

Castlepollard Quarry, Deerpark, Castlepollard, Co. Westmeath

Castlepollard Quarry

Environmental Impact Assessment Report

Appendix 14.1

Traffic Survey Data

February 2021



Part of the Breedon Group

Prepared by:

J Sheils Planning & Environmental Ltd

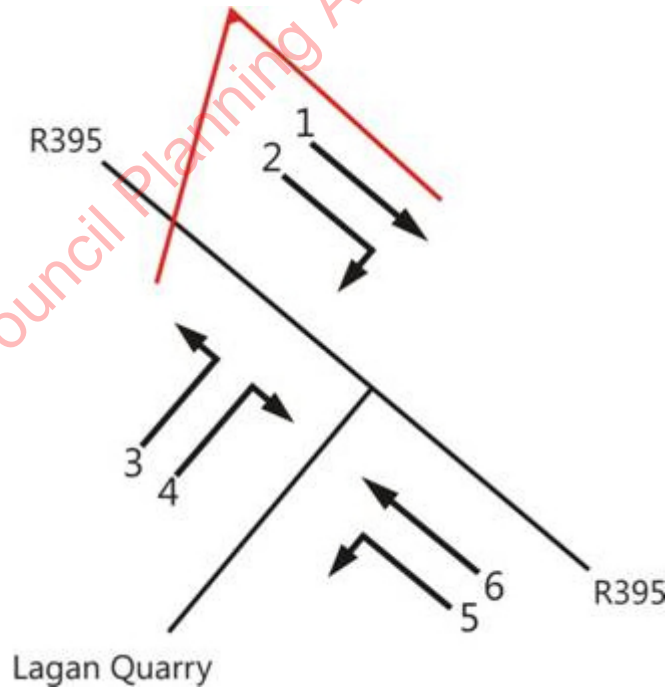
31 Athlumney Castle, Navan, Co. Meath



Westmeath County Council Planning Authority - Inspection Purposes Only!

Site Location



Movement Numbering



	Job number: TRA/21/036	Job Date: 15 th April 2021	Drawing No: TRA/21/036-01	
	Client: PMCE	Job Day: Thursday	Author: SPW	

TRAFFINOMICS LIMITED

**LAGAN CASTLEPOLLARD TRAFFIC COUNT
MANUAL CLASSIFIED JUNCTION TURNING COUNT**

**APRIL 2021
TRA/21/036**

SITE: 01

DATE: 15th April 2021

LOCATION: R395/Lagan Quarry Access

DAY: Thursday

TIME	MOVEMENT 1					TOT	PCU	MOVEMENT 2					TOT	PCU	MOVEMENT 3					TOT	PCU		
	CAR	LGV	OGV1	OGV2	BUS			CAR	LGV	OGV1	OGV2	BUS			CAR	LGV	OGV1	OGV2	BUS				
07:00	3	4	1	0	0	8	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15	0	4	1	0	1	6	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30	4	5	2	0	1	12	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45	12	5	0	1	1	19	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	19	18	4	1	3	45	51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00	9	3	2	1	1	16	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:15	12	5	0	1	0	18	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:30	10	7	0	2	1	20	24	0	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0
08:45	10	4	2	0	0	16	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	41	19	4	4	2	70	79	0	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0
09:00	15	1	0	0	1	17	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:15	14	3	2	0	0	19	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:30	8	0	1	0	0	9	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:45	8	2	1	1	0	12	14	0	2	0	0	0	2	2	0	1	0	0	0	1	1	1	1
H/TOT	45	6	4	1	1	57	61	0	2	0	0	0	2	2	0	1	0	0	0	1	1	1	
10:00	5	0	0	1	0	6	7	0	0	0	0	0	0	0	0	1	0	0	0	1	1	1	1
10:15	6	5	2	1	0	14	16	0	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0
10:30	2	4	2	0	0	8	9	0	0	1	0	0	1	2	0	0	0	0	0	0	0	0	0
10:45	3	5	0	1	0	9	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	16	14	4	3	0	37	43	0	1	1	0	0	2	3	0	1	0	0	0	1	1	1	
11:00	7	4	0	0	0	11	11	0	0	0	0	0	0	0	0	1	1	0	0	2	3	3	3
11:15	10	2	0	0	0	12	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:30	8	2	0	0	0	10	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:45	14	4	0	0	0	18	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	39	12	0	0	0	51	51	0	0	0	0	0	0	0	0	1	1	0	0	2	3	3	
12:00	14	3	0	0	0	17	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:15	10	2	0	1	0	13	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:30	7	1	0	1	0	9	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:45	7	1	0	2	0	10	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	38	7	0	4	0	49	54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TRAFFINOMICS LIMITED

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MANUAL CLASSIFIED JUNCTION TURNING COUNT

APRIL 2021
TRA/21/036

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DAY: Thursday

TIME	MOVEMENT 1					TOT	PCU	MOVEMENT 2					TOT	PCU	MOVEMENT 3					TOT	PCU		
	CAR	LGV	OGV1	OGV2	BUS			CAR	LGV	OGV1	OGV2	BUS			CAR	LGV	OGV1	OGV2	BUS				
13:00	8	4	0	0	2	14	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13:15	10	0	1	1	0	12	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13:30	20	7	0	0	0	27	27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13:45	18	0	1	0	0	19	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	56	11	2	1	2	72	76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14:00	8	1	1	0	0	10	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14:15	6	4	1	0	0	11	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14:30	22	3	0	2	0	27	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14:45	21	4	1	0	0	26	27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	57	12	3	2	0	74	78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:00	15	0	0	0	0	15	15	0	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0
15:15	19	0	1	0	0	20	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:30	11	2	0	2	0	15	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:45	22	1	1	0	1	25	27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	67	3	2	2	1	75	80	0	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0
16:00	23	6	1	2	1	33	37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:15	6	4	0	0	0	10	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:30	11	3	0	0	1	15	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:45	14	2	0	0	0	16	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	54	15	1	2	2	74	79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:00	14	2	0	0	0	16	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15	12	2	0	1	0	15	16	0	0	0	0	0	0	0	0	1	0	0	0	1	1	1	1
17:30	17	3	0	0	0	20	20	0	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0
17:45	20	5	1	0	0	26	27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	63	12	1	1	0	77	79	0	1	0	0	0	1	1	0	1	0	0	0	1	1	1	1
18:00	12	2	1	0	0	15	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:15	9	3	1	0	0	13	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:30	4	1	0	0	0	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:45	14	0	2	0	0	16	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	39	6	4	0	0	49	51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P/TOT	534	135	29	21	11	730	783	0	6	1	0	0	7	8	0	4	1	0	0	5	6	5	6

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DAY: Thursday

TIME	MOVEMENT 4					TOT	PCU	MOVEMENT 5					TOT	PCU	MOVEMENT 6					TOT	PCU	
	CAR	LGV	OGV1	OGV2	BUS			CAR	LGV	OGV1	OGV2	BUS			CAR	LGV	OGV1	OGV2	BUS			
07:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2	2
07:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	2	1	0	0	10	11
07:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	3	2	1	0	10	12	
07:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	2	0	1	1	17	19	
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24	9	3	2	1	39	44	
08:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	1	0	0	1	11	12	
08:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	3	0	0	0	12	12	
08:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	2	2	0	0	11	12	
08:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	2	0	0	0	17	17	
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	40	8	2	0	1	51	53	
09:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	4	0	1	0	18	19	
09:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19	2	1	1	1	24	27	
09:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	1	0	0	0	15	15	
09:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	3	0	1	1	15	17	
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	56	10	1	3	2	72	78	
10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	3	1	1	0	16	18	
10:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	5	0	0	0	8	8	
10:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	3	0	1	0	14	15	
10:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	4	0	1	0	12	13	
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	31	15	1	3	0	50	54	
11:00	0	1	0	0	0	1	1	0	0	0	0	0	0	0	6	2	0	1	0	9	10	
11:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	4	0	1	0	15	16	
11:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	3	1	0	0	13	14	
11:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	0	1	1	0	14	16	
H/TOT	0	1	0	0	0	1	1	0	0	0	0	0	0	0	37	9	2	3	0	51	56	
12:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	6	0	0	0	20	20	
12:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	3	0	1	0	11	12	
12:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	2	1	0	0	13	14	
12:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	0	0	0	0	13	13	
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	44	11	1	1	0	57	59	

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APRIL 2021
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SITE: 01

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LOCATION: R395/Lagan Quarry Access

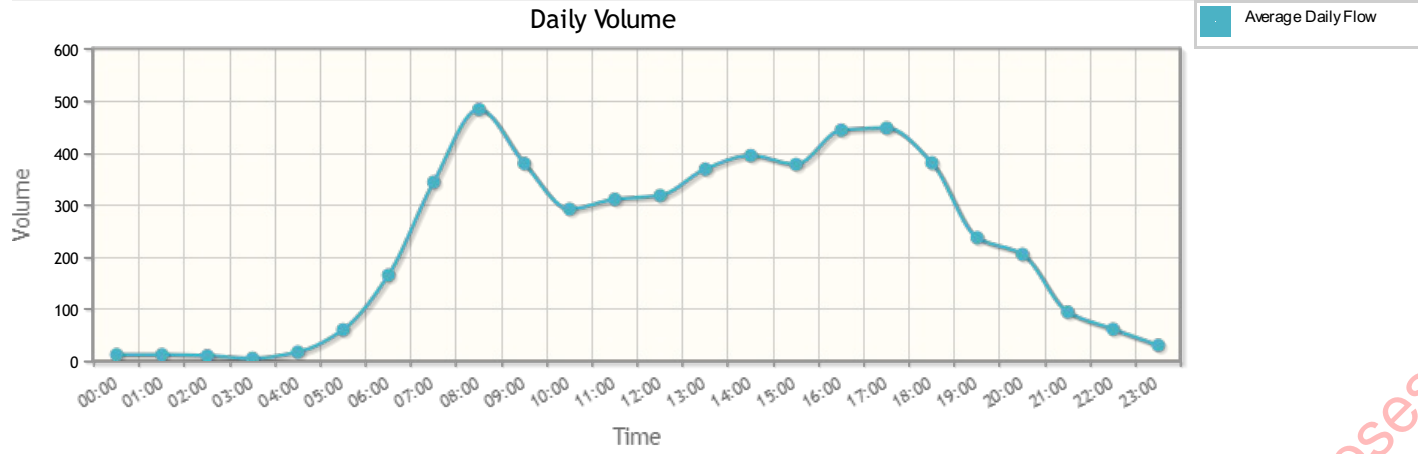
DAY: Thursday

TIME	MOVEMENT 4					TOT	PCU	MOVEMENT 5					TOT	PCU	MOVEMENT 6					TOT	PCU
	CAR	LGV	OGV1	OGV2	BUS			CAR	LGV	OGV1	OGV2	BUS			CAR	LGV	OGV1	OGV2	BUS		
13:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	1	1	0	0	8	9
13:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	3	0	0	0	12	12
13:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18	3	1	0	1	23	25
13:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	0	1	2	0	10	13
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	40	7	3	2	1	53	58
14:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	8	1	0	0	26	27
14:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	6	1	1	0	18	20
14:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	3	0	0	0	19	19
14:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	2	1	1	0	15	17
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	54	19	3	2	0	78	82
15:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24	3	1	0	0	28	29
15:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18	4	1	1	0	24	26
15:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19	2	0	0	0	21	21
15:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18	6	0	2	0	26	29
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	79	15	2	3	0	99	104
16:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	5	2	1	1	29	32
16:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	6	0	0	0	14	14
16:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21	8	1	0	1	31	33
16:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	4	0	0	2	20	22
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	63	23	3	1	4	94	101
17:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	7	0	0	0	15	15
17:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	6	1	3	0	26	30
17:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	4	1	2	0	23	26
17:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	6	1	0	0	16	17
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	49	23	3	5	0	80	88
18:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	4	0	0	0	10	10
18:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	2	0	0	0	17	17
18:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	7	0	0	0	18	18
18:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	3	0	0	0	14	14
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	43	16	0	0	0	59	59
P/TOT	0	1	0	0	0	1	1	0	0	0	0	0	0	0	560	165	24	25	9	783	837

June 2, 2021 17:25:07

Westmeath County Council Planning Authority - Inspection Purposes Only

Daily Volume Report NRA 00000020521 2021-04-15



Site Name: TMU N52 080.0 W Site ID: 00000020521 Grid: 259397261797 Description: N52 Between Delvin and Mullingar, Delvin, Co. Westmeath

All Lanes Time Period: 1 hour Class: Any Exclude data: None

Average Daily Flow

00:00	14
01:00	14
02:00	12
03:00	7
04:00	19
05:00	62
06:00	167
07:00	346
08:00	486
09:00	382
10:00	294
11:00	313
12:00	320
13:00	371
14:00	397
15:00	380
16:00	446
17:00	450
18:00	383
19:00	239
20:00	207
21:00	96
22:00	63
23:00	32
07-19	4568
06-22	5277
06-24	5372
00-24	5500

am Peak 08:00
 Peak Volume 486
 Peak Factor 0.844
 pm Peak 17:00
 Peak Volume 450
 Peak Factor 0.846

Event key: QC failure Atypical (QC) Events Special Holiday Offline
 Weekends and defined holidays

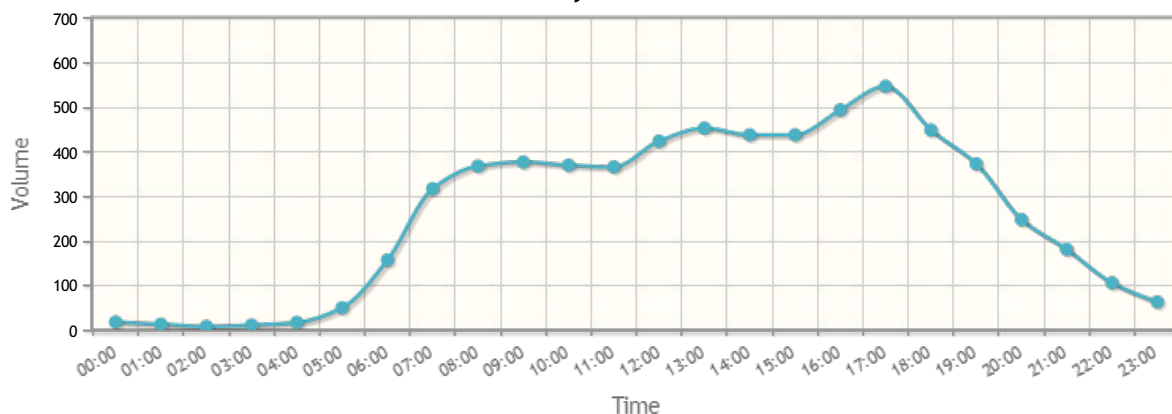
Notes on data:
 Averages are calculated as the simple average of values across the period.

Holidays & Events:
 None

Westmeath County Council Planning Authority - Inspection Purposes Only!

Daily Volume Report NRA 00000020521 2019-04-18

Daily Volume



Average Daily Flow

Site Name: TMU N52 080.0 W Site ID: 00000020521 Grid: 259397261797 Description: N52 Between Delvin and Mullingar, Delvin, Co. Westmeath

All Lanes Time Period: 1 hour Class: Any Exclude data: None

Average Daily Flow

00:00	20
01:00	15
02:00	10
03:00	13
04:00	19
05:00	52
06:00	159
07:00	319
08:00	370
09:00	379
10:00	372
11:00	368
12:00	426
13:00	455
14:00	440
15:00	440
16:00	496
17:00	549
18:00	451
19:00	375
20:00	250
21:00	183
22:00	108
23:00	65
07-19	5065
06-22	6032
06-24	6205
00-24	6334
am Peak	09:00
Peak Volume	379
Peak Factor	0.838
pm Peak	17:00
Peak Volume	549
Peak Factor	0.927

Event key: QC failure Atypical (QC) Events Special Holiday Offline
Weekends and defined holidays

Notes on data: Averages are calculated as the simple average of values across the period.

Holidays & Events: None

Westmeath County Council Planning Authority - Inspection Purposes Only!