scenario	2070 - 2115
Ambiental_FloodScore_Climate_PresentDay_E86_Sample.csv	Table showing the present day FloodScores	2020

A summary table is also provided showing the change in flood risk to the example portfolio across the different climate scenarios and time scales.