

DETAIL TRAIN REPORT

5-25-13 03:43

QUARRY D928 05-25-13 02:25 CT 2 ENG 60 CARS 252 AXLES 5574 FT
 55 MPH SB MICRO SEQ: 1129 TRAIN ID: 2 ASMAR 25 AMBIENT TEMP: 54 SITE DIR: N
 NORTH MEAN TEMP: 30 F SOUTH MEAN TEMP: 31 F CAL:**** MM = *** F
 ALARMS: HB=N WA=N DE=N AUX=N INT=N WIND=N TEMP=N HW=N
 PROCESSOR TYPE = SENTRY SCANNER TYPE = 2058 TO-1 = 252 TO-2 = 252
 ABS= 190 DIFF= 117 CARSIDE SLOPE=2.30 CARSIDE LOWLIM= 120 WIND ALARM(MPH)= 50

ENG LENGTH AXLE				*** AXLE TEMPERATURE (DEG F) ***								ALARMS
				N	S	N	S	N	S	N	S	
1	74	B	1	3	4	3	4	4	8	3	4	
		W		****	****	****	****	****	****	****	****	
		B	5	4	7	4	7					
		W		****	****	****	****					
2	75	B	7	5	7	4	5	4	5	3	4	
		W		****	****	****	****	****	****	****	****	
		B	11	4	4	4	5					
		W		****	****	****	****					

CAR LENGTH AXLE				*** AXLE TEMPERATURE (DEG F) ***								ALARMS
				N	S	N	S	N	S	N	S	
1	70	B	13	40	35	44	42	32	36	36	37	
		W		****	****	****	****	****	****	****	****	
2	94	B	17	31	28	32	29	21	24	34	42	
		W		****	****	****	****	****	****	****	****	
3	95	B	21	8	9	37	40	28	25	43	38	
		W		****	****	****	****	****	****	****	****	
4	95	B	25	34	28	34	27	30	25	42	43	
		W		****	****	****	****	****	****	****	****	
5	95	B	29	30	35	37	38	25	30	36	37	
		W		****	****	****	****	****	****	****	****	
6	95	B	33	20	18	32	29	32	23	27	37	
		W		****	****	****	****	****	****	****	****	
7	95	B	37	38	40	27	34	35	34	35	34	
		W		****	****	****	****	****	****	****	****	
8	95	B	41	24	25	30	34	28	24	32	24	

		W		****	****	****	****	****	****	****	****
9	95	B	45	37	34	35	38	23	30	31	30
		W		****	****	****	****	****	****	****	****
10	95	B	49	34	30	25	36	16	24	18	32
		W		****	****	****	****	****	****	****	****
11	95	B	53	35	34	40	32	21	16	21	28
		W		****	****	****	****	****	****	****	****
12	93	B	57	24	35	28	44	22	40	40	38
		W		****	****	****	****	****	****	****	****
13	91	B	61	16	23	27	30	16	18	36	30
		W		****	****	****	****	****	****	****	****
14	91	B	65	20	14	25	31	20	27	31	28
		W		****	****	****	****	****	****	****	****
15	91	B	69	25	38	37	35	29	24	30	30
		W		****	****	****	****	****	****	****	****
16	91	B	73	16	24	36	16	24	25	23	34
		W		****	****	****	****	****	****	****	****
17	91	B	77	8	8	36	43	24	38	34	38
		W		****	****	****	****	****	****	****	****
18	92	B	81	30	43	10	22	30	38	38	47
		W		****	****	****	****	****	****	****	****
19	92	B	85	12	24	31	38	30	25	35	30
		W		****	****	****	****	****	****	****	****
20	92	B	89	30	16	24	27	23	31	31	30
		W		****	****	****	****	****	****	****	****
21	90	B	93	24	24	27	23	29	38	41	42
		W		****	****	****	****	****	****	****	****
22	69	B	97	31	31	15	20	28	25	32	36
		W		****	****	****	****	****	****	****	****
23	68	B	101	32	35	38	30	27	24	43	34
		W		****	****	****	****	****	****	****	****
24	70	B	105	38	31	40	43	28	31	36	35
		W		****	****	****	****	****	****	****	****
25	90	B	109	34	35	38	36	28	24	27	24
		W		****	****	****	****	****	****	****	****
26	91	B	113	29	29	38	37	17	31	35	38
		W		****	****	****	****	****	****	****	****
27	90	B	117	24	25	34	34	29	27	28	34
		W		****	****	****	****	****	****	****	****
28	71	B	121	29	34	43	43	34	30	38	47

		W	****	****	****	****	****	****	****	****
29	89	B 125	30	30	45	35	27	25	29	40
		W	****	****	****	****	****	****	****	****
30	89	B 129	25	24	25	31	21	27	31	30
		W	****	****	****	****	****	****	****	****
31	69	B 133	23	25	41	34	25	24	41	34
		W	****	****	****	****	****	****	****	****
32	67	B 137	38	38	34	38	30	31	38	42
		W	****	****	****	****	****	****	****	****
33	67	B 141	32	38	29	35	32	37	47	38
		W	****	****	****	****	****	****	****	****
34	67	B 145	34	36	45	34	34	32	32	36
		W	****	****	****	****	****	****	****	****
35	68	B 149	31	32	34	34	23	22	32	31
		W	****	****	****	****	****	****	****	****
36	70	B 153	34	24	42	41	28	27	40	50
		W	****	****	****	****	****	****	****	****
37	93	B 157	35	36	23	28	30	31	48	34
		W	****	****	****	****	****	****	****	****
38	98	B 161	25	31	41	40	22	24	38	35
		W	****	****	****	****	****	****	****	****
39	97	B 165	31	44	36	24	32	24	27	29
		W	****	****	****	****	****	****	****	****
40	101	B 169	32	34	35	24	28	41	40	47
		W	****	****	****	****	****	****	****	****
41	103	B 173	27	30	31	36	28	34	42	40
		W	****	****	****	****	****	****	****	****
42	102	B 177	24	30	28	42	42	41	35	27
		W	****	****	****	****	****	****	****	****
43	98	B 181	32	34	42	40	27	24	34	29
		W	****	****	****	****	****	****	****	****
44	98	B 185	29	23	32	38	34	34	41	37
		W	****	****	****	****	****	****	****	****
45	96	B 189	32	24	25	27	30	28	37	40
		W	****	****	****	****	****	****	****	****
46	95	B 193	30	28	35	32	30	29	34	32
		W	****	****	****	****	****	****	****	****
47	95	B 197	34	32	30	36	29	24	25	36
		W	****	****	****	****	****	****	****	****
48	97	B 201	31	35	31	31	30	23	30	37

		W	****	****	****	****	****	****	****	****
49	95	B 205	34	35	36	31	32	34	29	30
		W	****	****	****	****	****	****	****	****
50	97	B 209	29	32	38	29	25	23	34	35
		W	****	****	****	****	****	****	****	****
51	96	B 213	37	36	38	34	34	34	32	15
		W	****	****	****	****	****	****	****	****
52	95	B 217	34	37	22	32	34	38	40	38
		W	****	****	****	****	****	****	****	****
53	101	B 221	25	24	37	41	16	16	24	32
		W	****	****	****	****	****	****	****	****
54	100	B 225	32	25	34	30	34	36	28	37
		W	****	****	****	****	****	****	****	****
55	99	B 229	34	28	32	41	27	29	30	29
		W	****	****	****	****	****	****	****	****
56	96	B 233	28	28	38	38	45	49	32	41
		W	****	****	****	****	****	****	****	****
57	98	B 237	34	34	34	35	29	25	35	35
		W	****	****	****	****	****	****	****	****
58	95	B 241	31	29	42	34	35	28	31	45
		W	****	****	****	****	****	****	****	****
59	95	B 245	25	23	43	35	24	23	35	27
		W	****	****	****	****	****	****	****	****
60	84	B 249	30	21	36	36	25	31	40	38
		W	****	****	****	****	****	****	****	****

STANDARD DEVIATION OF NORTH SIDE TEMPS: 9

AXLE NUMBER: 160 HAS THE HIGHEST NORTH SIDE TEMPERATURE OF 48

IT IS 2.02 STANDARD DEVIATIONS FROM THE MEAN

NORTH MEAN TEMPERATURE = 30

STANDARD DEVIATION OF SOUTH SIDE TEMPS: 9

AXLE NUMBER: 156 HAS THE HIGHEST SOUTH SIDE TEMPERATURE OF 50

IT IS 2.18 STANDARD DEVIATIONS FROM THE MEAN

SOUTH MEAN TEMPERATURE = 31

COMMENTS

WHEEL GATE ON COUNT = 252

WHEEL GATE OFF COUNT = 252

INTEGRITY FAILURES/WARNINGS

ADVANCED WARNING FAILURE

TRAIN STOP REMARKS

DETAIL TRAIN REPORT

5-25-13 03:43

GAIL - 1 D917-1 05-25-13 02:11 CT 2 ENG 59 CARS 252 AXLES 5624 FT
 55 MPH SB MICRO SEQ: 8019 TRAIN ID: 2 ASMAR 25 AMBIENT TEMP: 50 SITE DIR: N
 NORTH MEAN TEMP: 39 F SOUTH MEAN TEMP: 37 F CAL:12.0 MM = 70 C
 ALARMS: HB=N WA=N DE=N AUX=N INT=N WIND=N TEMP=N HW=N
 PROCESSOR TYPE = HARMON SCANNER TYPE = WCO33 GATE-A = 252 GATE-B = 253
 ABS=18.0 DIFF=11.0 CARSIDE SLOPE=2.36 CARSIDE LOWLIM=15.0 WIND ALARM(MPH) = 50

ENG	LENGTH	AXLE	*** AXLE TEMPERATURE (DEG F) ***								ALARMS
			N	S	N	S	N	S	N	S	
1	74	B 1	0	0	0	0	0	10	0	0	
		W	****	****	****	****	****	****	****	****	
		B 5	0	0	2	0					
		W	****	****	****	****					
2	75	B 7	2	2	10	6	0	4	6	2	
		W	****	****	****	****	****	****	****	****	
		B 11	4	2	6	4					
		W	****	****	****	****					

CAR	LENGTH	AXLE	*** AXLE TEMPERATURE (DEG F) ***								ALARMS
			N	S	N	S	N	S	N	S	
1	70	B 13	53	42	63	53	48	40	55	48	
		W	****	****	****	****	****	****	****	****	
2	94	B 17	40	27	42	29	25	29	44	57	
		W	****	****	****	****	****	****	****	****	
3	96	B 21	6	6	48	42	40	32	61	50	
		W	****	****	****	****	****	****	****	****	
4	96	B 25	34	27	40	32	38	36	59	59	
		W	****	****	****	****	****	****	****	****	
5	96	B 29	40	32	55	40	36	40	53	48	
		W	****	****	****	****	****	****	****	****	
6	96	B 33	21	13	48	29	34	34	29	50	
		W	****	****	****	****	****	****	****	****	
7	96	B 37	48	42	32	38	46	44	46	44	
		W	****	****	****	****	****	****	****	****	
8	96	B 41	32	25	42	32	40	36	42	32	

		W		****	****	****	****	****	****	****	****
9	96	B	45	59	40	53	44	15	42	36	40
		W		****	****	****	****	****	****	****	****
10	96	B	49	46	36	34	42	21	29	25	44
		W		****	****	****	****	****	****	****	****
11	96	B	53	46	38	53	44	29	23	27	32
		W		****	****	****	****	****	****	****	****
12	94	B	57	38	36	44	55	19	46	46	59
		W		****	****	****	****	****	****	****	****
13	91	B	61	17	21	32	40	19	19	50	40
		W		****	****	****	****	****	****	****	****
14	91	B	65	25	4	34	34	29	23	38	29
		W		****	****	****	****	****	****	****	****
15	92	B	69	44	34	55	44	27	34	38	34
		W		****	****	****	****	****	****	****	****
16	92	B	73	21	21	46	23	32	29	32	46
		W		****	****	****	****	****	****	****	****
17	92	B	77	6	2	53	53	36	44	40	44
		W		****	****	****	****	****	****	****	****
18	93	B	81	50	46	23	21	32	50	53	61
		W		****	****	****	****	****	****	****	****
19	94	B	85	10	36	42	50	44	40	46	38
		W		****	****	****	****	****	****	****	****
20	93	B	89	40	17	32	23	29	36	50	38
		W		****	****	****	****	****	****	****	****
21	90	B	93	25	23	29	23	40	46	57	59
		W		****	****	****	****	****	****	****	****
22	69	B	97	40	29	19	17	38	32	44	50
		W		****	****	****	****	****	****	****	****
23	68	B	101	36	46	55	44	46	34	63	44
		W		****	****	****	****	****	****	****	****
24	70	B	105	38	40	46	53	42	38	48	46
		W		****	****	****	****	****	****	****	****
25	90	B	109	57	34	55	46	25	29	27	34
		W		****	****	****	****	****	****	****	****
26	91	B	113	34	36	53	50	29	29	44	46
		W		****	****	****	****	****	****	****	****
27	89	B	117	29	27	44	44	40	38	50	36
		W		****	****	****	****	****	****	****	****
28	70	B	121	29	34	53	48	46	40	53	63

		W	****	****	****	****	****	****	****	****
29	90	B 125	42	34	65	53	42	32	40	46
		W	****	****	****	****	****	****	****	****
30	89	B 129	25	25	25	42	25	34	42	40
		W	****	****	****	****	****	****	****	****
31	68	B 133	29	19	53	46	32	29	53	40
		W	****	****	****	****	****	****	****	****
32	67	B 137	44	38	59	42	25	38	44	55
		W	****	****	****	****	****	****	****	****
33	67	B 141	42	32	36	40	44	48	63	57
		W	****	****	****	****	****	****	****	****
34	67	B 145	44	38	59	42	44	42	50	46
		W	****	****	****	****	****	****	****	****
35	68	B 149	32	29	44	40	27	25	42	38
		W	****	****	****	****	****	****	****	****
36	70	B 153	55	27	67	42	27	36	44	63
		W	****	****	****	****	****	****	****	****
37	94	B 157	46	105	27	78	40	13	65	0
		W	****	****	****	****	****	****	****	****
38	107	B 161	29	34	57	48	29	32	57	50
		W	****	****	****	****	****	****	****	****
39	106	B 165	50	53	59	29	27	36	36	34
		W	****	****	****	****	****	****	****	****
40	104	B 169	23	40	44	36	40	50	55	69
		W	****	****	****	****	****	****	****	****
41	105	B 173	38	34	42	44	38	44	61	55
		W	****	****	****	****	****	****	****	****
42	104	B 177	40	27	44	46	44	53	42	38
		W	****	****	****	****	****	****	****	****
43	99	B 181	42	36	55	48	40	32	46	38
		W	****	****	****	****	****	****	****	****
44	99	B 185	34	17	48	44	46	46	63	44
		W	****	****	****	****	****	****	****	****
45	96	B 189	34	23	25	27	38	38	53	55
		W	****	****	****	****	****	****	****	****
46	96	B 193	38	27	44	40	40	40	44	44
		W	****	****	****	****	****	****	****	****
47	96	B 197	44	34	38	46	46	32	38	50
		W	****	****	****	****	****	****	****	****
48	98	B 201	34	36	36	38	44	42	44	42

		W	****	****	****	****	****	****	****	****
49	96	B 205	48	48	53	44	44	46	42	40
		W	****	****	****	****	****	****	****	****
50	97	B 209	36	38	57	38	25	32	36	46
		W	****	****	****	****	****	****	****	****
51	97	B 213	53	44	48	46	46	44	46	25
		W	****	****	****	****	****	****	****	****
52	96	B 217	40	42	34	38	42	44	55	57
		W	****	****	****	****	****	****	****	****
53	103	B 221	46	32	55	48	8	19	21	44
		W	****	****	****	****	****	****	****	****
54	102	B 225	44	32	48	36	48	48	38	48
		W	****	****	****	****	****	****	****	****
55	98	B 229	44	27	46	44	38	34	42	36
		W	****	****	****	****	****	****	****	****
	24	B 233	48	34						
		W	****	****						
	5	B 234	57	50						
		W	****	****						
	58	B 235	53	63						
		W	****	****						
	7	B 236	38	57						
		W	****	****						
56	98	B 237	44	42	42	48	42	34	50	46
		W	****	****	****	****	****	****	****	****
57	95	B 241	42	38	57	46	50	34	48	63
		W	****	****	****	****	****	****	****	****
58	95	B 245	21	23	50	48	32	29	48	38
		W	****	****	****	****	****	****	****	****
59	84	B 249	40	29	48	46	34	38	53	50
		W	****	****	****	****	****	****	****	****

STANDARD DEVIATION OF NORTH SIDE TEMPS: 14

AXLE NUMBER: 154 HAS THE HIGHEST NORTH SIDE TEMPERATURE OF 67

IT IS 2.00 STANDARD DEVIATIONS FROM THE MEAN

NORTH MEAN TEMPERATURE = 39

STANDARD DEVIATION OF SOUTH SIDE TEMPS: 14

AXLE NUMBER: 157 HAS THE HIGHEST SOUTH SIDE TEMPERATURE OF 105
IT IS 4.77 STANDARD DEVIATIONS FROM THE MEAN
SOUTH MEAN TEMPERATURE = 37

COMMENTS

WHEEL GATE ON COUNT = 252

WHEEL GATE OFF COUNT = 253

INTEGRITY FAILURES/WARNINGS

TRAIN STOP REMARKS

DETAIL TRAIN REPORT

5-25-13 03:43

WARE1 D105-1 05-25-13 01:56 CT 2 ENG 60 CARS 252 AXLES 5631 FT
 53 MPH SB MICRO SEQ: 1424 TRAIN ID: 2 ASMAR 25 AMBIENT TEMP: 50 SITE DIR: N
 NORTH MEAN TEMP: 46 F SOUTH MEAN TEMP: 31 F CAL:12.0 MM = 70 C
 ALARMS: HB=N WA=N DE=N AUX=N INT=N WIND=N TEMP=N HW=N
 PROCESSOR TYPE = HARMON SCANNER TYPE = WC033 GATE-A = 252 GATE-B = 252
 ABS=18.0 DIFF=11.0 CARSIDE SLOPE=2.36 CARSIDE LOWLIM=15.0 WIND ALARM(MPH) = 50

ENG	LENGTH	AXLE	*** AXLE TEMPERATURE (DEG F) ***								ALARMS
			N	S	N	S	N	S	N	S	
1	75	B 1	0	0	0	0	0	0	0	0	
		W	****	****	****	****	****	****	****	****	
		B 5	4	2	13	6					
		W	****	****	****	****					
2	75	B 7	0	0	23	13	15	8	0	0	
		W	****	****	****	****	****	****	****	****	
		B 11	2	4	4	4					
		W	****	****	****	****					

CAR	LENGTH	AXLE	*** AXLE TEMPERATURE (DEG F) ***								ALARMS
			N	S	N	S	N	S	N	S	
1	71	B 13	59	32	67	38	55	29	57	38	
		W	****	****	****	****	****	****	****	****	
2	95	B 17	46	25	50	29	25	21	44	44	
		W	****	****	****	****	****	****	****	****	
3	96	B 21	13	10	59	29	46	25	67	29	
		W	****	****	****	****	****	****	****	****	
4	96	B 25	48	29	50	29	42	32	67	46	
		W	****	****	****	****	****	****	****	****	
5	96	B 29	48	29	69	34	40	27	61	34	
		W	****	****	****	****	****	****	****	****	
6	96	B 33	25	17	44	29	46	19	48	34	
		W	****	****	****	****	****	****	****	****	
7	96	B 37	63	36	42	34	55	34	53	32	
		W	****	****	****	****	****	****	****	****	
8	96	B 41	40	29	50	27	44	27	44	25	