

Technical Appendix 9.2

Details of Cumulative Wind Energy Developments

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1 Modelled Cumulative Turbines – Turbine models, locations and hub heights

Wind Farm Name	Turbine ID	Turbine Model	Easting (m)	Northing (m)	Hub Height (m)
Bankend Rig	BANKEND_RIG_TURBINE1	Siemens_SWT_1_3_62_standard_blades	264702	633650	45.0
	BANKEND_RIG_TURBINE2	Siemens_SWT_1_3_62_standard_blades	264806	633917	45.0
	BANKEND_RIG_TURBINE3	Siemens_SWT_1_3_62_standard_blades	264980	633565	45.0
	BANKEND_RIG_TURBINE4	Siemens_SWT_1_3_62_standard_blades	265134	633837	45.0
	BANKEND_RIG_TURBINE5	Siemens_SWT_1_3_62_standard_blades	265184	633396	45.0
	BANKEND_RIG_TURBINE6	Siemens_SWT_1_3_62_standard_blades	265329	633662	45.0
	BANKEND_RIG_TURBINE7	Siemens_SWT_1_3_62_standard_blades	265400	633239	45.0
	BANKEND_RIG_TURBINE8	Siemens_SWT_1_3_62_standard_blades	265560	633508	45.0
	BANKEND_RIG_TURBINE9	Siemens_SWT_1_3_62_standard_blades	265631	633091	45.0
	BANKEND_RIG_TURBINE10	Siemens_SWT_1_3_62_standard_blades	265868	632958	45.0
	BANKEND_RIG_TURBINE11	Siemens_SWT_1_3_62_standard_blades	265901	633325	45.0
Bankend Rig II	BANKEND_RIG2_TURBINE1	GE_5_3_158_standard_blades	263712	633293	167.5
	BANKEND_RIG2_TURBINE2	GE_5_3_158_standard_blades	264110	634009	167.5
	BANKEND_RIG2_TURBINE3	GE_5_3_158_standard_blades	264228	633144	167.5
Bankend Rig III	BANKEND_RIG3_TURBINE1	Siemens_Gamesa_SG6_6_155	266663	632730	122.5
	BANKEND_RIG3_TURBINE2	Siemens_Gamesa_SG6_6_155	267146	632559	102.5
	BANKEND_RIG3_TURBINE3	Siemens_Gamesa_SG6_6_155	267376	633182	172.5
	BANKEND_RIG3_TURBINE4	Siemens_Gamesa_SG6_6_155	267787	632858	172.5
	BANKEND_RIG3_TURBINE5	Siemens_Gamesa_SG6_6_155	268085	633748	102.5
	BANKEND_RIG3_TURBINE6	Siemens_Gamesa_SG6_6_155	268466	632968	172.5
	BANKEND_RIG3_TURBINE7	Siemens_Gamesa_SG6_6_155	268557	633595	152.5
	BANKEND_RIG3_TURBINE8	Siemens_Gamesa_SG6_6_155	268965	632843	122.5
	BANKEND_RIG3_TURBINE9	Siemens_Gamesa_SG6_6_155	269085	633559	102.5
	BANKEND_RIG3_TURBINE10	Siemens_Gamesa_SG6_6_155	269577	633422	102.5
Cumberhead	CUMBERHEAD_TURBINE1	Siemens_SWT_3_6_130_standard_blades	274565	631923	85.0



Wind Farm Name	Turbine ID	Turbine Model	Easting (m)	Northing (m)	Hub Height (m)
	CUMBERHEAD_TURBINE2	Siemens_SWT_3_6_130_standard_blades	274776	632370	85.0
	CUMBERHEAD_TURBINE3	Siemens_SWT_3_6_130_standard_blades	275158	631862	85.0
	CUMBERHEAD_TURBINE4	Siemens_SWT_3_6_130_standard_blades	275175	632769	85.0
	CUMBERHEAD_TURBINE5	Siemens_SWT_3_6_130_standard_blades	275805	632626	115.0
	CUMBERHEAD_TURBINE6	Siemens_SWT_3_6_130_standard_blades	275859	632204	85.0
	CUMBERHEAD_TURBINE7	Siemens_SWT_3_6_130_standard_blades	276193	633804	85.0
	CUMBERHEAD_TURBINE8	Siemens_SWT_3_6_130_standard_blades	276367	632904	115.0
	CUMBERHEAD_TURBINE9	Siemens_SWT_3_6_130_standard_blades	276392	632270	85.0
	CUMBERHEAD_TURBINE10	Siemens_SWT_3_6_130_standard_blades	276731	632693	85.0
Cumberhead West	CUMBERHEAD_WEST_TURBINE1	Siemens_Gamesa_SG6_6_155	273762	633452	122.5
	CUMBERHEAD_WEST_TURBINE2	Siemens_Gamesa_SG6_6_155	273914	634053	122.5
	CUMBERHEAD_WEST_TURBINE3	Siemens_Gamesa_SG6_6_155	273971	633022	122.5
	CUMBERHEAD_WEST_TURBINE4	Siemens_Gamesa_SG6_6_155	273972	632452	122.5
	CUMBERHEAD_WEST_TURBINE5	Siemens_Gamesa_SG6_6_155	274485	632982	122.5
	CUMBERHEAD_WEST_TURBINE6	Siemens_Gamesa_SG6_6_155	274498	633585	122.5
	CUMBERHEAD_WEST_TURBINE7	Siemens_Gamesa_SG6_6_155	274504	634697	122.5
	CUMBERHEAD_WEST_TURBINE8	Siemens_Gamesa_SG6_6_155	274592	634184	122.5
	CUMBERHEAD_WEST_TURBINE9	Siemens_Gamesa_SG6_6_155	275075	633428	122.5
	CUMBERHEAD_WEST_TURBINE10	Siemens_Gamesa_SG6_6_155	275121	633990	122.5
	CUMBERHEAD_WEST_TURBINE11	Siemens_Gamesa_SG6_6_155	275175	634616	122.5
	CUMBERHEAD_WEST_TURBINE12	Siemens_Gamesa_SG6_6_155	275267	635234	122.5
	CUMBERHEAD_WEST_TURBINE13	Siemens_Gamesa_SG6_6_155	275615	635837	122.5
	CUMBERHEAD_WEST_TURBINE14	Siemens_Gamesa_SG6_6_155	275761	634263	122.5
	CUMBERHEAD_WEST_TURBINE15	Siemens_Gamesa_SG6_6_155	275843	634840	122.5
	CUMBERHEAD_WEST_TURBINE16	Siemens_Gamesa_SG6_6_155	275885	635450	122.5
	CUMBERHEAD_WEST_TURBINE17	Siemens_Gamesa_SG6_6_155	276192	636031	122.5
	CUMBERHEAD_WEST_TURBINE18	Siemens_Gamesa_SG6_6_155	276351	634760	122.5
	CUMBERHEAD_WEST_TURBINE19	Siemens_Gamesa_SG6_6_155	276400	635359	122.5



Wind Farm Name	Turbine ID	Turbine Model	Easting (m)	Northing (m)	Hub Height (m)
	CUMBERHEAD_WEST_TURBINE20	Siemens_Gamesa_SG6_6_155	276626	634295	122.5
	CUMBERHEAD_WEST_TURBINE21	Siemens_Gamesa_SG6_6_155	276762	633841	122.5
Dungavel	DUNGAVEL_TURBINE1	Vestas_V80_2MW_standard_blades	266944	636656	60.0
	DUNGAVEL_TURBINE2	Vestas_V80_2MW_standard_blades	267252	637402	60.0
	DUNGAVEL_TURBINE3	Vestas_V80_2MW_standard_blades	267295	636794	60.0
	DUNGAVEL_TURBINE4	Vestas_V80_2MW_standard_blades	267309	636454	60.0
	DUNGAVEL_TURBINE5	Vestas_V80_2MW_standard_blades	267540	637129	60.0
	DUNGAVEL_TURBINE6	Vestas_V80_2MW_standard_blades	267636	636639	80.0
	DUNGAVEL_TURBINE7	Vestas_V80_2MW_standard_blades	267874	636926	60.0
	DUNGAVEL_TURBINE8	Vestas_V80_2MW_standard_blades	268127	636655	60.0
	DUNGAVEL_TURBINE9	Vestas_V80_2MW_standard_blades	268342	635970	60.0
	DUNGAVEL_TURBINE10	Vestas_V80_2MW_standard_blades	268530	636335	80.0
	DUNGAVEL_TURBINE11	Vestas_V80_2MW_standard_blades	268711	635773	80.0
	DUNGAVEL_TURBINE12	Vestas_V80_2MW_standard_blades	268807	635305	80.0
	DUNGAVEL_TURBINE13	Vestas_V80_2MW_standard_blades	269189	635853	80.0
Hallsburn	HALLSBURN_TURBINE1	Vensys_126_3_8_MW_standard_blades	266308	636630	86.9
	HALLSBURN_TURBINE2	Vensys_126_3_8_MW_standard_blades	266338	636953	86.9
	HALLSBURN_TURBINE3	Vestas_V80_2MW_standard_blades	266542	636804	60.0
	HALLSBURN_TURBINE4	Vensys_126_3_8_MW_standard_blades	266705	636802	86.9
Hare Craig	HARE_CRAIG_TURBINE1	Vestas_V150_5_6MW_standard_blades	273084	630770	125.0
	HARE_CRAIG_TURBINE2	Vestas_V150_5_6MW_standard_blades	273506	630938	125.0
	HARE_CRAIG_TURBINE3	Vestas_V150_5_6MW_standard_blades	273880	630674	125.0
	HARE_CRAIG_TURBINE4	Vestas_V150_5_6MW_standard_blades	274330	630680	125.0
	HARE_CRAIG_TURBINE5	Vestas_V150_5_6MW_standard_blades	273440	631633	155.0
	HARE_CRAIG_TURBINE6	Vestas_V150_5_6MW_standard_blades	273779	631346	155.0
	HARE_CRAIG_TURBINE7	Vestas_V150_5_6MW_standard_blades	274165	631109	125.0
	HARE_CRAIG_TURBINE8	Vestas_V150_5_6MW_standard_blades	273555	632106	125.0



Wind Farm Name	Turbine ID	Turbine Model	Easting (m)	Northing (m)	Hub Height (m)
Kype Muir	KYPE_MUIR_TURBINE1	Senvion_104_3_4MW	270544	638992	80.0
	KYPE_MUIR_TURBINE2	Senvion_104_3_4MW	270694	639448	80.0
	KYPE_MUIR_TURBINE3	Senvion_104_3_4MW	270717	638122	80.0
	KYPE_MUIR_TURBINE4	Senvion_104_3_4MW	270816	638699	80.0
	KYPE_MUIR_TURBINE5	Senvion_104_3_4MW	271014	639180	80.0
	KYPE_MUIR_TURBINE6	Senvion_104_3_4MW	271087	638023	80.0
	KYPE_MUIR_TURBINE7	Senvion_104_3_4MW	271124	639878	80.0
	KYPE_MUIR_TURBINE8	Senvion_104_3_4MW	271136	638515	80.0
	KYPE_MUIR_TURBINE9	Senvion_104_3_4MW	271339	639001	80.0
	KYPE_MUIR_TURBINE10	Senvion_104_3_4MW	271407	637789	80.0
	KYPE_MUIR_TURBINE11	Senvion_104_3_4MW	271480	638380	80.0
	KYPE_MUIR_TURBINE12	Senvion_104_3_4MW	271506	639437	80.0
	KYPE_MUIR_TURBINE13	Senvion_104_3_4MW	271517	639855	80.0
	KYPE_MUIR_TURBINE14	Senvion_104_3_4MW	271752	638823	80.0
	KYPE_MUIR_TURBINE15	Senvion_104_3_4MW	271785	638177	80.0
	KYPE_MUIR_TURBINE16	Senvion_104_3_4MW	271843	639333	80.0
	KYPE_MUIR_TURBINE17	Senvion_104_3_4MW	271879	637789	80.0
	KYPE_MUIR_TURBINE18	Senvion_104_3_4MW	272012	639807	80.0
	KYPE_MUIR_TURBINE19	Senvion_104_3_4MW	272058	638645	80.0
	KYPE_MUIR_TURBINE20	Senvion_104_3_4MW	272182	639143	80.0
	KYPE_MUIR_TURBINE21	Senvion_104_3_4MW	272255	638354	80.0
	KYPE_MUIR_TURBINE22	Senvion_104_3_4MW	272317	639623	80.0
	KYPE_MUIR_TURBINE23	Senvion_104_3_4MW	272340	637882	80.0
	KYPE_MUIR_TURBINE24	Senvion_104_3_4MW	272605	638956	80.0
	KYPE_MUIR_TURBINE25	Senvion_104_3_4MW	272650	638312	80.0
	KYPE_MUIR_TURBINE26	Senvion_104_3_4MW	272652	639406	80.0
Kype Muir Extension	KYPE_MUIR_EXT_TURBINE1	Nordex_N117_3_6MW_standard_blades	268936	636755	101.0
	KYPE_MUIR_EXT_TURBINE2	Nordex_N117_3_6MW_standard_blades	269207	636479	101.0



Wind Farm Name	Turbine ID	Turbine Model	Easting (m)	Northing (m)	Hub Height (m)
	KYPE_MUIR_EXT_TURBINE3	Nordex_N117_3_6MW_standard_blades	269705	636170	101.0
	KYPE_MUIR_EXT_TURBINE4	Nordex_N133_4_8MW_standard_blades	269950	636614	121.0
	KYPE_MUIR_EXT_TURBINE5	Nordex_N133_4_8MW_standard_blades	270163	636308	121.0
	KYPE_MUIR_EXT_TURBINE6	Nordex_N133_4_8MW_standard_blades	270221	635859	121.0
	KYPE_MUIR_EXT_TURBINE7	Nordex_N133_4_8MW_standard_blades	270426	636819	145.0
	KYPE_MUIR_EXT_TURBINE8	Nordex_N117_3_6MW_standard_blades	270552	637674	101.0
	KYPE_MUIR_EXT_TURBINE9	Nordex_N133_4_8MW_standard_blades	270622	637282	145.0
	KYPE_MUIR_EXT_TURBINE10	Nordex_N133_4_8MW_standard_blades	270705	636500	145.0
	KYPE_MUIR_EXT_TURBINE11	Nordex_N133_4_8MW_standard_blades	270988	637006	165.0
	KYPE_MUIR_EXT_TURBINE12	Nordex_N133_4_8MW_standard_blades	271267	636729	165.0
	KYPE_MUIR_EXT_TURBINE13	Nordex_N133_4_8MW_standard_blades	271484	637307	145.0
	KYPE_MUIR_EXT_TURBINE14	Nordex_N133_4_8MW_standard_blades	271838	636936	165.0
	KYPE_MUIR_EXT_TURBINE15	Nordex_N133_4_8MW_standard_blades	272034	637408	165.0
Linburn Farm	LINBURN_FARM_TURBINE1	Proven_P35_15_kW	269347	629928	15.0
	LINBURN_FARM_TURBINE2	Proven_P35_15_kW	269390	629889	15.0
Mill Rig	MILL_RIG_TURBINE1	GE_5_3_158_standard_blades	261826	634712	167.5
	MILL_RIG_TURBINE2	GE_5_3_158_standard_blades	262379	634815	167.5
	MILL_RIG_TURBINE3	GE_5_3_158_standard_blades	262715	634287	167.5
	MILL_RIG_TURBINE4	GE_5_3_158_standard_blades	263278	634976	167.5
	MILL_RIG_TURBINE5	GE_5_3_158_standard_blades	263346	634417	167.5
	MILL_RIG_TURBINE6	GE_5_3_158_standard_blades	264022	634683	167.5
The Lodge	THELODGE_TURBINE1	Proven_P35_15_kW	267865	629807	15.0
	THELODGE_TURBINE2	Proven_P35_15_kW	267932	629764	15.0



2 Modelled Cumulative Turbines – Total A-weighted Sound Power Levels

Wind Farm Name	Number of Turbines	Turbine Model	Hub Height (m)	5 m/s	6 m/s	7 m/s	8 m/s	9 m/s	10 m/s	11 m/s	12 m/s
Bankend Rig	11	Siemens SWT 1 3 62 standard blades	45.0	104.0	104.0	104.5	105.0	105.6	107.5	107.5	107.5
Bankend Rig II	3	GE 5 3 158 standard blades	167.5	106.5	109.4	109.7	109.7	109.7	109.7	109.7	109.7
Bankend Rig III	4	Siemens Gamesa SG6 6 155	102.5	103.7	107.1	107.7	107.7	107.7	107.7	107.7	107.7
	2	Siemens Gamesa SG6 6 155	122.5	104.2	107.4	107.7	107.7	107.7	107.7	107.7	107.7
	1	Siemens Gamesa SG6 6 155	152.5	104.8	107.7	107.7	107.7	107.7	107.7	107.7	107.7
	3	Siemens Gamesa SG6 6 155	172.5	105.2	107.7	107.7	107.7	107.7	107.7	107.7	107.7
Cumberhead	8	Siemens SWT 3 6 130 standard blades	85.0	104.4	107.8	108.0	108.0	108.0	108.0	108.0	108.0
	2	Siemens SWT 3 6 130 standard blades	115.0	105.3	107.9	108.0	108.0	108.0	108.0	108.0	108.0
Cumberhead West	21	Siemens Gamesa SG6 6 155	122.5	104.2	107.4	107.7	107.7	107.7	107.7	107.7	107.7
Dungavel	8	Vestas V80 2MW standard blades	60.0	100.6	104.7	106.3	107.0	107.0	107.0	107.0	107.0
	5	Vestas V80 2MW standard blades	80.0	100.6	104.7	106.3	107.0	107.0	107.0	107.0	107.0
Hallsburn	1	Vestas V80 2MW standard blades	60.0	100.6	104.7	106.3	107.0	107.0	107.0	107.0	107.0
	3	Vensys 126 3 8 MW standard blades	86.9	99.3	105.0	106.8	106.8	106.8	106.8	106.8	106.8
Hare Craig	6	Vestas V150 5 6MW standard blades	125.0	105.8	109.1	109.6	109.7	109.7	109.7	109.7	109.7
	2	Vestas V150 5 6MW standard blades	155.0	106.3	109.4	109.7	109.7	109.7	109.7	109.7	109.7
Kype Muir	26	Senvion 104 3 4MW	80.0	100.4	104.1	105.4	105.5	105.5	105.5	105.5	105.5
Kype Muir Extension	4	Nordex N117 3 6MW standard blades	101.0	103.5	105.5	106.5	107.0	107.0	107.0	107.0	107.0
	3	Nordex N133 4 8MW standard blades	121.0	104.6	107.9	108.0	108.0	108.0	108.0	108.0	108.0
	4	Nordex N133 4 8MW standard blades	145.0	104.8	106.0	108.0	108.0	108.0	108.0	108.0	108.0
	4	Nordex N133 4 8MW standard blades	165.0	105.4	106.0	108.0	108.0	108.0	108.0	108.0	108.0
Linburn Farm	2	Proven P35 15 kW	15.0	86.4	89.1	91.8	94.4	97.1	99.8	103.4	104.3
Mill Rig	6	GE 5 3 158 standard blades	167.5	106.5	109.4	109.7	109.7	109.7	109.7	109.7	109.7
The Lodge	2	Proven P35 15 kW	15.0	86.4	89.1	91.8	94.4	97.1	99.8	103.4	104.3

Note: Spectral data used in modelling is available upon request.



3 Modelled Cumulative Turbines – Total A-weighted Sound Pressure Levels at NSRs

Total L_{A90} noise levels (including topography corrections) from all cumulative developments:

NSR name	5 m/s	6 m/s	7 m/s	8 m/s	9 m/s	10 m/s	11 m/s	12 m/s
Dungavel Immigration Removal Centre	37.9	42.3	43.9	44.2	44.2	44.3	44.3	44.3
Templeland	36.4	39.1	40.2	40.4	40.6	41.1	41.1	41.1
Laigh Plewland	38.6	40.4	41.1	41.5	41.7	42.6	42.6	42.6
Glengavel - FI	37.7	39.8	40.7	41.1	41.3	42.0	42.0	42.0
High Plewlands Farm	38.5	40.1	40.7	41.0	41.3	42.3	42.3	42.3
Logan Farm	37.5	40.7	41.1	41.1	41.1	41.1	41.1	41.1
Dippal Lodge	35.0	38.1	38.5	38.6	38.6	38.7	38.7	38.7

Contribution of each wind farm:

Bankend Rig

NSR name	5 m/s	6 m/s	7 m/s	8 m/s	9 m/s	10 m/s	11 m/s	12 m/s
Dungavel Immigration Removal Centre	27.4	28.7	29.1	29.4	29.7	30.9	30.9	30.9
Templeland	31.6	32.8	33.1	33.4	33.8	35.0	35.0	35.0
Laigh Plewland	35.0	36.0	36.4	36.7	37.1	38.4	38.4	38.4
Glengavel - FI	33.6	34.9	35.2	35.5	35.8	37.0	37.0	37.0
High Plewlands Farm	37.5	38.3	38.7	39.1	39.5	41.0	41.0	41.0
Logan Farm	19.6	21.8	22.1	22.3	22.4	23.0	23.0	23.0
Dippal Lodge	34.4	37.4	37.8	37.8	37.8	37.9	37.9	37.9



Bankend Rig II

NSR name	5 m/s	6 m/s	7 m/s	8 m/s	9 m/s	10 m/s	11 m/s	12 m/s
Dungavel Immigration Removal Centre	19.2	22.1	22.3	22.4	22.4	22.4	22.4	22.4
Templeland	24.4	27.3	27.5	27.6	27.6	27.6	27.6	27.6
Laigh Plewland	27.6	30.5	30.8	30.8	30.8	30.8	30.8	30.8
Glengavel - FI	23.8	26.7	26.9	27.0	27.0	27.0	27.0	27.0
High Plewlands Farm	27.5	30.4	30.7	30.7	30.7	30.7	30.7	30.7
Logan Farm	6.1	9.0	9.2	9.3	9.3	9.3	9.3	9.3
Dippal Lodge	13.7	16.6	16.9	16.9	16.9	16.9	16.9	16.9

Bankend Rig III

NSR name	5 m/s	6 m/s	7 m/s	8 m/s	9 m/s	10 m/s	11 m/s	12 m/s
Dungavel Immigration Removal Centre	20.4	23.4	23.7	23.7	23.7	23.7	23.7	23.7
Templeland	22.5	25.5	25.8	25.8	25.8	25.8	25.8	25.8
Laigh Plewland	24.5	27.5	27.7	27.7	27.7	27.7	27.7	27.7
Glengavel - FI	27.2	30.2	30.5	30.5	30.5	30.5	30.5	30.5
High Plewlands Farm	28.0	30.9	31.2	31.2	31.2	31.2	31.2	31.2
Logan Farm	17.3	20.4	20.8	20.8	20.8	20.8	20.8	20.8
Dippal Lodge	34.0	37.2	37.5	37.5	37.5	37.5	37.5	37.5

Cumberhead

NSR name	5 m/s	6 m/s	7 m/s	8 m/s	9 m/s	10 m/s	11 m/s	12 m/s
Dungavel Immigration Removal Centre	15.9	19.1	19.4	19.4	19.4	19.4	19.4	19.4
Templeland	15.8	19.0	19.3	19.3	19.3	19.3	19.3	19.3
Laigh Plewland	16.0	19.2	19.4	19.4	19.4	19.4	19.4	19.4
Glengavel - FI	17.3	20.5	20.7	20.7	20.7	20.7	20.7	20.7
High Plewlands Farm	16.7	19.9	20.2	20.2	20.2	20.2	20.2	20.2
Logan Farm	37.0	40.2	40.5	40.5	40.5	40.5	40.5	40.5
Dippal Lodge	23.5	26.7	27.0	27.0	27.0	27.0	27.0	27.0



Cumberhead West

NSR name	5 m/s	6 m/s	7 m/s	8 m/s	9 m/s	10 m/s	11 m/s	12 m/s
Dungavel Immigration Removal Centre	14.4	17.6	17.9	17.9	17.9	17.9	17.9	17.9
Templeland	14.2	17.4	17.7	17.7	17.7	17.7	17.7	17.7
Laigh Plewland	14.3	17.5	17.8	17.8	17.8	17.8	17.8	17.8
Glengavel - FI	15.7	18.9	19.2	19.2	19.2	19.2	19.2	19.2
High Plewlands Farm	15.1	18.3	18.6	18.6	18.6	18.6	18.6	18.6
Logan Farm	36.7	39.9	40.2	40.2	40.2	40.2	40.2	40.2
Dippal Lodge	21.9	25.1	25.4	25.4	25.4	25.4	25.4	25.4

Dungavel

NSR name	NSR name	5 m/s	6 m/s	7 m/s	8 m/s	9 m/s	10 m/s	11 m/s	12 m/s
Dungavel Immigration Removal Centre		30.1	34.2	35.8	36.5	36.5	36.5	36.5	36.5
Templeland		26.8	30.9	32.5	33.2	33.2	33.2	33.2	33.2
Laigh Plewland		25.2	29.3	30.9	31.6	31.6	31.6	31.6	31.6
Glengavel - FI		28.9	33.0	34.6	35.3	35.3	35.3	35.3	35.3
High Plewlands Farm		25.1	29.2	30.8	31.5	31.5	31.5	31.5	31.5
Logan Farm		14.9	19.0	20.6	21.3	21.3	21.3	21.3	21.3
Dippal Lodge		19.8	23.9	25.5	26.2	26.2	26.2	26.2	26.2

Hallsburn

NSR name	5 m/s	6 m/s	7 m/s	8 m/s	9 m/s	10 m/s	11 m/s	12 m/s
Dungavel Immigration Removal Centre	35.4	40.7	42.5	42.6	42.6	42.6	42.6	42.6
Templeland	28.4	33.8	35.5	35.7	35.7	35.7	35.7	35.7
Laigh Plewland	24.3	29.7	31.4	31.6	31.6	31.6	31.6	31.6
Glengavel - FI	26.3	31.6	33.3	33.5	33.5	33.5	33.5	33.5
High Plewlands Farm	22.1	27.4	29.2	29.3	29.3	29.3	29.3	29.3
Logan Farm	6.2	11.5	13.3	13.4	13.4	13.4	13.4	13.4
Dippal Lodge	10.8	16.1	17.9	18.0	18.0	18.0	18.0	18.0



Hare Craig

NSR name	5 m/s	6 m/s	7 m/s	8 m/s	9 m/s	10 m/s	11 m/s	12 m/s
Dungavel Immigration Removal Centre	10.3	13.6	14.0	14.1	14.1	14.1	14.1	14.1
Templeland	10.8	14.0	14.4	14.5	14.5	14.5	14.5	14.5
Laigh Plewland	11.3	14.6	15.0	15.1	15.1	15.1	15.1	15.1
Glengavel - FI	12.9	16.1	16.6	16.6	16.6	16.6	16.6	16.6
High Plewlands Farm	12.6	15.8	16.3	16.3	16.3	16.3	16.3	16.3
Logan Farm	23.2	26.5	26.9	27.0	27.0	27.0	27.0	27.0
Dippal Lodge	23.3	26.5	27.0	27.0	27.0	27.0	27.0	27.0

Kype Muir

NSR name	5 m/s	6 m/s	7 m/s	8 m/s	9 m/s	10 m/s	11 m/s	12 m/s
Dungavel Immigration Removal Centre	24.0	26.6	27.7	27.9	27.9	27.9	27.9	27.9
Templeland	22.6	25.1	26.3	26.4	26.4	26.4	26.4	26.4
Laigh Plewland	22.1	24.6	25.8	25.9	25.9	25.9	25.9	25.9
Glengavel - FI	24.6	27.0	28.1	28.3	28.3	28.3	28.3	28.3
High Plewlands Farm	22.7	25.1	26.3	26.4	26.4	26.4	26.4	26.4
Logan Farm	28.1	30.3	31.8	31.8	31.8	31.8	31.8	31.8
Dippal Lodge	24.2	26.7	27.8	27.9	27.9	27.9	27.9	27.9

Kype Muir Extension

NSR name	5 m/s	6 m/s	7 m/s	8 m/s	9 m/s	10 m/s	11 m/s	12 m/s
Dungavel Immigration Removal Centre	22.6	24.6	25.7	25.8	25.8	25.8	25.8	25.8
Templeland	21.3	23.3	24.4	24.5	24.5	24.5	24.5	24.5
Laigh Plewland	20.9	22.9	24.0	24.1	24.1	24.1	24.1	24.1
Glengavel - FI	23.5	25.6	26.6	26.8	26.8	26.8	26.8	26.8
High Plewlands Farm	21.6	23.6	24.7	24.8	24.8	24.8	24.8	24.8
Logan Farm	26.3	27.6	29.2	29.2	29.2	29.2	29.2	29.2
Dippal Lodge	23.3	25.3	26.4	26.5	26.5	26.5	26.5	26.5



Linburn Farm

NSR name	5 m/s	6 m/s	7 m/s	8 m/s	9 m/s	10 m/s	11 m/s	12 m/s
Dungavel Immigration Removal Centre	-14.3	-11.6	-8.9	-6.3	-3.6	-0.9	2.7	3.6
Templeland	-12.6	-9.9	-7.2	-4.6	-1.9	0.8	4.4	5.3
Laigh Plewland	-11.2	-8.5	-5.8	-3.2	-0.5	2.2	5.8	6.7
Glengavel - FI	-9.8	-7.1	-4.4	-1.8	0.9	3.6	7.2	8.1
High Plewlands Farm	-9.1	-6.4	-3.7	-1.1	1.6	4.3	7.9	8.8
Logan Farm	-12.2	-9.5	-6.8	-4.2	-1.5	1.2	4.8	5.7
Dippal Lodge	2.9	5.6	8.3	10.9	13.6	16.3	19.9	20.8

Mill Rig

NSR name	5 m/s	6 m/s	7 m/s	8 m/s	9 m/s	10 m/s	11 m/s	12 m/s
Dungavel Immigration Removal Centre	23.3	26.2	26.5	26.5	26.5	26.5	26.5	26.5
Templeland	28.3	31.2	31.5	31.5	31.5	31.5	31.5	31.5
Laigh Plewland	30.4	33.3	33.6	33.6	33.6	33.6	33.6	33.6
Glengavel - FI	25.3	28.2	28.4	28.5	28.5	28.5	28.5	28.5
High Plewlands Farm	27.9	30.8	31.1	31.1	31.1	31.1	31.1	31.1
Logan Farm	7.8	10.7	11.0	11.0	11.0	11.0	11.0	11.0
Dippal Lodge	14.1	17.0	17.3	17.3	17.3	17.3	17.3	17.3

The Lodge

NSR name	5 m/s	6 m/s	7 m/s	8 m/s	9 m/s	10 m/s	11 m/s	12 m/s
Dungavel Immigration Removal Centre	0.0	0.0	0.0	0.0	0.0	0.0	3.5	4.4
Templeland	0.0	0.0	0.0	0.0	0.0	2.1	5.7	6.6
Laigh Plewland	0.0	0.0	0.0	0.0	1.1	3.8	7.4	8.3
Glengavel - FI	0.0	0.0	0.0	0.0	2.1	4.8	8.4	9.3
High Plewlands Farm	0.0	0.0	0.0	0.6	3.3	6.0	9.6	10.5
Logan Farm	0.0	0.0	0.0	0.0	0.0	0.0	2.4	3.3
Dippal Lodge	0.0	0.0	0.0	7.4	10.1	12.8	16.4	17.3



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