

YTRM005U

~V

VERS. 1.20:CWLS LOG ASCII STANDARD - VERSION 1.2
WRAP. NO:One line per depth step.

~W

STRT.m 0.08:
STOP.m 113.93:
STEP.m 0.05:
NULL. -999.25:

Unique Well Identification ##
HOLE NUMBER :YTRM005_UP

Header Information ##
COMPANY :ROYAL
AREA :YATJALU
PROSPECT :PALAEO
OPERATOR :R.KEMP

Drilling Information ##
DRILLED :RM
PERM DAT :GROUND
ELEV :637
AZIMUTH :0
INCLIN :90
NORTHING :7518346
EASTING :673236
HOLE DIA :90MM
DEPTH :20

Casing Data ##
CAS1_TYP :OPEN
CAS1_DTH :67.6
CAS1_DIA :90MM
CAS2_TYP :
CAS2_DTH :
CAS2_DIA :

Fluid Data ##
FLUID_TYP :NA
FLUID_LEV :0
LOGTYPE :TD-5.00

~C

DEPT.m : 1 DEPTH
Gamm.CPS : 2 Gamma

~A

0.08	16.04
0.13	16.30
0.18	20.61
0.23	21.16
0.28	19.75
0.33	18.91
0.38	25.64
0.43	21.06
0.48	19.69
0.53	17.45
0.58	20.66
0.63	19.46
0.68	17.17
0.73	20.49
0.78	23.45

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0.83	25.05
0.88	18.96
0.93	20.00
0.98	20.63
1.03	19.59
1.08	21.33
1.13	19.07
1.18	23.99
1.23	25.18
1.28	30.00
1.33	27.19
1.38	31.76
1.43	25.34
1.48	21.48
1.53	21.52
1.58	21.37
1.63	21.62
1.68	26.49
1.73	23.74
1.78	26.01
1.83	25.40
1.88	25.24
1.93	25.14
1.98	26.06
2.03	27.97
2.08	26.20
2.13	29.83
2.18	30.45
2.23	32.14
2.28	38.88
2.33	33.81
2.38	33.62
2.43	34.80
2.48	33.17
2.53	32.45
2.58	30.99
2.63	29.34
2.68	29.14
2.73	29.80
2.78	28.08
2.83	25.27
2.88	26.93
2.93	29.71
2.98	30.37
3.03	32.09
3.08	26.32
3.13	21.70
3.18	27.92
3.23	28.29
3.28	31.64
3.33	35.18
3.38	36.01
3.43	33.11
3.48	30.60
3.53	35.87

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3.58	34.86
3.63	29.55
3.68	31.60
3.73	28.15
3.78	35.70
3.83	33.70
3.88	30.95
3.93	30.10
3.98	31.93
4.03	37.97
4.08	31.42
4.13	33.50
4.18	36.84
4.23	33.09
4.28	34.75
4.33	31.58
4.38	37.76
4.43	34.93
4.48	33.51
4.53	37.08
4.58	33.23
4.63	38.75
4.68	34.74
4.73	33.13
4.78	32.43
4.83	27.54
4.88	28.29
4.93	34.75
4.98	30.27
5.03	26.57
5.08	23.79
5.13	25.06
5.18	30.72
5.23	36.20
5.28	37.11
5.33	41.09
5.38	37.38
5.43	37.33
5.48	38.08
5.53	36.97
5.58	29.78
5.63	30.18
5.68	33.29
5.73	33.05
5.78	33.42
5.83	35.47
5.88	40.58
5.93	38.16
5.98	38.28
6.03	30.56
6.08	37.15
6.13	39.24
6.18	41.26
6.23	42.80
6.28	48.48

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6.33	39.74
6.38	40.78
6.43	39.06
6.48	40.84
6.53	37.54
6.58	39.47
6.63	40.62
6.68	35.55
6.73	36.52
6.78	31.85
6.83	35.31
6.88	33.47
6.93	33.93
6.98	41.23
7.03	35.43
7.08	35.88
7.13	30.69
7.18	29.94
7.23	27.16
7.28	33.30
7.33	34.88
7.38	39.75
7.43	36.89
7.48	35.47
7.53	31.74
7.58	36.54
7.63	38.88
7.68	39.49
7.73	34.11
7.78	38.21
7.83	36.75
7.88	36.67
7.93	42.54
7.98	47.48
8.03	43.04
8.08	43.52
8.13	46.93
8.18	43.50
8.23	45.78
8.28	46.71
8.33	39.14
8.38	38.08
8.43	39.80
8.48	36.14
8.53	36.79
8.58	33.57
8.63	35.04
8.68	31.23
8.73	32.60
8.78	38.59
8.83	40.57
8.88	38.16
8.93	39.54
8.98	41.90
9.03	39.41

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9.08	39.03
9.13	42.70
9.18	40.98
9.23	39.96
9.28	37.01
9.33	40.72
9.38	42.92
9.43	38.77
9.48	42.23
9.53	45.38
9.58	46.12
9.63	41.45
9.68	36.82
9.73	38.26
9.78	45.81
9.83	51.03
9.88	47.87
9.93	44.06
9.98	46.47
10.03	45.56
10.08	41.57
10.13	44.65
10.18	44.48
10.23	46.36
10.28	45.14
10.33	42.87
10.38	47.32
10.43	37.49
10.48	34.49
10.53	40.29
10.58	44.23
10.63	41.11
10.68	36.62
10.73	32.69
10.78	33.47
10.83	33.41
10.88	37.02
10.93	31.37
10.98	30.04
11.03	26.66
11.08	28.76
11.13	30.03
11.18	31.84
11.23	29.78
11.28	39.59
11.33	36.90
11.38	29.98
11.43	31.81
11.48	30.01
11.53	37.63
11.58	38.37
11.63	39.94
11.68	35.34
11.73	36.45
11.78	35.03

11.83	34.14
11.88	32.77
11.93	30.06
11.98	29.96
12.03	29.89
12.08	29.85
12.13	28.00
12.18	31.07
12.23	32.44
12.28	28.25
12.33	32.02
12.38	29.59
12.43	33.11
12.48	29.72
12.53	32.93
12.58	35.22
12.63	37.17
12.68	32.81
12.73	26.89
12.78	26.96
12.83	25.63
12.88	26.39
12.93	33.49
12.98	35.29
13.03	36.71
13.08	36.80
13.13	35.25
13.18	35.60
13.23	26.24
13.28	33.15
13.33	25.28
13.38	29.36
13.43	27.93
13.48	25.22
13.53	26.93
13.58	27.21
13.63	28.75
13.68	24.56
13.73	22.72
13.78	22.18
13.83	18.65
13.88	18.69
13.93	19.51
13.98	20.97
14.03	20.12
14.08	25.16
14.13	23.51
14.18	22.67
14.23	22.15
14.28	24.03
14.33	22.38
14.38	25.16
14.43	25.30
14.48	20.42
14.53	19.94

14.58	18.69
14.63	19.51
14.68	21.60
14.73	20.52
14.78	23.02
14.83	21.57
14.88	23.67
14.93	24.37
14.98	28.00
15.03	26.27
15.08	32.38
15.13	28.77
15.18	29.72
15.23	26.33
15.28	26.62
15.33	28.96
15.38	32.46
15.43	31.74
15.48	31.56
15.53	29.06
15.58	29.33
15.63	24.71
15.68	25.02
15.73	31.37
15.78	32.37
15.83	34.33
15.88	36.33
15.93	35.19
15.98	32.89
16.03	36.24
16.08	38.61
16.13	35.01
16.18	35.96
16.23	32.32
16.28	28.98
16.33	26.09
16.38	21.89
16.43	23.08
16.48	19.04
16.53	22.11
16.58	24.61
16.63	26.55
16.68	25.75
16.73	25.67
16.78	23.83
16.83	22.69
16.88	20.73
16.93	27.32
16.98	21.86
17.03	24.65
17.08	22.40
17.13	22.60
17.18	20.34
17.23	25.11
17.28	25.86

17.33	25.74
17.38	25.46
17.43	30.05
17.48	28.35
17.53	23.31
17.58	16.80
17.63	21.67
17.68	23.92
17.73	20.98
17.78	18.54
17.83	18.62
17.88	27.41
17.93	26.49
17.98	21.95
18.03	18.35
18.08	23.27
18.13	22.52
18.18	25.05
18.23	23.64
18.28	25.75
18.33	27.84
18.38	23.58
18.43	27.10
18.48	30.27
18.53	28.03
18.58	28.69
18.63	31.25
18.68	33.63
18.73	27.96
18.78	25.45
18.83	27.08
18.88	30.26
18.93	29.05
18.98	35.19
19.03	36.07
19.08	34.23
19.13	28.88
19.18	33.75
19.23	31.21
19.28	31.23
19.33	33.62
19.38	33.51
19.43	37.70
19.48	33.14
19.53	34.27
19.58	30.74
19.63	34.11
19.68	32.76
19.73	29.55
19.78	27.02
19.83	34.99
19.88	29.34
19.93	36.42
19.98	39.22
20.03	43.33

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20.08	45.87
20.13	43.03
20.18	36.16
20.23	33.49
20.28	30.80
20.33	34.94
20.38	34.33
20.43	32.10
20.48	47.33
20.53	44.38
20.58	38.11
20.63	38.67
20.68	37.13
20.73	35.97
20.78	34.17
20.83	33.85
20.88	32.86
20.93	35.15
20.98	34.46
21.03	32.97
21.08	31.27
21.13	29.67
21.18	25.29
21.23	29.15
21.28	31.54
21.33	30.64
21.38	27.13
21.43	26.32
21.48	28.99
21.53	28.04
21.58	25.87
21.63	23.16
21.68	30.00
21.73	31.03
21.78	29.28
21.83	32.17
21.88	31.82
21.93	28.19
21.98	32.78
22.03	29.02
22.08	25.90
22.13	30.55
22.18	26.62
22.23	28.17
22.28	25.37
22.33	22.66
22.38	21.96
22.43	20.57
22.48	23.05
22.53	27.77
22.58	24.92
22.63	24.95
22.68	23.57
22.73	27.29
22.78	20.86

22.83	23.06
22.88	25.19
22.93	21.76
22.98	22.03
23.03	27.13
23.08	35.59
23.13	37.62
23.18	33.60
23.23	31.65
23.28	30.16
23.33	34.54
23.38	31.70
23.43	41.56
23.48	32.07
23.53	32.29
23.58	34.28
23.63	30.49
23.68	34.49
23.73	33.25
23.78	29.31
23.83	31.64
23.88	31.49
23.93	26.07
23.98	29.63
24.03	22.10
24.08	21.45
24.13	26.77
24.18	31.42
24.23	27.95
24.28	29.21
24.33	30.78
24.38	32.30
24.43	35.34
24.48	31.14
24.53	35.42
24.58	27.72
24.63	31.45
24.68	36.93
24.73	32.63
24.78	28.93
24.83	32.74
24.88	33.50
24.93	33.44
24.98	34.98
25.03	33.29
25.08	30.13
25.13	30.32
25.18	29.32
25.23	30.85
25.28	29.41
25.33	27.51
25.38	29.96
25.43	28.53
25.48	33.49
25.53	39.37

25.58	43.96
25.63	42.41
25.68	38.97
25.73	34.81
25.78	31.58
25.83	28.92
25.88	29.61
25.93	28.68
25.98	31.66
26.03	32.23
26.08	30.98
26.13	29.90
26.18	36.80
26.23	36.43
26.28	30.47
26.33	31.20
26.38	29.48
26.43	31.87
26.48	31.56
26.53	33.80
26.58	36.09
26.63	40.04
26.68	37.43
26.73	35.21
26.78	39.16
26.83	37.66
26.88	39.13
26.93	37.96
26.98	35.56
27.03	30.44
27.08	33.07
27.13	33.98
27.18	35.11
27.23	32.05
27.28	25.72
27.33	24.05
27.38	23.77
27.43	23.59
27.48	28.35
27.53	22.51
27.58	19.69
27.63	25.00
27.68	20.33
27.73	19.89
27.78	21.23
27.83	24.38
27.88	32.11
27.93	26.58
27.98	28.22
28.03	27.66
28.08	20.05
28.13	17.47
28.18	16.77
28.23	21.16
28.28	19.77

28.33	19.21
28.38	19.49
28.43	17.12
28.48	16.42
28.53	17.44
28.58	18.73
28.63	21.12
28.68	18.63
28.73	16.29
28.78	15.39
28.83	16.67
28.88	14.96
28.93	9.86
28.98	13.25
29.03	14.55
29.08	13.77
29.13	14.76
29.18	19.46
29.23	19.04
29.28	14.03
29.33	16.63
29.38	17.44
29.43	18.59
29.48	15.47
29.53	17.38
29.58	18.05
29.63	20.70
29.68	21.38
29.73	28.32
29.78	25.46
29.83	30.85
29.88	34.71
29.93	35.49
29.98	33.60
30.03	32.44
30.08	33.32
30.13	32.27
30.18	29.50
30.23	28.58
30.28	28.80
30.33	28.71
30.38	24.71
30.43	26.79
30.48	29.28
30.53	31.38
30.58	25.77
30.63	23.89
30.68	28.07
30.73	30.64
30.78	24.30
30.83	23.17
30.88	23.07
30.93	22.04
30.98	18.09
31.03	16.62

31.08	19.67
31.13	23.91
31.18	21.76
31.23	18.87
31.28	19.31
31.33	25.27
31.38	23.98
31.43	21.19
31.48	25.03
31.53	20.87
31.58	23.06
31.63	22.64
31.68	31.05
31.73	22.18
31.78	24.47
31.83	22.11
31.88	26.79
31.93	31.20
31.98	28.60
32.03	23.85
32.08	21.11
32.13	21.80
32.18	18.10
32.23	20.57
32.28	21.13
32.33	24.81
32.38	30.00
32.43	29.21
32.48	31.88
32.53	32.97
32.58	33.11
32.63	36.09
32.68	31.07
32.73	33.52
32.78	38.22
32.83	41.12
32.88	37.05
32.93	31.91
32.98	34.31
33.03	32.61
33.08	33.16
33.13	27.98
33.18	32.71
33.23	38.51
33.28	39.71
33.33	42.05
33.38	39.67
33.43	45.19
33.48	40.00
33.53	41.11
33.58	38.31
33.63	36.12
33.68	35.29
33.73	37.14
33.78	39.36

33.83	43.54
33.88	38.21
33.93	36.85
33.98	38.39
34.03	39.33
34.08	40.70
34.13	36.00
34.18	37.86
34.23	42.17
34.28	38.96
34.33	43.63
34.38	37.01
34.43	35.32
34.48	33.50
34.53	36.33
34.58	36.78
34.63	34.39
34.68	34.51
34.73	34.06
34.78	29.81
34.83	26.96
34.88	26.79
34.93	25.90
34.98	26.94
35.03	23.62
35.08	27.12
35.13	22.15
35.18	18.47
35.23	19.37
35.28	20.72
35.33	16.00
35.38	13.87
35.43	10.97
35.48	10.67
35.53	11.37
35.58	10.21
35.63	11.08
35.68	10.12
35.73	8.64
35.78	13.47
35.83	17.20
35.88	19.38
35.93	23.90
35.98	19.22
36.03	16.52
36.08	18.02
36.13	19.74
36.18	19.21
36.23	17.30
36.28	13.88
36.33	14.72
36.38	15.34
36.43	17.57
36.48	16.30
36.53	13.03

36.58	14.31
36.63	11.93
36.68	15.89
36.73	20.01
36.78	17.65
36.83	17.14
36.88	16.03
36.93	16.81
36.98	18.85
37.03	16.43
37.08	19.55
37.13	17.37
37.18	18.40
37.23	15.10
37.28	17.03
37.33	17.41
37.38	20.79
37.43	20.32
37.48	21.77
37.53	25.19
37.58	20.97
37.63	21.54
37.68	18.73
37.73	21.75
37.78	21.85
37.83	19.55
37.88	18.15
37.93	16.52
37.98	19.46
38.03	18.10
38.08	18.06
38.13	18.18
38.18	19.04
38.23	21.15
38.28	24.21
38.33	25.11
38.38	25.46
38.43	24.29
38.48	25.16
38.53	32.57
38.58	32.35
38.63	27.49
38.68	27.69
38.73	27.03
38.78	25.83
38.83	24.33
38.88	22.20
38.93	26.44
38.98	20.94
39.03	24.51
39.08	23.52
39.13	19.77
39.18	18.29
39.23	21.48
39.28	18.54

39.33	23.05
39.38	25.98
39.43	23.63
39.48	21.41
39.53	25.96
39.58	30.92
39.63	27.64
39.68	29.36
39.73	28.82
39.78	26.14
39.83	32.15
39.88	31.30
39.93	27.64
39.98	28.00
40.03	29.01
40.08	29.63
40.13	26.63
40.18	25.01
40.23	28.98
40.28	27.02
40.33	29.99
40.38	27.63
40.43	27.78
40.48	32.35
40.53	30.39
40.58	28.66
40.63	30.76
40.68	29.68
40.73	26.88
40.78	30.47
40.83	31.01
40.88	28.72
40.93	24.71
40.98	30.95
41.03	25.28
41.08	22.79
41.13	22.22
41.18	19.48
41.23	25.30
41.28	24.59
41.33	22.25
41.38	20.51
41.43	20.51
41.48	22.17
41.53	18.32
41.58	19.03
41.63	20.67
41.68	15.82
41.73	12.97
41.78	10.32
41.83	12.74
41.88	15.71
41.93	14.25
41.98	12.58
42.03	9.99

42.08	10.95
42.13	11.45
42.18	11.67
42.23	11.80
42.28	8.73
42.33	8.44
42.38	10.63
42.43	11.96
42.48	10.31
42.53	10.98
42.58	11.38
42.63	10.05
42.68	7.74
42.73	7.17
42.78	7.56
42.83	12.45
42.88	9.91
42.93	13.88
42.98	13.14
43.03	12.69
43.08	12.32
43.13	11.41
43.18	9.28
43.23	13.50
43.28	14.71
43.33	12.17
43.38	10.53
43.43	11.90
43.48	14.19
43.53	15.57
43.58	18.10
43.63	20.27
43.68	19.22
43.73	16.38
43.78	15.44
43.83	13.19
43.88	12.72
43.93	11.84
43.98	15.95
44.03	15.18
44.08	15.63
44.13	18.13
44.18	17.29
44.23	16.65
44.28	15.74
44.33	15.84
44.38	16.03
44.43	12.98
44.48	11.81
44.53	15.14
44.58	14.81
44.63	15.40
44.68	14.97
44.73	15.37
44.78	19.55

44.83	19.58
44.88	20.53
44.93	29.76
44.98	26.49
45.03	28.66
45.08	27.39
45.13	22.91
45.18	23.52
45.23	26.07
45.28	26.04
45.33	23.07
45.38	22.65
45.43	25.35
45.48	26.60
45.53	26.16
45.58	19.62
45.63	17.41
45.68	19.86
45.73	23.67
45.78	18.46
45.83	21.42
45.88	24.01
45.93	26.57
45.98	27.92
46.03	32.43
46.08	28.09
46.13	29.40
46.18	28.62
46.23	27.37
46.28	25.26
46.33	26.92
46.38	26.19
46.43	20.97
46.48	20.59
46.53	22.72
46.58	23.83
46.63	23.71
46.68	26.77
46.73	24.11
46.78	27.21
46.83	26.52
46.88	28.68
46.93	25.26
46.98	23.00
47.03	21.21
47.08	27.03
47.13	31.90
47.18	28.79
47.23	32.41
47.28	28.08
47.33	19.39
47.38	16.48
47.43	18.65
47.48	24.08
47.53	25.03

47.58	20.25
47.63	13.59
47.68	12.80
47.73	16.70
47.78	15.44
47.83	13.77
47.88	15.12
47.93	16.16
47.98	17.29
48.03	17.89
48.08	15.16
48.13	17.85
48.18	20.42
48.23	19.31
48.28	22.90
48.33	20.19
48.38	19.95
48.43	17.47
48.48	18.32
48.53	17.27
48.58	18.06
48.63	14.76
48.68	14.46
48.73	14.95
48.78	13.68
48.83	16.17
48.88	18.46
48.93	20.01
48.98	16.86
49.03	21.87
49.08	19.56
49.13	17.23
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49.23	12.83
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49.33	14.81
49.38	21.58
49.43	16.09
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49.63	14.35
49.68	12.64
49.73	12.39
49.78	16.96
49.83	15.67
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49.98	20.76
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50.13	16.31
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50.28	19.07

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51.68	33.79
51.73	33.09
51.78	36.08
51.83	34.48
51.88	34.29
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51.98	41.70
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52.08	47.67
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52.23	48.78
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52.33	45.81
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52.58	50.52
52.63	42.02
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52.88	32.41
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52.98	24.52
53.03	23.53

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57.58	42.65
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57.68	46.45
57.73	48.63
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61.03	33.16
61.08	35.31
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62.63	19.59
62.68	25.08
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63.98	38.27
64.03	30.55

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64.78	19.43
64.83	17.01
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64.93	16.93
64.98	16.43
65.03	17.70
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65.38	17.80
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65.88	20.12
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66.63	15.59
66.68	17.85
66.73	23.25
66.78	17.88

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66.88	18.04
66.93	14.63
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67.03	10.86
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67.13	11.66
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67.23	14.71
67.28	11.86
67.33	19.66
67.38	16.64
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67.48	17.59
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67.58	18.55
67.63	19.75
67.68	22.05
67.73	19.51
67.78	17.83
67.83	13.06
67.88	12.64
67.93	11.42
67.98	12.34
68.03	17.59
68.08	12.02
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70.73	25.74
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70.93	19.73
70.98	17.33
71.03	19.17
71.08	19.34
71.13	27.28
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72.08	31.73
72.13	37.07
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74.08	29.60
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74.33	21.81
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74.98	34.06
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88.73	17.82
88.78	13.59

88.83	11.69
88.88	9.13
88.93	11.50
88.98	9.79
89.03	10.34
89.08	10.66
89.13	10.77
89.18	13.13
89.23	9.97
89.28	9.83
89.33	15.77
89.38	17.05
89.43	23.07
89.48	21.34
89.53	23.25
89.58	26.88
89.63	28.24
89.68	28.82
89.73	26.28
89.78	22.27
89.83	22.95
89.88	23.78
89.93	16.48
89.98	16.16
90.03	12.51
90.08	16.68
90.13	18.49
90.18	15.15
90.23	13.91
90.28	13.48
90.33	13.43
90.38	11.78
90.43	13.25
90.48	12.79
90.53	14.23
90.58	16.13
90.63	16.58
90.68	16.33
90.73	19.49
90.78	25.99
90.83	33.62
90.88	31.94
90.93	32.50
90.98	33.61
91.03	25.11
91.08	26.25
91.13	23.00
91.18	21.65
91.23	24.15
91.28	25.47
91.33	23.91
91.38	19.06
91.43	20.84
91.48	18.78
91.53	21.62

91.58	21.43
91.63	22.27
91.68	22.95
91.73	22.58
91.78	23.74
91.83	20.35
91.88	18.34
91.93	18.85
91.98	18.08
92.03	22.44
92.08	26.60
92.13	27.30
92.18	28.49
92.23	25.10
92.28	23.50
92.33	24.33
92.38	22.50
92.43	29.34
92.48	22.70
92.53	22.50
92.58	19.29
92.63	20.36
92.68	20.05
92.73	21.41
92.78	16.82
92.83	19.42
92.88	17.22
92.93	18.12
92.98	17.87
93.03	16.97
93.08	17.98
93.13	20.08
93.18	15.93
93.23	15.11
93.28	19.84
93.33	14.90
93.38	19.86
93.43	21.46
93.48	24.33
93.53	27.48
93.58	26.21
93.63	31.59
93.68	33.11
93.73	33.21
93.78	27.93
93.83	27.78
93.88	33.24
93.93	35.33
93.98	38.36
94.03	39.18
94.08	39.67
94.13	37.32
94.18	42.93
94.23	36.44
94.28	33.36

94.33	25.84
94.38	28.84
94.43	28.62
94.48	22.47
94.53	24.87
94.58	27.63
94.63	35.67
94.68	46.61
94.73	47.25
94.78	56.90
94.83	55.13
94.88	54.54
94.93	61.14
94.98	63.45
95.03	62.47
95.08	70.40
95.13	68.07
95.18	68.50
95.23	67.24
95.28	69.32
95.33	63.31
95.38	62.68
95.43	58.16
95.48	50.89
95.53	44.75
95.58	40.76
95.63	39.67
95.68	41.66
95.73	44.80
95.78	35.08
95.83	49.80
95.88	43.70
95.93	41.37
95.98	43.87
96.03	41.46
96.08	41.29
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96.18	42.86
96.23	42.09
96.28	38.29
96.33	39.95
96.38	39.06
96.43	39.92
96.48	43.48
96.53	38.76
96.58	33.84
96.63	39.91
96.68	42.39
96.73	36.34
96.78	36.76
96.83	37.75
96.88	33.01
96.93	27.14
96.98	25.82
97.03	34.19

97.08	34.32
97.13	28.32
97.18	21.93
97.23	24.24
97.28	33.83
97.33	28.57
97.38	26.07
97.43	25.03
97.48	22.36
97.53	28.06
97.58	32.64
97.63	27.61
97.68	22.29
97.73	25.38
97.78	28.42
97.83	30.11
97.88	31.04
97.93	35.83
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98.03	30.42
98.08	24.01
98.13	25.02
98.18	26.52
98.23	30.34
98.28	29.21
98.33	35.58
98.38	32.81
98.43	32.29
98.48	31.02
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98.58	32.47
98.63	28.34
98.68	27.38
98.73	27.81
98.78	35.06
98.83	30.76
98.88	24.40
98.93	25.42
98.98	23.91
99.03	22.73
99.08	17.74
99.13	19.51
99.18	23.33
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99.28	17.76
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99.63	19.72
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99.73	22.57
99.78	23.20

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99.93	30.15
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100.03	31.94
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101.73	34.88
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102.78	31.92
102.83	28.57
102.88	27.93
102.93	28.86
102.98	35.89
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103.08	44.42
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103.18	50.66
103.23	59.81
103.28	59.14
103.33	62.71
103.38	65.46
103.43	63.97
103.48	62.65
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103.58	60.22
103.63	58.00
103.68	64.34
103.73	63.34
103.78	66.08
103.83	55.97
103.88	57.04
103.93	52.01
103.98	45.45
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104.08	41.00
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104.33	45.19
104.38	57.17
104.43	58.25
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104.53	66.97
104.58	62.27
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104.68	50.66
104.73	52.67
104.78	41.57
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104.98	36.42
105.03	37.37
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107.88	26.36
107.93	27.25
107.98	25.68
108.03	26.13

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108.13	26.09
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108.78	35.54
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109.23	25.55
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109.38	26.45
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109.48	26.38
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109.63	18.45
109.68	27.81
109.73	34.10
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110.03	26.42
110.08	30.29
110.13	30.16
110.18	30.61
110.23	21.68
110.28	22.84
110.33	21.07
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110.58	25.42
110.63	26.54
110.68	27.69
110.73	26.62
110.78	29.44

110.83	24.98
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110.93	27.60
110.98	29.22
111.03	32.12
111.08	31.44
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111.28	23.09
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111.38	27.45
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111.58	48.29
111.63	43.19
111.68	35.62
111.73	29.86
111.78	32.31
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111.93	16.69
111.98	21.96
112.03	18.95
112.08	19.50
112.13	18.23
112.18	21.69
112.23	28.36
112.28	19.73
112.33	21.72
112.38	22.77
112.43	20.77
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112.53	22.68
112.58	22.83
112.63	26.26
112.68	21.62
112.73	24.30
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112.88	23.82
112.93	25.86
112.98	25.28
113.03	28.78
113.08	28.58
113.13	23.59
113.18	30.21
113.23	26.74
113.28	30.23
113.33	30.40
113.38	25.04
113.43	22.79
113.48	30.44
113.53	28.74

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113.58	29.76
113.63	28.78
113.68	21.09
113.73	27.90
113.78	28.46
113.83	28.06
113.88	27.35
113.93	23.07