

YTRM004U

~V

VERS. 1.20:CWLS LOG ASCII STANDARD - VERSION 1.2

WRAP. NO:One line per depth step.

~W

STRT.m 0.02:

STOP.m 113.92:

STEP.m 0.05:

NULL. -999.25:

Unique Well Identification

HOLE NUMBER :YTRM004_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

0.02 20.74

0.07 26.37

0.12 24.53

0.17 18.98

0.22 22.29

0.27 26.90

0.32 24.57

0.37 25.52

0.42 25.51

0.47 29.98

0.52 31.86

0.57 26.74

0.62 28.93

0.67 31.24

0.72 27.15

YTRM004U

0.77	22.57
0.82	24.93
0.87	23.59
0.92	24.35
0.97	22.27
1.02	22.60
1.07	25.72
1.12	20.75
1.17	19.35
1.22	24.59
1.27	23.79
1.32	29.74
1.37	28.60
1.42	27.92
1.47	28.85
1.52	29.08
1.57	30.78
1.62	26.65
1.67	28.54
1.72	29.22
1.77	36.60
1.82	39.70
1.87	33.74
1.92	26.07
1.97	22.52
2.02	21.18
2.07	20.39
2.12	22.09
2.17	24.23
2.22	23.95
2.27	24.19
2.32	22.36
2.37	21.70
2.42	24.42
2.47	29.90
2.52	24.79
2.57	32.45
2.62	33.85
2.67	34.16
2.72	32.52
2.77	35.71
2.82	36.83
2.87	32.03
2.92	34.64
2.97	34.36
3.02	40.41
3.07	38.53
3.12	46.74
3.17	37.60
3.22	31.71
3.27	32.11
3.32	30.01
3.37	28.53
3.42	37.50
3.47	37.89

YTRM004U

3.52	35.00
3.57	35.63
3.62	32.61
3.67	30.84
3.72	26.69
3.77	25.23
3.82	27.27
3.87	26.14
3.92	27.24
3.97	24.77
4.02	26.22
4.07	29.06
4.12	26.64
4.17	29.87
4.22	33.63
4.27	33.77
4.32	27.87
4.37	24.17
4.42	25.09
4.47	30.51
4.52	31.93
4.57	31.46
4.62	34.04
4.67	31.16
4.72	32.03
4.77	36.97
4.82	33.41
4.87	37.02
4.92	33.93
4.97	32.39
5.02	30.71
5.07	31.27
5.12	30.59
5.17	24.42
5.22	30.12
5.27	30.69
5.32	33.06
5.37	30.82
5.42	29.78
5.47	26.85
5.52	32.10
5.57	34.93
5.62	35.04
5.67	33.82
5.72	35.70
5.77	34.99
5.82	35.34
5.87	31.67
5.92	38.05
5.97	42.11
6.02	36.73
6.07	35.59
6.12	32.86
6.17	41.56
6.22	38.43

6.27	36.59
6.32	37.06
6.37	37.34
6.42	39.83
6.47	34.31
6.52	31.84
6.57	37.37
6.62	36.54
6.67	33.93
6.72	40.93
6.77	39.15
6.82	35.95
6.87	35.91
6.92	32.00
6.97	35.14
7.02	34.65
7.07	34.37
7.12	38.37
7.17	35.49
7.22	35.92
7.27	40.85
7.32	40.66
7.37	43.34
7.42	43.80
7.47	43.63
7.52	42.43
7.57	42.05
7.62	43.38
7.67	41.83
7.72	45.58
7.77	42.35
7.82	40.91
7.87	43.37
7.92	41.83
7.97	42.15
8.02	41.43
8.07	42.69
8.12	41.88
8.17	40.49
8.22	39.05
8.27	37.44
8.32	35.23
8.37	36.26
8.42	38.13
8.47	33.04
8.52	36.80
8.57	39.51
8.62	39.25
8.67	36.01
8.72	32.84
8.77	27.64
8.82	28.47
8.87	33.59
8.92	27.53
8.97	27.42

9.02	30.89
9.07	36.81
9.12	34.36
9.17	34.97
9.22	35.33
9.27	39.43
9.32	39.97
9.37	39.52
9.42	38.79
9.47	38.35
9.52	36.26
9.57	41.52
9.62	46.95
9.67	36.95
9.72	36.21
9.77	41.80
9.82	47.47
9.87	40.80
9.92	39.54
9.97	44.68
10.02	46.12
10.07	46.20
10.12	44.27
10.17	39.71
10.22	41.22
10.27	39.79
10.32	38.94
10.37	38.92
10.42	45.75
10.47	35.47
10.52	31.74
10.57	38.59
10.62	35.62
10.67	38.53
10.72	30.18
10.77	33.04
10.82	33.42
10.87	27.98
10.92	25.00
10.97	27.71
11.02	29.28
11.07	27.33
11.12	29.28
11.17	27.88
11.22	29.61
11.27	26.74
11.32	27.74
11.37	27.19
11.42	33.62
11.47	30.41
11.52	30.32
11.57	30.03
11.62	33.20
11.67	33.00
11.72	35.21

YTRM004U

11.77	30.82
11.82	28.23
11.87	24.18
11.92	28.77
11.97	25.27
12.02	22.45
12.07	26.03
12.12	22.12
12.17	25.25
12.22	23.40
12.27	27.55
12.32	32.05
12.37	37.77
12.42	37.46
12.47	32.65
12.52	29.84
12.57	32.60
12.62	36.77
12.67	29.93
12.72	29.03
12.77	35.46
12.82	36.12
12.87	30.57
12.92	24.00
12.97	23.85
13.02	26.65
13.07	24.03
13.12	28.69
13.17	28.53
13.22	26.46
13.27	23.15
13.32	24.89
13.37	24.55
13.42	22.63
13.47	21.68
13.52	20.36
13.57	25.59
13.62	25.16
13.67	24.90
13.72	21.46
13.77	21.61
13.82	27.08
13.87	27.37
13.92	26.77
13.97	24.10
14.02	26.21
14.07	27.64
14.12	23.06
14.17	23.48
14.22	20.64
14.27	27.09
14.32	33.56
14.37	31.15
14.42	35.66
14.47	35.46

14.52	41.23
14.57	34.84
14.62	41.64
14.67	37.40
14.72	43.43
14.77	34.58
14.82	35.61
14.87	35.93
14.92	34.34
14.97	36.24
15.02	31.94
15.07	29.19
15.12	33.24
15.17	26.87
15.22	23.19
15.27	34.38
15.32	37.03
15.37	42.44
15.42	35.55
15.47	32.05
15.52	35.68
15.57	32.64
15.62	33.70
15.67	42.05
15.72	35.80
15.77	32.96
15.82	35.43
15.87	29.67
15.92	29.66
15.97	25.78
16.02	28.93
16.07	29.22
16.12	27.41
16.17	24.09
16.22	25.83
16.27	32.82
16.32	23.76
16.37	30.63
16.42	36.40
16.47	30.48
16.52	31.67
16.57	29.27
16.62	31.50
16.67	35.62
16.72	35.44
16.77	32.75
16.82	35.58
16.87	32.59
16.92	34.44
16.97	33.21
17.02	34.54
17.07	28.63
17.12	27.50
17.17	29.93
17.22	26.93

17.27	20.51
17.32	21.55
17.37	20.61
17.42	20.21
17.47	16.84
17.52	17.94
17.57	17.04
17.62	15.72
17.67	17.40
17.72	15.28
17.77	15.01
17.82	14.85
17.87	11.47
17.92	10.19
17.97	16.63
18.02	14.93
18.07	18.11
18.12	20.09
18.17	21.17
18.22	23.42
18.27	23.23
18.32	27.08
18.37	29.47
18.42	25.96
18.47	24.20
18.52	22.12
18.57	26.40
18.62	28.47
18.67	27.94
18.72	22.25
18.77	21.09
18.82	20.20
18.87	26.98
18.92	29.18
18.97	23.62
19.02	22.55
19.07	24.89
19.12	22.55
19.17	21.27
19.22	21.90
19.27	20.70
19.32	20.12
19.37	22.95
19.42	26.91
19.47	23.60
19.52	24.13
19.57	20.93
19.62	23.10
19.67	25.22
19.72	21.78
19.77	21.25
19.82	27.84
19.87	25.96
19.92	30.70
19.97	30.11

20.02	28.96
20.07	28.81
20.12	32.67
20.17	26.90
20.22	25.17
20.27	27.86
20.32	27.35
20.37	30.75
20.42	26.74
20.47	26.08
20.52	22.30
20.57	24.73
20.62	30.39
20.67	25.95
20.72	26.97
20.77	23.64
20.82	19.84
20.87	20.85
20.92	23.67
20.97	26.36
21.02	28.01
21.07	30.60
21.12	30.85
21.17	29.41
21.22	23.55
21.27	22.70
21.32	21.99
21.37	17.58
21.42	17.23
21.47	18.46
21.52	16.84
21.57	17.43
21.62	18.59
21.67	19.29
21.72	16.56
21.77	21.37
21.82	20.21
21.87	20.44
21.92	21.39
21.97	21.01
22.02	24.91
22.07	27.33
22.12	26.23
22.17	25.56
22.22	29.10
22.27	31.03
22.32	31.41
22.37	27.38
22.42	24.09
22.47	28.20
22.52	31.19
22.57	25.87
22.62	26.13
22.67	26.28
22.72	25.79

22.77	22.13
22.82	22.43
22.87	20.06
22.92	17.18
22.97	22.38
23.02	28.94
23.07	29.03
23.12	26.48
23.17	30.91
23.22	29.45
23.27	25.37
23.32	30.56
23.37	30.58
23.42	26.87
23.47	28.32
23.52	30.79
23.57	30.17
23.62	25.02
23.67	25.01
23.72	23.20
23.77	20.60
23.82	23.16
23.87	21.39
23.92	27.33
23.97	28.92
24.02	28.91
24.07	28.10
24.12	25.38
24.17	28.26
24.22	36.54
24.27	38.90
24.32	40.43
24.37	38.66
24.42	38.97
24.47	39.66
24.52	32.82
24.57	32.20
24.62	33.68
24.67	34.36
24.72	38.31
24.77	33.00
24.82	29.34
24.87	32.40
24.92	33.00
24.97	41.48
25.02	41.75
25.07	41.45
25.12	38.02
25.17	34.71
25.22	36.11
25.27	33.22
25.32	31.65
25.37	32.00
25.42	37.32
25.47	37.99

25.52	36.00
25.57	36.94
25.62	33.74
25.67	32.79
25.72	30.02
25.77	31.22
25.82	30.37
25.87	30.64
25.92	28.40
25.97	33.96
26.02	31.60
26.07	34.37
26.12	31.32
26.17	32.60
26.22	29.39
26.27	32.18
26.32	33.67
26.37	33.28
26.42	31.43
26.47	30.51
26.52	33.69
26.57	28.48
26.62	31.85
26.67	31.58
26.72	37.57
26.77	39.26
26.82	37.92
26.87	31.15
26.92	28.15
26.97	29.46
27.02	27.64
27.07	29.47
27.12	28.22
27.17	32.49
27.22	39.75
27.27	34.71
27.32	35.82
27.37	38.14
27.42	40.43
27.47	35.94
27.52	28.55
27.57	32.14
27.62	32.57
27.67	30.98
27.72	28.61
27.77	29.29
27.82	27.30
27.87	21.44
27.92	24.75
27.97	27.65
28.02	25.90
28.07	26.77
28.12	25.72
28.17	28.70
28.22	26.35

28.27	27.27
28.32	22.83
28.37	24.22
28.42	21.70
28.47	19.47
28.52	18.71
28.57	21.59
28.62	22.62
28.67	25.70
28.72	30.08
28.77	27.23
28.82	35.34
28.87	30.58
28.92	28.36
28.97	23.72
29.02	22.99
29.07	25.73
29.12	19.63
29.17	23.79
29.22	19.03
29.27	21.79
29.32	25.17
29.37	22.49
29.42	25.81
29.47	25.32
29.52	29.03
29.57	35.16
29.62	30.47
29.67	29.09
29.72	28.55
29.77	27.87
29.82	27.21
29.87	22.18
29.92	23.00
29.97	26.54
30.02	22.56
30.07	28.28
30.12	25.28
30.17	26.59
30.22	31.21
30.27	35.74
30.32	34.87
30.37	32.43
30.42	28.73
30.47	30.96
30.52	26.99
30.57	33.31
30.62	25.84
30.67	28.78
30.72	29.62
30.77	21.11
30.82	25.35
30.87	24.21
30.92	24.10
30.97	21.63

31.02	20.07
31.07	25.49
31.12	22.70
31.17	18.34
31.22	18.13
31.27	21.07
31.32	26.32
31.37	23.42
31.42	23.60
31.47	30.13
31.52	27.04
31.57	29.09
31.62	30.39
31.67	26.40
31.72	31.09
31.77	30.05
31.82	25.60
31.87	21.77
31.92	18.55
31.97	19.23
32.02	20.16
32.07	20.74
32.12	22.71
32.17	23.96
32.22	23.94
32.27	21.53
32.32	20.00
32.37	17.44
32.42	19.82
32.47	20.53
32.52	22.58
32.57	27.28
32.62	21.23
32.67	22.39
32.72	17.34
32.77	15.63
32.82	18.68
32.87	27.02
32.92	24.87
32.97	26.12
33.02	19.69
33.07	17.24
33.12	18.90
33.17	23.95
33.22	25.74
33.27	23.66
33.32	22.77
33.37	23.19
33.42	23.27
33.47	20.30
33.52	15.88
33.57	11.63
33.62	14.55
33.67	14.68
33.72	14.08

33.77	16.90
33.82	15.74
33.87	17.95
33.92	11.33
33.97	15.17
34.02	13.47
34.07	13.31
34.12	14.02
34.17	15.26
34.22	16.05
34.27	20.55
34.32	15.38
34.37	17.59
34.42	15.24
34.47	13.05
34.52	15.45
34.57	19.37
34.62	18.64
34.67	16.58
34.72	18.34
34.77	22.63
34.82	19.10
34.87	16.87
34.92	13.85
34.97	13.55
35.02	11.76
35.07	13.94
35.12	16.02
35.17	18.93
35.22	17.56
35.27	17.36
35.32	18.03
35.37	18.45
35.42	18.86
35.47	21.36
35.52	21.67
35.57	19.93
35.62	19.80
35.67	21.31
35.72	24.06
35.77	20.80
35.82	18.58
35.87	21.35
35.92	20.53
35.97	19.37
36.02	17.69
36.07	16.78
36.12	21.81
36.17	19.38
36.22	24.88
36.27	24.52
36.32	22.88
36.37	26.27
36.42	26.20
36.47	25.36

36.52	21.43
36.57	24.57
36.62	22.72
36.67	22.18
36.72	23.44
36.77	24.41
36.82	24.23
36.87	28.71
36.92	26.14
36.97	31.73
37.02	32.05
37.07	30.41
37.12	33.37
37.17	28.03
37.22	30.29
37.27	25.53
37.32	27.13
37.37	26.53
37.42	25.56
37.47	31.94
37.52	26.57
37.57	28.80
37.62	30.20
37.67	31.64
37.72	28.55
37.77	25.61
37.82	29.79
37.87	32.19
37.92	30.24
37.97	34.32
38.02	36.61
38.07	32.46
38.12	33.85
38.17	28.83
38.22	26.00
38.27	25.03
38.32	26.01
38.37	25.24
38.42	21.18
38.47	18.02
38.52	20.84
38.57	16.22
38.62	14.92
38.67	21.29
38.72	26.87
38.77	24.98
38.82	30.20
38.87	32.69
38.92	31.60
38.97	33.31
39.02	46.03
39.07	44.73
39.12	43.91
39.17	39.88
39.22	34.79

39.27	34.51
39.32	28.75
39.37	29.14
39.42	33.88
39.47	41.12
39.52	39.27
39.57	43.36
39.62	41.80
39.67	39.84
39.72	36.56
39.77	35.33
39.82	29.26
39.87	31.06
39.92	39.07
39.97	41.18
40.02	40.89
40.07	41.52
40.12	37.92
40.17	33.27
40.22	31.71
40.27	30.74
40.32	23.79
40.37	19.32
40.42	20.69
40.47	19.16
40.52	14.37
40.57	10.38
40.62	10.48
40.67	10.54
40.72	10.58
40.77	11.22
40.82	15.68
40.87	13.56
40.92	14.63
40.97	14.50
41.02	13.62
41.07	19.41
41.12	15.06
41.17	14.76
41.22	16.16
41.27	14.09
41.32	15.75
41.37	11.33
41.42	10.89
41.47	10.63
41.52	12.93
41.57	11.08
41.62	16.28
41.67	15.38
41.72	15.87
41.77	20.79
41.82	14.18
41.87	15.13
41.92	11.85
41.97	16.75

42.02	14.21
42.07	13.45
42.12	18.52
42.17	19.25
42.22	22.07
42.27	16.68
42.32	17.34
42.37	13.66
42.42	14.01
42.47	16.49
42.52	13.38
42.57	16.10
42.62	13.94
42.67	14.07
42.72	10.99
42.77	16.33
42.82	17.91
42.87	17.30
42.92	17.71
42.97	18.76
43.02	20.19
43.07	18.69
43.12	15.54
43.17	20.73
43.22	19.98
43.27	22.52
43.32	24.86
43.37	24.72
43.42	29.16
43.47	30.51
43.52	36.08
43.57	36.34
43.62	35.70
43.67	33.73
43.72	28.57
43.77	28.57
43.82	20.66
43.87	21.52
43.92	21.09
43.97	18.93
44.02	16.34
44.07	16.99
44.12	15.15
44.17	16.27
44.22	19.60
44.27	21.49
44.32	20.12
44.37	21.35
44.42	17.03
44.47	16.10
44.52	19.99
44.57	17.14
44.62	17.48
44.67	19.11
44.72	18.67

44.77	18.56
44.82	18.34
44.87	15.98
44.92	15.32
44.97	18.22
45.02	19.07
45.07	13.26
45.12	12.18
45.17	7.39
45.22	9.99
45.27	10.07
45.32	10.12
45.37	7.78
45.42	8.72
45.47	9.22
45.52	11.18
45.57	9.22
45.62	9.60
45.67	13.79
45.72	13.98
45.77	16.47
45.82	13.92
45.87	16.44
45.92	13.90
45.97	18.00
46.02	19.73
46.07	21.57
46.12	17.81
46.17	18.67
46.22	15.66
46.27	13.43
46.32	18.51
46.37	21.61
46.42	23.34
46.47	19.04
46.52	22.73
46.57	21.66
46.62	23.37
46.67	19.85
46.72	19.27
46.77	20.50
46.82	27.78
46.87	26.72
46.92	30.60
46.97	28.00
47.02	25.85
47.07	26.70
47.12	22.49
47.17	27.02
47.22	25.25
47.27	25.54
47.32	25.93
47.37	21.42
47.42	24.19
47.47	18.77

47.52	23.36
47.57	20.63
47.62	21.96
47.67	20.40
47.72	21.03
47.77	20.00
47.82	17.64
47.87	19.50
47.92	20.64
47.97	18.18
48.02	16.40
48.07	14.12
48.12	14.18
48.17	18.18
48.22	16.53
48.27	20.41
48.32	21.82
48.37	17.17
48.42	16.84
48.47	19.51
48.52	18.92
48.57	18.56
48.62	16.90
48.67	15.89
48.72	13.69
48.77	12.34
48.82	13.78
48.87	16.35
48.92	14.64
48.97	15.96
49.02	15.19
49.07	13.15
49.12	9.64
49.17	11.44
49.22	12.54
49.27	18.50
49.32	20.34
49.37	18.78
49.42	18.62
49.47	15.36
49.52	14.94
49.57	16.81
49.62	17.28
49.67	16.12
49.72	15.28
49.77	17.27
49.82	14.53
49.87	19.04
49.92	18.93
49.97	18.71
50.02	15.42
50.07	19.72
50.12	17.47
50.17	19.40
50.22	18.06

50.27	13.98
50.32	18.71
50.37	20.00
50.42	26.07
50.47	29.06
50.52	30.93
50.57	34.75
50.62	37.97
50.67	38.89
50.72	52.61
50.77	56.02
50.82	57.00
50.87	55.57
50.92	51.92
50.97	50.41
51.02	49.46
51.07	41.28
51.12	39.69
51.17	38.68
51.22	35.13
51.27	33.40
51.32	28.30
51.37	29.09
51.42	30.15
51.47	30.25
51.52	30.08
51.57	33.16
51.62	32.16
51.67	28.87
51.72	26.24
51.77	31.80
51.82	37.71
51.87	37.43
51.92	38.36
51.97	42.33
52.02	41.15
52.07	36.40
52.12	36.31
52.17	35.75
52.22	36.70
52.27	35.71
52.32	30.56
52.37	26.50
52.42	26.72
52.47	25.90
52.52	25.17
52.57	21.50
52.62	20.62
52.67	29.05
52.72	31.72
52.77	40.57
52.82	46.10
52.87	54.75
52.92	58.16
52.97	58.36

53.02	70.78
53.07	70.57
53.12	71.00
53.17	73.68
53.22	84.99
53.27	94.61
53.32	98.22
53.37	79.74
53.42	75.37
53.47	72.64
53.52	71.73
53.57	67.97
53.62	68.81
53.67	64.82
53.72	55.02
53.77	47.95
53.82	42.29
53.87	36.81
53.92	37.37
53.97	34.52
54.02	39.13
54.07	41.21
54.12	36.13
54.17	36.94
54.22	42.56
54.27	41.42
54.32	36.57
54.37	39.12
54.42	32.43
54.47	35.43
54.52	34.11
54.57	31.69
54.62	33.91
54.67	39.25
54.72	39.69
54.77	38.37
54.82	43.60
54.87	44.00
54.92	53.44
54.97	53.35
55.02	56.04
55.07	50.56
55.12	44.79
55.17	53.92
55.22	51.63
55.27	51.80
55.32	46.76
55.37	42.79
55.42	39.98
55.47	41.42
55.52	45.48
55.57	48.37
55.62	46.19
55.67	50.82
55.72	47.33

55.77	51.52
55.82	45.38
55.87	49.15
55.92	53.44
55.97	54.51
56.02	59.94
56.07	60.92
56.12	65.49
56.17	64.07
56.22	70.36
56.27	75.89
56.32	69.77
56.37	74.94
56.42	70.20
56.47	64.88
56.52	53.32
56.57	52.05
56.62	44.12
56.67	49.12
56.72	43.10
56.77	36.99
56.82	39.88
56.87	37.38
56.92	32.94
56.97	38.65
57.02	36.62
57.07	39.04
57.12	40.52
57.17	42.54
57.22	41.08
57.27	48.89
57.32	50.90
57.37	57.27
57.42	57.34
57.47	58.51
57.52	56.85
57.57	56.62
57.62	56.03
57.67	48.56
57.72	53.06
57.77	53.06
57.82	47.53
57.87	48.88
57.92	44.18
57.97	44.54
58.02	43.00
58.07	44.53
58.12	47.83
58.17	47.49
58.22	48.86
58.27	41.79
58.32	42.20
58.37	41.67
58.42	38.96
58.47	45.22

58.52	47.04
58.57	55.70
58.62	59.08
58.67	60.39
58.72	63.08
58.77	60.48
58.82	73.42
58.87	75.02
58.92	71.26
58.97	68.95
59.02	67.54
59.07	80.90
59.12	78.02
59.17	69.94
59.22	63.13
59.27	55.74
59.32	56.73
59.37	51.36
59.42	44.49
59.47	37.85
59.52	33.19
59.57	34.56
59.62	25.92
59.67	23.98
59.72	21.01
59.77	18.25
59.82	16.06
59.87	18.67
59.92	16.97
59.97	19.24
60.02	19.69
60.07	16.81
60.12	15.04
60.17	14.87
60.22	14.64
60.27	16.88
60.32	13.62
60.37	16.25
60.42	14.82
60.47	14.05
60.52	14.25
60.57	17.43
60.62	17.93
60.67	16.52
60.72	18.03
60.77	19.10
60.82	16.44
60.87	19.56
60.92	17.52
60.97	18.49
61.02	15.41
61.07	13.40
61.12	13.05
61.17	11.85
61.22	12.00

61.27	10.43
61.32	9.55
61.37	8.94
61.42	11.80
61.47	12.86
61.52	15.90
61.57	13.81
61.62	14.10
61.67	14.40
61.72	17.52
61.77	18.78
61.82	17.04
61.87	17.69
61.92	17.95
61.97	22.86
62.02	23.49
62.07	26.45
62.12	25.69
62.17	23.04
62.22	19.65
62.27	15.47
62.32	15.80
62.37	16.01
62.42	18.64
62.47	16.95
62.52	21.45
62.57	17.89
62.62	17.28
62.67	21.66
62.72	23.54
62.77	24.70
62.82	20.49
62.87	25.39
62.92	23.27
62.97	30.86
63.02	30.52
63.07	30.31
63.12	28.62
63.17	26.01
63.22	24.43
63.27	25.05
63.32	24.04
63.37	26.39
63.42	26.23
63.47	22.40
63.52	26.18
63.57	23.75
63.62	30.14
63.67	29.53
63.72	32.08
63.77	28.90
63.82	23.04
63.87	26.56
63.92	32.08
63.97	26.32

64.02	23.43
64.07	19.89
64.12	18.51
64.17	17.66
64.22	17.15
64.27	20.78
64.32	23.01
64.37	20.42
64.42	20.58
64.47	20.35
64.52	21.95
64.57	20.56
64.62	24.46
64.67	20.69
64.72	26.31
64.77	23.04
64.82	18.86
64.87	14.59
64.92	16.72
64.97	21.16
65.02	19.75
65.07	19.06
65.12	18.65
65.17	17.60
65.22	18.40
65.27	19.18
65.32	24.22
65.37	27.28
65.42	25.99
65.47	22.06
65.52	19.68
65.57	22.00
65.62	22.61
65.67	25.52
65.72	24.13
65.77	29.38
65.82	29.39
65.87	26.70
65.92	28.79
65.97	29.49
66.02	25.76
66.07	27.43
66.12	28.22
66.17	32.86
66.22	24.65
66.27	25.97
66.32	25.19
66.37	28.66
66.42	29.74
66.47	35.61
66.52	26.01
66.57	31.51
66.62	28.79
66.67	25.54
66.72	28.08

66.77	25.69
66.82	18.73
66.87	14.64
66.92	17.66
66.97	18.58
67.02	18.35
67.07	13.74
67.12	14.74
67.17	12.98
67.22	9.45
67.27	9.74
67.32	10.63
67.37	13.53
67.42	13.03
67.47	11.84
67.52	10.33
67.57	10.99
67.62	15.43
67.67	18.01
67.72	19.88
67.77	20.72
67.82	18.86
67.87	24.03
67.92	23.23
67.97	18.81
68.02	18.49
68.07	18.30
68.12	22.90
68.17	25.70
68.22	25.82
68.27	29.04
68.32	28.07
68.37	24.89
68.42	23.95
68.47	20.03
68.52	18.45
68.57	22.99
68.62	22.60
68.67	27.09
68.72	25.09
68.77	24.66
68.82	22.22
68.87	16.63
68.92	14.14
68.97	14.20
69.02	17.27
69.07	11.26
69.12	9.98
69.17	8.41
69.22	12.18
69.27	12.90
69.32	13.33
69.37	12.81
69.42	16.31
69.47	20.76

69.52	17.61
69.57	14.62
69.62	17.52
69.67	13.78
69.72	15.44
69.77	21.17
69.82	20.54
69.87	19.54
69.92	23.66
69.97	21.43
70.02	24.99
70.07	24.60
70.12	22.37
70.17	17.50
70.22	21.00
70.27	19.03
70.32	21.94
70.37	23.72
70.42	26.39
70.47	26.24
70.52	22.99
70.57	21.82
70.62	24.25
70.67	21.79
70.72	22.40
70.77	21.80
70.82	21.26
70.87	18.56
70.92	19.28
70.97	18.13
71.02	17.43
71.07	17.00
71.12	15.95
71.17	16.10
71.22	23.93
71.27	20.19
71.32	20.90
71.37	24.05
71.42	22.64
71.47	22.75
71.52	18.68
71.57	22.51
71.62	19.16
71.67	20.44
71.72	22.01
71.77	22.79
71.82	23.45
71.87	20.69
71.92	18.21
71.97	18.27
72.02	17.66
72.07	17.93
72.12	18.89
72.17	17.90
72.22	16.36

72.27	18.72
72.32	17.00
72.37	17.53
72.42	16.27
72.47	16.29
72.52	15.39
72.57	15.08
72.62	13.98
72.67	11.73
72.72	12.72
72.77	11.65
72.82	15.04
72.87	14.75
72.92	12.88
72.97	11.75
73.02	10.27
73.07	10.95
73.12	13.73
73.17	9.90
73.22	11.51
73.27	13.18
73.32	13.40
73.37	10.40
73.42	8.59
73.47	5.16
73.52	6.23
73.57	7.66
73.62	9.30
73.67	13.42
73.72	15.11
73.77	19.26
73.82	20.34
73.87	16.27
73.92	15.91
73.97	15.04
74.02	19.21
74.07	16.88
74.12	17.97
74.17	16.14
74.22	16.61
74.27	13.00
74.32	12.60
74.37	9.92
74.42	9.09
74.47	7.03
74.52	9.77
74.57	10.57
74.62	11.74
74.67	12.44
74.72	16.75
74.77	20.10
74.82	20.68
74.87	21.82
74.92	19.99
74.97	19.68

75.02	22.17
75.07	25.85
75.12	21.79
75.17	21.08
75.22	25.98
75.27	22.65
75.32	22.22
75.37	21.79
75.42	19.81
75.47	20.35
75.52	19.12
75.57	18.38
75.62	22.79
75.67	22.48
75.72	22.12
75.77	21.11
75.82	21.30
75.87	19.84
75.92	18.18
75.97	17.18
76.02	21.29
76.07	20.62
76.12	21.00
76.17	18.87
76.22	23.25
76.27	26.69
76.32	27.00
76.37	27.18
76.42	21.21
76.47	25.08
76.52	25.25
76.57	24.56
76.62	28.27
76.67	27.16
76.72	28.28
76.77	32.65
76.82	30.82
76.87	23.21
76.92	24.31
76.97	27.13
77.02	31.41
77.07	31.39
77.12	31.38
77.17	31.38
77.22	31.62
77.27	35.96
77.32	29.93
77.37	27.60
77.42	24.61
77.47	20.26
77.52	16.87
77.57	16.27
77.62	12.01
77.67	13.48
77.72	11.13

77.77	13.64
77.82	14.24
77.87	15.60
77.92	20.19
77.97	20.58
78.02	17.84
78.07	18.55
78.12	18.04
78.17	19.31
78.22	20.99
78.27	17.31
78.32	16.53
78.37	14.50
78.42	11.06
78.47	10.47
78.52	9.42
78.57	8.79
78.62	9.91
78.67	11.43
78.72	7.65
78.77	9.23
78.82	14.94
78.87	16.68
78.92	13.15
78.97	11.72
79.02	11.64
79.07	8.48
79.12	8.94
79.17	7.72
79.22	6.93
79.27	5.73
79.32	8.92
79.37	14.57
79.42	12.56
79.47	8.94
79.52	6.82
79.57	6.34
79.62	9.17
79.67	10.91
79.72	11.08
79.77	9.70
79.82	12.01
79.87	11.82
79.92	14.04
79.97	12.25
80.02	14.20
80.07	15.34
80.12	14.70
80.17	15.75
80.22	12.49
80.27	15.22
80.32	13.73
80.37	9.81
80.42	11.29
80.47	10.00

80.52	11.49
80.57	12.38
80.62	11.35
80.67	12.21
80.72	11.94
80.77	14.89
80.82	15.87
80.87	17.23
80.92	21.94
80.97	15.53
81.02	22.49
81.07	29.38
81.12	28.84
81.17	28.06
81.22	25.47
81.27	23.13
81.32	23.11
81.37	24.84
81.42	21.97
81.47	21.02
81.52	24.38
81.57	22.65
81.62	28.49
81.67	26.72
81.72	25.07
81.77	18.19
81.82	14.18
81.87	10.08
81.92	11.62
81.97	12.56
82.02	10.67
82.07	12.86
82.12	14.10
82.17	14.96
82.22	20.88
82.27	19.27
82.32	18.58
82.37	20.70
82.42	19.17
82.47	22.64
82.52	23.18
82.57	30.58
82.62	29.80
82.67	32.24
82.72	36.35
82.77	36.50
82.82	32.64
82.87	31.32
82.92	32.08
82.97	30.72
83.02	26.73
83.07	25.07
83.12	21.68
83.17	22.95
83.22	23.36

83.27	21.43
83.32	26.76
83.37	26.88
83.42	22.79
83.47	18.71
83.52	22.86
83.57	25.86
83.62	24.54
83.67	25.51
83.72	29.07
83.77	27.37
83.82	25.25
83.87	19.25
83.92	17.19
83.97	15.27
84.02	12.41
84.07	11.56
84.12	12.71
84.17	12.63
84.22	11.69
84.27	11.91
84.32	12.83
84.37	14.86
84.42	20.17
84.47	20.26
84.52	20.48
84.57	15.85
84.62	16.83
84.67	19.00
84.72	21.62
84.77	21.32
84.82	20.34
84.87	18.94
84.92	16.35
84.97	20.29
85.02	16.24
85.07	17.07
85.12	18.36
85.17	22.94
85.22	28.28
85.27	28.40
85.32	23.92
85.37	22.75
85.42	20.60
85.47	18.61
85.52	20.41
85.57	21.53
85.62	19.04
85.67	27.86
85.72	23.80
85.77	19.83
85.82	25.16
85.87	29.29
85.92	21.09
85.97	26.14

86.02	30.13
86.07	29.20
86.12	26.45
86.17	34.08
86.22	34.87
86.27	30.57
86.32	27.08
86.37	25.91
86.42	28.96
86.47	31.91
86.52	29.76
86.57	29.21
86.62	32.07
86.67	28.26
86.72	25.64
86.77	25.60
86.82	27.97
86.87	39.02
86.92	36.85
86.97	33.41
87.02	30.45
87.07	30.20
87.12	34.04
87.17	33.51
87.22	32.38
87.27	39.38
87.32	34.99
87.37	32.24
87.42	41.69
87.47	42.81
87.52	36.33
87.57	37.36
87.62	27.89
87.67	31.23
87.72	33.34
87.77	37.88
87.82	39.14
87.87	42.82
87.92	42.72
87.97	38.35
88.02	41.52
88.07	43.96
88.12	49.44
88.17	52.83
88.22	52.97
88.27	53.42
88.32	55.73
88.37	53.18
88.42	62.29
88.47	65.55
88.52	67.56
88.57	69.60
88.62	70.31
88.67	62.57
88.72	62.54

88.77	64.91
88.82	70.34
88.87	66.56
88.92	68.19
88.97	60.17
89.02	55.84
89.07	51.18
89.12	45.58
89.17	46.90
89.22	43.40
89.27	40.94
89.32	36.64
89.37	35.32
89.42	36.59
89.47	31.89
89.52	29.33
89.57	30.70
89.62	29.40
89.67	26.71
89.72	28.00
89.77	34.58
89.82	23.90
89.87	26.51
89.92	21.93
89.97	26.86
90.02	27.74
90.07	29.08
90.12	32.53
90.17	38.69
90.22	39.82
90.27	37.04
90.32	35.63
90.37	34.75
90.42	36.31
90.47	39.94
90.52	38.70
90.57	41.42
90.62	50.62
90.67	59.47
90.72	59.51
90.77	58.74
90.82	64.14
90.87	64.31
90.92	73.94
90.97	79.91
91.02	78.83
91.07	78.33
91.12	69.92
91.17	60.74
91.22	63.79
91.27	64.89
91.32	59.70
91.37	58.06
91.42	64.21
91.47	63.56

91.52	69.51
91.57	68.43
91.62	63.26
91.67	58.21
91.72	49.52
91.77	44.94
91.82	38.93
91.87	33.62
91.92	37.48
91.97	41.78
92.02	37.76
92.07	33.18
92.12	34.55
92.17	30.91
92.22	39.78
92.27	34.94
92.32	30.36
92.37	29.11
92.42	25.95
92.47	22.41
92.52	22.78
92.57	17.59
92.62	17.10
92.67	14.55
92.72	16.15
92.77	23.50
92.82	18.35
92.87	17.71
92.92	14.13
92.97	18.15
93.02	22.97
93.07	17.39
93.12	16.46
93.17	16.67
93.22	12.70
93.27	14.21
93.32	17.40
93.37	18.71
93.42	18.73
93.47	17.15
93.52	16.17
93.57	22.71
93.62	26.76
93.67	22.12
93.72	21.80
93.77	21.61
93.82	22.28
93.87	23.32
93.92	22.19
93.97	20.25
94.02	22.86
94.07	22.70
94.12	21.99
94.17	26.51
94.22	32.52

94.27	33.37
94.32	27.48
94.37	28.12
94.42	28.52
94.47	35.12
94.52	30.47
94.57	29.18
94.62	34.48
94.67	31.92
94.72	33.79
94.77	31.23
94.82	32.83
94.87	33.81
94.92	32.30
94.97	31.90
95.02	31.91
95.07	32.99
95.12	34.44
95.17	38.78
95.22	43.85
95.27	38.25
95.32	45.91
95.37	44.29
95.42	45.67
95.47	43.71
95.52	40.08
95.57	35.42
95.62	40.98
95.67	35.68
95.72	41.93
95.77	37.86
95.82	39.80
95.87	38.44
95.92	37.29
95.97	37.37
96.02	39.49
96.07	39.84
96.12	42.13
96.17	37.98
96.22	40.97
96.27	39.65
96.32	38.52
96.37	35.46
96.42	40.21
96.47	35.70
96.52	36.89
96.57	32.36
96.62	34.05
96.67	35.37
96.72	37.77
96.77	32.62
96.82	35.28
96.87	33.47
96.92	35.53
96.97	34.93

97.02	29.30
97.07	31.39
97.12	35.04
97.17	36.49
97.22	36.30
97.27	31.99
97.32	33.30
97.37	34.63
97.42	33.07
97.47	32.91
97.52	33.60
97.57	28.25
97.62	26.58
97.67	36.84
97.72	34.71
97.77	37.07
97.82	33.50
97.87	34.23
97.92	32.04
97.97	33.86
98.02	37.34
98.07	39.48
98.12	45.98
98.17	47.93
98.22	32.53
98.27	35.22
98.32	31.59
98.37	26.92
98.42	28.79
98.47	26.19
98.52	21.34
98.57	22.91
98.62	27.09
98.67	32.65
98.72	34.23
98.77	31.77
98.82	31.57
98.87	26.12
98.92	25.90
98.97	23.37
99.02	24.18
99.07	23.28
99.12	21.73
99.17	24.94
99.22	22.58
99.27	28.47
99.32	27.15
99.37	21.76
99.42	22.37
99.47	20.99
99.52	24.29
99.57	26.94
99.62	28.01
99.67	25.70
99.72	27.02

99.77	25.66
99.82	21.63
99.87	22.91
99.92	22.30
99.97	26.51
100.02	33.08
100.07	27.62
100.12	27.85
100.17	29.15
100.22	29.39
100.27	25.55
100.32	31.13
100.37	28.23
100.42	38.12
100.47	39.78
100.52	34.94
100.57	30.61
100.62	25.30
100.67	26.77
100.72	23.12
100.77	22.25
100.82	22.06
100.87	26.55
100.92	27.77
100.97	30.68
101.02	23.96
101.07	25.15
101.12	33.83
101.17	33.11
101.22	29.23
101.27	26.24
101.32	25.77
101.37	26.48
101.42	29.32
101.47	28.69
101.52	35.23
101.57	31.59
101.62	27.49
101.67	27.34
101.72	21.87
101.77	20.68
101.82	27.09
101.87	25.71
101.92	22.26
101.97	30.67
102.02	31.93
102.07	31.13
102.12	28.00
102.17	30.03
102.22	33.67
102.27	32.75
102.32	32.44
102.37	31.98
102.42	32.50
102.47	31.48

102.52	32.19
102.57	31.04
102.62	31.62
102.67	25.35
102.72	24.42
102.77	28.61
102.82	32.79
102.87	28.00
102.92	26.06
102.97	24.07
103.02	28.39
103.07	23.13
103.12	26.82
103.17	24.74
103.22	27.22
103.27	25.58
103.32	22.98
103.37	30.68
103.42	34.07
103.47	33.00
103.52	32.07
103.57	34.14
103.62	34.63
103.67	32.55
103.72	31.01
103.77	28.72
103.82	26.72
103.87	27.66
103.92	31.96
103.97	27.72
104.02	25.68
104.07	23.64
104.12	24.16
104.17	24.29
104.22	22.97
104.27	24.54
104.32	24.52
104.37	22.32
104.42	20.96
104.47	27.86
104.52	22.00
104.57	24.55
104.62	21.36
104.67	21.78
104.72	19.67
104.77	24.08
104.82	21.87
104.87	25.26
104.92	24.17
104.97	22.29
105.02	23.14
105.07	22.26
105.12	20.75
105.17	22.20
105.22	23.27

105.27	27.90
105.32	27.37
105.37	30.21
105.42	25.04
105.47	29.57
105.52	31.56
105.57	30.89
105.62	32.37
105.67	33.27
105.72	29.87
105.77	29.60
105.82	32.91
105.87	32.81
105.92	37.49
105.97	34.83
106.02	40.01
106.07	39.53
106.12	44.77
106.17	42.79
106.22	42.82
106.27	38.88
106.32	34.60
106.37	37.51
106.42	37.21
106.47	46.96
106.52	50.91
106.57	48.98
106.62	51.35
106.67	50.03
106.72	62.27
106.77	64.24
106.82	59.91
106.87	57.26
106.92	51.25
106.97	49.19
107.02	41.64
107.07	42.11
107.12	32.62
107.17	26.08
107.22	25.26
107.27	24.77
107.32	24.66
107.37	27.76
107.42	28.64
107.47	26.81
107.52	27.85
107.57	31.06
107.62	28.05
107.67	26.46
107.72	27.06
107.77	25.07
107.82	26.22
107.87	32.98
107.92	29.69
107.97	31.63

108.02	33.88
108.07	34.19
108.12	32.28
108.17	29.02
108.22	28.40
108.27	28.02
108.32	29.91
108.37	23.45
108.42	26.42
108.47	25.06
108.52	24.64
108.57	31.03
108.62	27.25
108.67	30.24
108.72	28.89
108.77	29.88
108.82	35.70
108.87	33.97
108.92	36.07
108.97	28.71
109.02	31.34
109.07	32.92
109.12	33.87
109.17	30.77
109.22	27.88
109.27	26.14
109.32	20.22
109.37	22.94
109.42	22.21
109.47	27.24
109.52	24.19
109.57	24.33
109.62	21.48
109.67	29.35
109.72	25.46
109.77	26.83
109.82	27.08
109.87	28.58
109.92	24.01
109.97	26.75
110.02	22.14
110.07	24.86
110.12	24.14
110.17	26.05
110.22	24.84
110.27	29.02
110.32	33.09
110.37	32.41
110.42	35.91
110.47	34.10
110.52	31.19
110.57	36.48
110.62	38.84
110.67	41.49
110.72	32.75

110.77	36.35
110.82	35.37
110.87	36.12
110.92	34.22
110.97	33.09
111.02	24.13
111.07	26.04
111.12	25.62
111.17	27.50
111.22	23.95
111.27	24.19
111.32	22.78
111.37	23.68
111.42	30.24
111.47	26.34
111.52	24.43
111.57	20.76
111.62	25.60
111.67	26.71
111.72	26.02
111.77	25.21
111.82	24.15
111.87	24.31
111.92	21.89
111.97	22.98
112.02	26.53
112.07	25.50
112.12	27.43
112.17	24.86
112.22	34.17
112.27	29.28
112.32	29.17
112.37	30.82
112.42	28.07
112.47	28.94
112.52	29.20
112.57	29.56
112.62	31.49
112.67	27.56
112.72	31.97
112.77	26.89
112.82	24.34
112.87	25.02
112.92	27.27
112.97	30.76
113.02	36.45
113.07	32.31
113.12	28.80
113.17	30.15
113.22	29.85
113.27	27.22
113.32	25.67
113.37	27.22
113.42	27.00
113.47	24.54

YTRM004U

113.52	27.40
113.57	28.92
113.62	35.00
113.67	33.90
113.72	30.79
113.77	28.53
113.82	28.45
113.87	26.80
113.92	11.34