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CONGER-1

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ESSO EXPLORATION AND PRODUCTION AUSTRALIA INC.

W989

WELL COMPLETION REPORT

CONGER-1

INTERPRETED DATA

VOLUME II

GIPPSLAND BASIN

VICTORIA

ESSO AUSTRALIA LTD

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CONGER-1

WELL COMPLETION REPORT

VOLUME II

(INTERPRETED DATA)

CONTENTS

GEOLOGICAL AND GEOPHYSICAL ANALYSES

1. SUMMARY OF WELL RESULTS

FORMATION/HORIZON TOPS	DEPTH		
	PREDRILL (MKB)	DRILLED (MKB)	(MSS)
Seaspray Group	86	85	-64
Latrobe Group	1827	1814	-1793
Top "Coarse Clastics"	1857	1831	-1810
51.5 MY Sequence Boundary	2103	2056	-2035
54.5 MY Sequence Boundary	2406	2343	-2322
60.0 MY Sequence Boundary	-	2750	-2729
67.0 MY Sequence Boundary	2776	2879	-2858
Total Depth	3021	2970	-2949

2. INTRODUCTION

The Conger structure is located on the Bream-Marlin trend, 6.3km NE of Swordfish-1 and 7.5km east of Cod-1. Conger is a large, WNW-ESE trending, fault dependent highside closure, downthrown to the NE. No closure exists at the top of "Coarse Clastics" with fault dependent closure interpreted from just above the 51.5 M.Y. sequence boundary to T.D. Nearly 900m of intra-Latrobe section was therefore considered to have hydrocarbon potential, providing that fault seal was effective.

No significant hydrocarbons were encountered and the well was plugged and abandoned.

Post drill analysis of the well, comparing it with other intra-Latrobe fault-sealed discoveries, suggests that the intra-Latrobe non-net section at Conger is more arenaceous than argillaceous, resulting in a leaky fault gouge. Hence, the fault was unable to seal a significant hydrocarbon column. It is possible that a small, sub-economic accumulation may still be present updip of the well location at the deeper Latrobe levels.

GEOLOGICAL ANALYSIS

3. STRUCTURE

The Latrobe Group was initially deposited in an E-W trending, well developed rift valley. The northern and southern margins of the rift corresponded with the basinward margins of the Strzelecki Terraces. Extension occurred in a NE-SW direction, resulting in fault-controlled subsidence with faults orientated NW-SE. The rift was asymmetrical, with maximum downfaulting occurring towards the north of the rift, along a trend which passes through Whiting, southern Snapper, Marlin/Turrum and Flounder. Thus, the Conger structure lies about 20 km south of the rift axis. Extensional faults in this area generally step down to the NE, towards Marlin. It is one of these extensional faults which forms the trap for Conger.

Breakup along the eastern margin of Australia left the Gippsland Basin as a failed rift. Subsidence and sedimentation rates gradually decreased, and the basin evolved into a marginal sag. The upper Latrobe Group was thus deposited under the progressive influence of the Tasman Sea, which encroached from the southeast.

The main phase of compression in the Gippsland Basin began late in the Eocene, roughly coincident with the end of Latrobe Group deposition. The compression formed most of the structural traps in the basin, and provided critical E-W dip closure for the Conger structure.

The Conger structure is situated on the southern highside of a NW-SE trending normal fault which transects the SW plunging nose of the Bream-Marlin anticlinal trend. No closure is evident at the top of Latrobe Group. Closure against the fault occurs from just above the 51.5 M.Y. sequence boundary to TD. The fault shows an increase in throw with depth, with movement on the fault having ceased by about 48 M.Y.

4. Stratigraphy

Stratigraphy at Conger-1 was similar to that intersected at the adjacent wells, Swordfish-1, Veilfin-1 and Cod-1.

A thick sequence of limestones and marls made up the Seaspray Group.

The uppermost unit of the Latrobe Group is the Gurnard Formation. At Conger-1, similar to the nearby wells, it comprised 17m of glauconitic siltstone.

Between the Gurnard Formation and the 51.5 M.Y. sequence boundary the Latrobe Group consists of predominantly foreshore and estuarine sands with interbeds of lower coastal plain silts, sands and coals, and minor thin offshore shales.

The section below the 51.5 M.Y. sequence boundary to 2610m (*M. diversus* - lower *L. balmei*) is dominated by upper coastal plain deposits of siltstone, sandstone and coal. This interval is characterised by thin coals (< 3m) and sands deposited in a less energetic environment than that above or below. There are very few reservoir-quality sandstones within this interval.

From the base of the lower *L. balmei* section to TD, thick, lower coastal plain sandstones with interbeds of siltstone and coal again dominate the section.

As stated previously, the overall section was very similar to that intersected in nearby wells. However, although a low-net-to-gross section was encountered, it was observed that the non-net intervals were silty and coaly, rather than being clay-rich. Due to this, it is believed the fault gouge was leaky at Conger-1.

5. HYDROCARBONS

No moveable hydrocarbons were intersected in the Conger-1 well.

Trace to poor hydrocarbon shows were recorded over the Lower L. balmei and T. Longus zones. The best show was over the interval 2770-2775m where 30% moderately bright, blue white to green fluorescence with a very weak crush cut was described. Gas levels, however, actually decreased over this interval to 10.0 units (200 ppm = 1 unit). A core was cut after intersecting this show, but revealed no significant hydrocarbons.

Further trace fluorescence shows were observed below 2775m, as were gas shows of up to 250 units over a background of 25 units. However, log interpretation indicates these sands are water saturated, as is all of the prospective section.

Consequently the well was plugged and abandoned.

6. GEOPHYSICAL DISCUSSION

6.1 Pre-Drill Versus Post-Drill Analysis

Horizon	Predicted		Actual	
	2WT* (sec)	Depth (mSS)	2WT# sec	Depth (mSS)
Top of Latrobe Group	1.446	-1806	1.446	-1793
Top of "Coarse Clastics"	1.461	-1836	1.458	-1810
51.5 M.Y. Sequence boundary	1.593	-2082	1.605	-2035
54.5 M.Y. Sequence boundary	1.793	-2385	1.780	-2322
60.0 M.Y. Sequence boundary	-	-	2.012	-2729+
67.0 M.Y. Sequence boundary	2.007	-2755+	2.084	-2858+

*: Lag-corrected

#: Interpolated from Schlumberger's checkshot-tied, sonic drift-corrected time-depth listing.

+: The correlation of the 60.0 and 67.0 M.Y. horizons to surrounding wells was changed post-drill. The 60.0 M.Y. horizon on the enclosed map is equivalent to the 67.0 M.Y. horizon on the maps in the Authorisation To Drill.

The top of "Coarse Clastics", the key horizon for depth conversion was 26m high to prediction, primarily because of erroneous prediction of conversion factor (.945 pre-drill, .932 post-drill). The larger prediction errors for the deeper horizons are attributed to additional small errors in the prediction of intra-Latrobe interval velocities and lags.

6.2 Seismic Coverage

Seismic coverage for Conger is provided by the G88AJ (John Dory) "Recon" 3D survey and part of the G88A 2D survey. The 3D survey was recorded with a line spacing of 125m. Interpolation during processing reduced this spacing to 62.5m. The 2D data covers the southwestern corner of the 3D grid and the areas to the west and southwest. Most of the 2D lines were recorded with a spacing of approximately 1km and were oriented parallel to a Miocene high velocity channel which overlies the Latrobe Group in the southwestern part of the mapped area.

6.3 Time Interpretation

Five horizons were interpreted: base of high velocity channel, top of Latrobe Group "Coarse Clastics", 51.5 M.Y. sequence boundary, 54.5 M.Y.S.B. and 60.0 M.Y.S.B.

Well ties were made to five wells: Cod-1, Conger-1, Salmon-1, Swordfish-1 and Veilfin-1, using zero-phase synthetic seismograms. The 54.5 and 60.0 M.Y. horizons are below T.D. at Swordfish-1. The synthetic to seismic ties were good.

The 3D interpretation was performed on the GECO "CHARISMA" 3D interpretation system. Correlation along each fault block within the 3D volume was aided by the generation of a number of random, zig-zag lines adjacent to the faults.

2D and 3D data quality is good for the post-Latrobe, "Coarse Clastics" and 51.5 M.Y. horizons and confidence in the time interpretation is high. Data quality is also good at the 54.5 and 60.0 M.Y. levels over much of the 3D grid, however, there are some areas of poorer data and lower confidence at these deeper levels, particularly in the western and eastern parts of the grid.

The post-drill time interpretation of the Conger structure is unchanged. The time maps for the horizons below the high velocity channel show a large two-way time "pull-up" in the southwestern corner of the 3D grid, in the area below the channel. The time high which appears to correspond to the zone of maximum "pull-up" is east of Cod-1 and trends south-southeast parallel to the channel. Only the westernmost part of Conger is affected by the high velocity channel. Most of the Conger time closure is outside the area of "pull-up".

6.4 Velocity Analysis and Depth Conversion

Subsequent to the drilling of Conger-1 a re-interpretation of all of the VIC/P26 permit was completed. The enclosed structure maps were produced during this re-interpretation project. The velocity analysis and depth conversion techniques differed from those used pre-drill for Conger-1.

Depth conversion velocities for the top of "Coarse Clastics" were derived from two sources: for the southwestern part of the mapped area, below the high velocity channel, the SIERRA "SIVA" interval velocity analysis system was used. For the area outside the high velocity channel, a smoothed VNMO and conversion factor approach was used. The average velocity (VAVG) pictures derived from each of these two approaches were combined into one VAVG map for the depth conversion.

An average-velocity-difference method was used for the intra-Latrobe depth conversions. Maps showing the average-velocity-difference between the top of "Coarse Clastics" and each of the intra-Latrobe horizons were produced. Away from the wells these maps were contoured in accordance with a curve of well average-velocity-difference versus seismic interval two-way time. The intra-Latrobe depth conversions were then performed using intra-Latrobe VAVG maps produced by adding the average-velocity-difference to the "Coarse Clastics" VAVG.

6.5 Conclusion

Conger-1 tested a valid fault-dependent structural closure. The continuity of the Conger Fault is confirmed by the 3D grid. Likewise the existence of a structural nose is beyond dispute. The failure of the well to intersect hydrocarbons must be attributed to the inability of the fault to seal a significant hydrocarbon column.

FIGURES

CONGER-1

LOCALITY MAP

Scale 1:250,000

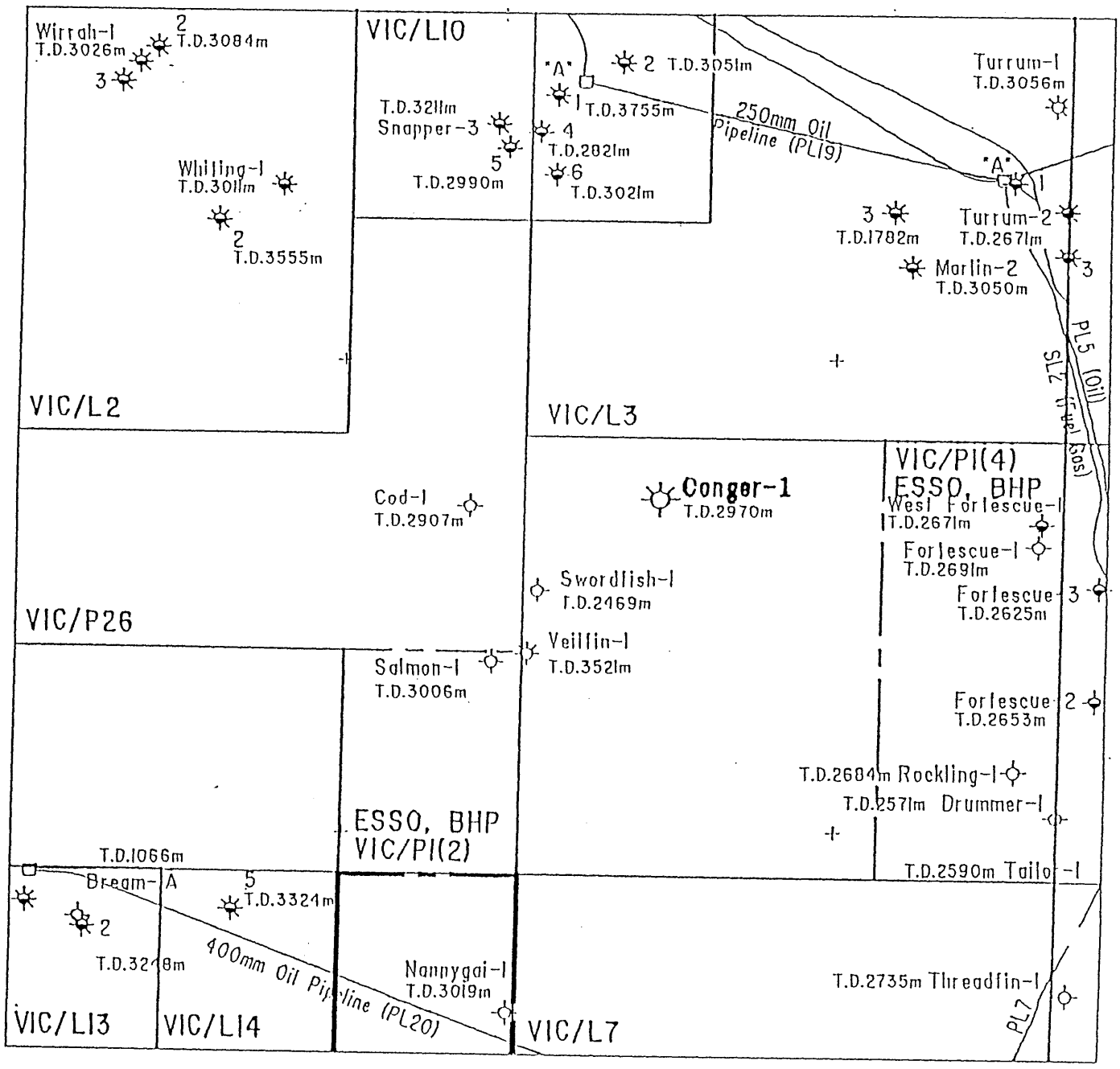

Figure 1

.GIPPS.LOCMAP.CONGER - 4/89

Dwg. 2428/OP/2

APPENDIX 1

APPENDIX-1

PALYNOLOGICAL ANALYSIS OF CONGER-1 GIPPSLAND BASIN.

by

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INTRODUCTION

Thirty-nine sidewall core samples were processed from Conger-1 and examined for spores, pollen and microplankton. Both oxidized organic residue yields and palynomorph concentrations were mostly moderate to high, and this was reflected in the moderate spores and pollen diversity recorded from the majority of samples. Average diversity was 23.9 species per sample. Low spore-pollen diversity correlates directly to the poorer preserved samples. Microplankton, principally dinoflagellates cysts were present in a majority of samples but their distribution in terms of abundance and diversity lacks a simple trend. Microplankton diversity is mainly low. Preservation of palynomorphs was satisfactory but gradually decreases with increasing depth.

Lithological units and palynological zones from base of Lakes Entrance Formation to T.D. are given in the following summary. Interpretative data with indentification of zones and confidence ratings are recorded in Table-1 and basic data on residue yields, preservation and diversity are recorded in Table-2. All species which can be identified with binomial names are tabulated on the accompanying range chart. Microplankton and algae microfossils are recorded on the left (numbers 1-55) while spores and pollen are recorded to the right (numbers 57-197) of the range chart.

PALYNOLOGICAL SUMMARY OF CONGER-1

AGE	UNIT/FACIES	SPORE-POLLEN ZONES (Dinoflagellate Zones)	DEPTH RANGE (mKB)
Oligocene	Lakes Entrance	*P. tuberculatus*	1800.0
	1814.0m		
Late Eocene	Latrobe Group (Gurnard facies)	Middle *N. asperus*	1816.0
Middle Eocene		Lower *N. asperus*	1819.0-1826.0
	1831.0m		
Early Eocene	Latrobe Group (Coarse clastic facies)	*P. asperopolus*	1860.0-1891.8
Early Eocene		Upper *M. diversus*	1960.0-2031.2
Early Eocene		Middle *M. diversus*	2057.6-2090.0
Early Eocene		Lower *M. diversus* (*A. hyperacanthum*)	2110.0-2215.0 (2215.0)
Paleocene		Upper *L. balmei* (*A. homomorphum*)	2251.0-2262.0 (2262.0-2376.0)
Paleocene		Lower *L. balmei*	2420.0-2790.0
Maastrichtian		Upper *T. longus* (*M. druggii*)	2858.5-2943.5 (2943.5)
	T.D. 2970.0m		

GEOLOGICAL COMMENTS

1. For purposes of discussion the Latrobe Group in Conger-1 is divided into the following informal lithological units:

UNIT	DEPTH	THICKNESS	CHARACTERISTIC
Gurnard Formation	1814m	17m	Glauconitic.
Transition beds	1831m	13m	Shaly sands.
Upper Sands	1844m	181m	66% sandstone.
Coal Measures	2025m	30m	50% coal.
Top Coastal Plain facies	2055m	555m	Mainly shaly. 8% coal.
Lower Sands	2610m	269m	52% sandstone.
Bottom Coastal Plain facies	2879m	91m+	Mainly shaly.

2. The Bottom Coastal Plain facies unit between 2879m to T.D. is predominantly a shaly unit with thin coals (maximum 1 metre thick), and without any significant sands. Only the deepest sidewall core was considered to have recovered a representative sample and this gave a Upper *T. longus* Zone assemblage. The *M. druggii* Zone is also identified in this sample on the presence of a single specimen of *Manumiella conoratum*. The low abundance and diversity of microplankton is consistent with a coastal plain environment and is similar to most of the microplankton occurrences in the Top Coastal Plains facies discussed below. The Bottom Coastal Plains facies is terminated by a massive sand at 2864-2879m and it is suggested that the base of this sand represents the "downwards shift" associated with the 67 Ma Sequence Boundary (Haq *et al.* 1987, 1988). A similar interpretation was proposed in Roundhead-1 (Partridge, 1989).

3. The Lower Sand unit between 2610-2879m is mostly sand. Several individual sands are over 10 metres in thickness. In contrast to the sections immediately underlying and overlying this unit can also be characterised by thick coals seams, including two over 5 metres thick at 2675-2681m and 2743.5-2750m. Palynological age control is poor because only 6 of the 15 sidewall cores shot over this interval gave reliable assemblages. Microplankton were only observed in sidewall cores from the siltstone unit between 2855-2865m (note: the non-marine dinoflagellate species in SWC at 2755m is interpreted as contamination). This siltsone unit is the most likely position in Conger-1 for the condensed section (*sensu* Loutit *et al.* 1988) at the Cretaceous/Tertiary boundary, characterised by the acme of the *M. druggii* Zone and a thin *T. evittii* Zone (see Partridge, 1989). It is unfortunate that the key species from the latter zones were not recorded from the two sidewall cores recovered from this siltstone unit.

4. The Top Coastal Plains facies between 2055-2610m starts within the Paleocene Lower *L. balmei* Zone and extends to the top of the Early Eocene Middle *M. diversus* Zone. The unit is predominately fine grained and is characterised by thin coals and sands. There are over fifty coals less than 3 metres thick fairly regularly spaced through this unit, while the sands at 2116-2122.5m and 2337-2343m are the only sands over 5 metres thick. In contrast to both underlying and overlying units marine microplankton occur in two-thirds of the samples analysed. The moderate abundance and diversity peaks in microplankton at the 2215m (*A. hyperacanthum* Zone) and 2567m (likely position of the *E. crassitabulata* Zone) are suggested to reflect the position of condensed sections within this coastal plain unit and should be key levels for correlation with adjacent wells (see discussion in Loutit *et al.* 1988). The *A. homomorphum* Zone in contrast is a different style of dinoflagellate zone. It is characterised by low species diversity, but marked changes in abundance of the zone species *Apectodinium homomorphum*. These samples are suggested to reflect the ephemeral but repetative occurrence of lacustrine or lagoonal environments on the coastal plain that are brackish rather than of normal marine salinity. The secondary diversity peaks of 4 to 5 species in the samples at 2090m, 2198m and 2542m, cannot be tied to any any specific similar occurrences in adjacent wells, and therefore they are not considered likely to reflect condensed sections. Their higher species diversity does however hint at more normal marine environments than assemblages recorded through the *A. homomorphum* Zone.

5. The thin coal measure unit between 2025-2055m is composed of 50% coal. The unit is distinguished from the underlying unit by the notable increase in the thickness of the individual coal seams, three of which are over 3 metres in thickness. These thicker coals suggest a short time interval of more stable environments. No dinoflagellates where recorded in the single sample analysed from this unit.

6. The Upper Sands unit is characterised by relatively thick blocky sands (the majority over 10 metres thick) separated by thinner coally coastal plain facies(?). The sands are interpreted to represent the incoming of beach/shoreface environments which are typical of the upper part of the Latrobe Group, excluding those areas where the top of the Latrobe Group has been significantly eroded by contemporaneous submarine canyons (Rahmanian *et al.* in press). What is unusual is that the only microplankton recorded in samples over this interval are forms interpreted as non-marine types, such as *Saeptodinium* sp. (see discussion in Harris, 1974). It is likely that the sidewall cores have all been selected in the most non-marine lithologies.

7. The base of the Gurnard Formation or facies in Conger-1 is picked at the top of porosity at 1831m, while the top is picked at the sharp drop on the gamma-ray log at 1814m, to give a total thickness of 17m. The three sidewall cores recovered from the unit can be characterised by containing a trace to abundant glauconite, a mineral not obvious in samples from either the overlying or underlying units. The microplankton assemblages present in the samples suggest that only the upper part of the Lower *N. asperus* Zone and lower part of the Middle *N. asperus* Zone are sampled.

   In the adjacent Swordfish-1 well the Gurnard Formation lies between 1998.9-2045.2m (6558-6710ft) and is 46.3m (152ft) thick. The reason for this nearly three-fold difference in thickness between these wells is because in Conger-1, a) different criteria were used to choose the the base of the Gurnard Formation; and b) the top of the Gurnard Formation is partly eroded or more condensed. The data to support these assertions can be found in a detailed comparison of the dinoflagellates found in Swordfish-1 and Conger-1.

   In Swordfish-1 the Gurnard Formation was divided into two informal units in Partridge (1977). The lower Unit B between 2030.0-2045.2m (6660-6710ft) lacked visible glauconite in the sidewall cores and

contains the *A. australicum* Zone (formerly *A. diktyoplokus*). Near the base of this interval is also found the key acritarch species *Tritonites tricornus* (Marshall & Partridge 1988, p.247). In the overlying Unit A between 1998.9-2030.0m (6558-6660ft), which can be characterised by the presence of glauconite, the lowest sidewall core at 2029.4m (6658ft) also contain a specimen of *Wilsonidinium echinosuturatum* which has subsequently been re-identified as *Wilsonidinium lineidentatum*. All these microplankton species mentioned together suggest an age older than the sample at 1826m in Conger-1, which contains *Tritonites inaequalis* (see range chart, fig.4 in Marshall & Partridge, 1987). It is therefore proposed that these older dinoflagellate assemblages may be absent from the Conger-1; or they may be present in the unit labelled Transition beds between 1831-1844m. These Transition beds justify recognition as a discrete unit as they show greater separation between the neutron porosity and bulk density logs than most of the underlying Upper Sands unit. It is unfortunate no reliable sidewall cores were recovered from the Transition beds (SWC 53 at 1833.5m is considered to have recovered only down hole cavings).

Swordfish-1 also contains microplankton assemblages in the Gurnard Formation which are younger than the assemblages recovered in Conger-1. In particular the occurrence of *Corrudinium incompositum* associated with *Stoveracysta (al. Eisenackia) ornata* at 2007.7m (6587ft) suggest an age younger than the sidewall core at 1816m in Conger-1 which contains *Schematophora speciosa*. There may be as much as 7 metres more section of younger Gurnard Formation in Swordfish-1 compared to Conger-1.

In conclusion, the microplankton evidence suggests that the section identified as Gurnard facies in Conger-1 between 1814-1831m correlates best with the interval between 2007.7-2029.4m (6587-6658ft) in the middle part of the Gurnard Formation in Swordfish-1.

BIOSTRATIGRAPHY

Zone and age-determinations have been made using criteria proposed by Stover & Partridge (1973), Helby *et al.* (1987) and unpublished observations made on Gippsland Basin wells drilled by Esso Australia Ltd.

Author citations for most spore-pollen species can be sourced from Stover & Partridge (1973, 1982), Helby *et al.* (1987) and Dettmann & Jarzen (1988) or other references cited herein. Species names followed by "ms" are unpublished manuscript names. Zone names have not been altered to conform with recent nomenclatural changes to nominate species such as *Forcipites* (al.*Tricolpites*) *longus* (Stover & Evans) Dettmann & Jarzen 1988. Author citations for dinoflagellates can be found in Lentin & Williams (1985, 1989).

Upper *Tricolpites longus* Zone: 2858.5-2943.5 metres Maastrichtian.

The deepest sidewall core in the well is no older than this zone on the presence of *Stereisporites (Tripunctisporis)* spp. and common to abundant *Gambierina rudata*. The top of the zone is picked at the LADs (Last Appearance Datums) of the indicator species *Proteacidites otwayensis* ms, *P. reticuloconcavus* ms and *Quadraplanus brossus* which all occur at 2858.5m.

Rare dinoflagellates are present in the three samples over this interval but the only age diagnostic form is the presence of a single specimen of *Manumiella conoratum* in the deepest sample which confirms the presence of the *M. druggii* Zone.

Lower *Lygistepollenites balmei* Zone: 2420.0-2790.0 metres Paleocene.

The nine samples assigned to this zone are characterised by frequent to abundant *Lygistepollenites balmei* and frequent to common *Phyllocladidites mawsonii*. The increase in abundance of these two species is the main criteria for placing the base of the zone at 2790.0m, as other indicator species are rare. Although the immediately underlying sample at 2831.5m contains a moderately diverse assemblage it lacks the above species abundances, while *Nothofagidites senectus* an indicator species for the underlying zone is only represented by a single specimen. The sample, therefore, cannot be confidently assigned to either the Lower *L. balmei* Zone or Upper *T. longus* Zone and is best left as indeterminate. The top of the zone is placed at 2420.0m at the LAD for *Tetracolporites verrucosus*.

Another important LAD is that for *Proteacidites angulatus* at 2576.0m. Low and moderate diversity dinoflagellate assemblages of marine character occur at 2542.0m and 2576.0m respectively. Although the key zone species was not identified it is suggested that this marine ingression represents the *E. crassitabulata* Zone of Partridge (1976) based principally on the common occurrence of *Glaphrocysta retiintexta* at 2576.0m.

Upper *Lygistepollenites balmei* Zone: 2251.0-2262.0 metres Paleocene.
and
Apectodinium homomorphum Zone: 2262.0-2376.0 metres Paleocene.

Only two samples can be confidently assigned to the Upper *L. balmei* Zone. The deepest contains the key FADs (First Appearance Datums) for *Cyathidites gigantis, Malvacipollis subtilis,* and *Proteacidites annularis,* while the FAD for *Cupanieidites orthoteichus* occurs in the shallower sample. The five samples over the interval 2280.0-2376.0m although confidently *L. balmei* Zone in age cannot be definitively assigned to either the Upper or Lower subdivisions because of the lack of key spore-pollen species. The rare to abundant presence of the dinoflagellate *Apectodinium homomorphum* (short spined variety) in all these samples suggest that most if not all this interval represents the Upper subdivision based on associations of spore-pollen and dinoflagellates in other wells.

Lower *Malvacipollis diversus* Zone: 2110.0-2215.0 metres Early Eocene.

Five samples are assigned to this zone which has very good confidence at its base, but falls to a lower confidence towards the top as the next younger zone is approached. The base of the zone is picked on the FADs of *Spinozonocolpites prominatus* (frequent) and *Intratriporopollenites notabilis* (rare). The shallower samples assigned to the zone are all characterised by frequent to common *Proteacidites grandis* and rely on the of absence of key FADs of species characteristic of the next younger zone for their assignment to the Lower subzone.

The deepest sample, at 2215.0m, also contains a microplankton assemblage referable to the *Apectodinium hyperacanthum* Zone. The key indicators for the zone are the eponymous species and *Fibrocysta bipolare*.

Middle *Malvacipollis diversus* Zone: 2057.6-2090.0 metres Early Eocene.

This interval is assigned to the Middle subdivision of the *M. diversus* Zone based on the FAD of *Proteacidites xestoformis* ms in the deepest sample. Other species whose usual FADs are in this zone are *Proteacidites kopiensis* and *Polycolpites esobalteus*. The deepest sample also contains abundant dinoflagellates, dominantly *Apectodinium homomorphum (sensu stricta)* which is characterised by longer spines than the variety found in the Paleocene *A. homomorphum* Zone. Unfortunately, this particular dinoflagellate assemblage has not yet been successfully used for correlation across the Gippsland Basin.

Upper *Malvacipollis diversus* Zone: 1960.0-2031.2 metres Early Eocene.

The base of this zone is picked at the first *in situ* appearance of *Poteacidites pachypolus* at 2031.2m. The other key species used to indicate the base of this zone is *Myrtaceidites tenuis* whose FAD occurs slightly shallower at 1997.8m where it is associated with the base of the *P. pachypolus* abundance or Acme zone. Only rare non-marine dinoflagellates were recorded in one sample in this zone.

Proteacidites asperopolus Zone: 1860.0-1891.8 metres Early Eocene.

The lower boundary of this zone is placed at the FAD for *Proteacidites asperopolus*. The only other significant species is *Santalumidites cainozoicus* whose FAD is in the uppermost Upper *M. diversus* Zone in other wells. A slightly delayed first occurrence for this latter species is not unusual. The *P. pachypolus* abundance or Acme extends to the top of the zone which can also be picked by the LADs for *Myrtaceidites tenuis* and *Proteacidites ornatus*. As for the underlying zone only rare non-marine microplankton were recorded from this zone.

Lower *Nothofagidites asperus* Zone: 1819.0-1826.0 metres Middle Eocene.

An increase in abundance of *Nothofagidites* spp. above the LAD of *M. tenuis* is basis for placing the base of the zone. Important FADs are *Nothofagidites falcatus* and *Tricolpites simatus* both in the deepest sample. Both samples also contain diagnostic marine microplankton assemblages consistent with their location in the Gurnard Formation or facies at the

top of the Latrobe Group. The deeper sample contains the important acritarch *Tritonites inaequalis* which suggests a stratigraphic position high within the Lower *N. asperus* Zone (Marshall & Partridge, 1987). This contrasts with the shallower sample which contains frequent *Areosphaeridium australicum* ms (= *Areosphaeridium* sp. cf. *A. diktyoplokus* of Marshall & Partridge 1987) and rare *Arachnodinium antarcticum* an association which suggests a slightly older age (see Marshall & Partridge, 1987; fig.4). Although it can be speculated that this reversal of species ranges may reflect contamination or inadvertent swapping of samples, it may just as likely reflect limited understanding of environmental constraints on microplankton ranges in the Gippsland Basin. The low palynomorph yields and the poor preservation precludes any additional work on these particular samples.

Middle *Nothofagidites asperus* Zone: 1816.0 metres **Late Eocene.**

A single sample is assigned to the Middle *N. asperus* Zone on occurrence of pollen *Proteacidites stipplatus* and the dinoflagellate *Schematophora speciosus* in a marine assemblage dominated by the dinoflagellate *Operculodinium centrocarpum*.

***Proteacidites tuberculatus* Zone: 1800.0 metres** **Oligocene.**

This sample is confidently assigned to the *P. tuberculatus* Zone based on the frequence occurrence of the spore *Cyatheacidites annulatus*.

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TABLE 1: Interpretative Palynological Data Conger-1, Gippsland Basin

Sheet 1 of 2

SAMPLE TYPE	DEPTH (M)	SPORE-POLLEN ZONE	DINOFLAGELLATE ZONE (OR ASSOCIATION)	CONFIDENCE RATING	COMMENT
SWC 60	1800.0	*P. tuberculatus*		0	*Cyatheacidites annulatus* frequent
SWC 58	1816.0	Middle *N. asperus*		1	Abundant *Operculodinium centrocarpum*
SWC 57	1819.0	Lower *N. asperus*		1	Frequent *Areosphaeridium australicum* ms.
SWC 55	1826.0	Lower *N. asperus*	(*T. inaequalis*)	1	
SWC 52	1860.0	*P. asperopolus*		1	LAD *Myrtaceidites tenuis*
SWC 51	1865.0	*P. asperopolus*		2	Common *Proteacidites xestiformis*
SWC 50	1891.8	*P. asperopolus*		1	FAD *Proteacidites asperopolus*
SWC 47	1960.0	Upper *M. diversus*		2	
SWC 46	1997.8	Upper *M. diversus*		1	Base *P. pachypolus* Acme
SWC 45	2011.0	Indeterminate		N/A	Fungal spores dominate
SWC 44	2031.2	Upper *M. diversus*		1	
SWC 43	2057.6	Middle *M. diversus*		2	
SWC 42	2090.0	Middle *M. diversus*		1	FAD *Proteacidites xestiformis*
SWC 41	2110.0	Lower *M. diversus*		2	
SWC 40	2142.0	Lower *M. diversus*		2	
SWC 39	2166.5	Lower *M. diversus*		1	Common *Proteacidites grandis*
SWC 38	2198.0	Lower *M. diversus*		1	Common *P. grandis*
SWC 37	2215.0	Lower *M. diversus*	*A. hyperacanthum*	0	*Spinozonocolpites prominatus* frequent
SWC 35	2251.0	Upper *L. balmei*		1	
SWC 34	2262.0	Upper *L. balmei*	*A. homomorphum*	0	FAD *Cyathidites gigantis*
SWC 33	2280.0	*L. balmei*	*A. homomorphum*	1	
SWC 31	2314.0	*L. balmei*	*A. homomorphum*	1	
SWC 30	2333.0	*L. balmei*	*A. homomorphum*	1	
SWC 29	2346.0	*L. balmei*	*A. homomorphum*	1	
SWC 28	2376.0	*L. balmei*	*A. homomorphum*	1	
SWC 26	2420.0	Lower *L. balmei*		1 ✓	
SWC 25	2454.0	Lower *L. balmei*		2	
SWC 23	2542.0	Lower *L. balmei*		1 ✓	

TABLE 1: Interpretative Palynological Data Conger-1, Gippsland Basin (cont.)

SAMPLE TYPE	DEPTH (M)	SPORE-POLLEN ZONE	DINOFLAGELLATE ZONE (OR ASSOCIATION)	CONFIDENCE RATING	COMMENT
SWC 22	2576.0	Lower *L. balmei*		1	Common *Glaphrocysta retiintexta*
SWC 21	2608.0	Lower *L. balmei*		2	
SWC 18	2673.0	Lower *L. balmei*		1	
SWC 16	2728.0	Lower *L. balmei*		1	
SWC 15	2742.0	Lower *L. balmei*		2	
SWC 14	2755.0	Lower *M. diversus*		N/A	SWC out of place
SWC 12	2790.0	Lower *L. balmei*		2	
SWC 9	2831.5	Indeterminate		N/A	Non-diagnostic assemblage
SWC 7	2858.5	Upper *T. longus*		1	LAD *Quadraplanus brossus*
SWC 5	2863.5	Indeterminate		N/A	Non-diagnostic assemblage
SWC 1	2943.5	Upper *T. longus*	*M. druggii*	0	

LAD = Last appearance datum.
FAD = First appearance datum.

PALYNOLOGY DATA SHEET

BASIN: GIPPSLAND ELEVATION: KB: +21.0 m GL: -65.0 m

WELL NAME: CONGER-1 TOTAL DEPTH: 2970.0 m

AGE	PALYNOLOGICAL ZONES	HIGHEST DATA					LOWEST DATA				
		Preferred Depth	Rtg	Alternate Depth	Rtg	Two Way Time	Preferred Depth	Rtg	Alternate Depth	Rtg	Two Way Time
NEOGENE	*T. pleistocenicus*										
	M. lipsis										
	C. bifurcatus										
	T. bellus										
PALEOGENE	*P. tuberculatus*						1800	0			
	Upper *N. asperus*										
	Mid *N. asperus*	1816	1				1816	1			
	Lower *N. asperus*	1819	1				1826	1			
	P. asperopolus	1860	1				1891.8	1			
	Upper *M. diversus*	1960	2				2031.2	1			
	Mid *M. diversus*	2057.6	2				2090	1			
	Lower *M. diversus*	2110	2				2215	0			
	Upper *L. balmei*	2251	1				2262	0			
	Lower *L. balmei*	2420	1				2790	2	2728	1	
LATE CRETACEOUS	Upper *T. longus*	2858.5	1				2943.5	0			
	Lower *T. longus*										
	T. lilliei										
	N. senectus										
	T. apoxyexinus										
	P. mawsonii										
	A. distocarinatus										
EARLY CRET.	*P. pannosus*										
	C. paradoxa										
	C. striatus										
	C. hughesi										
	F. wonthaggiensis										
	C. australiensis										

COMMENTS: DINOFLAGELLATE ZONES

A. hyperacanthum 2215.0 m

A. homomorphum 2262.0 - 2376.0 m

M. druggii 2943.5 m

CONFIDENCE RATING:

0: SWC or Core, Excellent Confidence, assemblage with zone species of spores, pollen and microplankton.

1: SWC or Core, Good Confidence, assemblage with zone species of spores and pollen or microplankton.

2: SWC or Core, Poor Confidence, assemblage with non-diagnostic spores, pollen and/or microplankton.

3: Cuttings, Fair Confidence, assemblage with zone species of either spores and pollen or microplankton, or both.

4: Cuttings, No Confidence, assemblage with non-diagnostic spores, pollen and/or microplankton.

NOTE: If an entry is given a 3 or 4 confidence rating, an alternative depth with a better confidence rating should be entered, if possible. If a sample cannot be assigned to one particular zone, then no entry should be made, unless a range of zones is given where the highest possible limit will appear in one zone and the lowest possible limit in another.

DATA RECORDED BY: A.D. PARTRIDGE DATE: SEPTEMBER 1989

DATA REVISED BY: _____ DATE: _____

BASIC DATA

TABLE-2: BASIC DATA

RANGE CHART

TABLE 2: Basic Palynological Data Conger-1, Gippsland Basin

Sheet 1 of 2

SAMPLE TYPE	DEPTH (M)	LAB NO.	LITHOLOGY	RESIDUE YIELD	PALYNOMORPH CONCENTRATION	PRESERVATION	NUMBERS S-P SPECIES*	MICROPLANKTON ABUNDANCE	MICROPLANKTON NO. SPECIES*
SWC 60	1800.0	78230 H	Calc. claystone	Moderate	Moderate	Poor	21+	Moderate	5+
SWC 58	1816.0	78230 F	Siltstone/trace glauconite	Low	High	Fair-good	32+	Moderate	12+
SWC 57	1819.0	78230 E	Siltstone/trace glauconite	Low	Low	Poor	12+	Low	6+
SWC 55	1826.0	78230 C	Siltst.-Clayst./abund. glauc.	Moderate	Moderate	Poor	33+	Moderate	10+
SWC 52	1860.0	78229 Z	Claystone	High	High	Poor	32+		
SWC 51	1865.0	78229 Y	Siltstone/Claystone	High	High	Good	33+	Very low	2
SWC 50	1891.8	78229 X	Siltstone/Claystone	High	Moderate	Fair-good	41+	Very low	1
SWC 47	1960.0	78229 U	Siltstone	High	Moderate	Fair	26+		
SWC 46	1997.8	78229 T	Siltstone	High	High	Fair-good	29+	Very low	1
SWC 45	2011.0	78229 S	Interlaminated sst./coal	Moderate	Very low	Good	4+		
SWC 44	2031.2	78229 R	Siltstone	Moderate	Low	Good	21+		
SWC 43	2057.6	78229 Q	Very fine grained sst.	Moderate	Moderate	Good	23+		
SWC 42	2090.0	78229 P	Carbonaceous siltstone	High	High	Fair-good	33+	Very high	5
SWC 41	2110.0	78229 O	Siltstone	Moderate	Moderate	Fair	28+	Low	1
SWC 40	2142.0	78229 N	Siltstone	High	Moderate	Poor-good	38+		
SWC 39	2166.5	78229 M	Siltstone	High	High	good	41+		
SWC 38	2198.0	78229 L	Interlaminated sst./slst.	High	Moderate	Fair-good	34+	Low	4
SWC 37	2215.0	78229 K	Carbonaceous siltstone	High	High	Poor-good	20+	Moderate	5+
SWC 35	2251.0	78229 I	Carbonaceous siltstone	High	High	Poor	37+		
SWC 34	2262.0	78229 H	Interbedded siltstone/sst.	High	Moderate	Fair-good	27+	High	1
SWC 33	2280.0	78229 G	Siltstone	Moderate	Moderate	Fair	14+	High	1
SWC 31	2314.0	78229 E	Siltstone	High	High	Fair	24+	Low	1
SWC 30	2333.0	78229 D	Micromicaceous siltst./clayst.	Moderate	Low	Poor-fair	11+	Moderate	1
SWC 29	2346.0	78229 C	Argillaceous siltstone	High	High	Fair-good	28+	Low	2
SWC 28	2376.0	78229 B	Argillaceous siltstone	High	Moderate	Fair	20+	Low	1
SWC 26	2420.0	78228 Z	Argillaceous siltstone	Moderate	High	Poor-fair	31+	Very low	1
SWC 25	2454.0	78228 Y	Sandy Siltstone	High	High	Good	26+		
SWC 23	2542.0	78228 W	Claystone	Moderate	Moderate	Poor	17+	Low	4+

TABLE 2: Basic Palynological Data Conger-1, Gippsland Basin (cont.)

Sheet 1 of 2

SAMPLE TYPE	DEPTH (M)	LAB NO.	LITHOLOGY	RESIDUE YIELD	PALYNOMORPH CONCENTRATION	PRESERVATION	NUMBERS S-P SPECIES*	MICROPLANKTON ABUNDANCE	MICROPLANKTON NO. SPECIES*
SWC 22	2576.0	78228 V	Siltstone	High	Moderate	Poor-good	25+	Moderate	8+
SWC 21	2608.0	78228 U	Carbonaceous siltstone	High	Low	Poor	8+		
SWC 18	2673.0	78228 R	Argillaceous siltstone	Moderate	Moderate	Poor	14+		
SWC 16	2728.0	78228 P	Carbonaceous siltstone	High	Moderate	Poor	13+		
SWC 15	2742.0	78228 O	Argillaceous siltstone	High	Moderate	Poor	18+		
SWC 14	2755.0	78228 N	Argillaceous siltstone	High	Moderate	Good	13+	Very low	1
SWC 12	2790.0	78228 L	Sandstone	High	Low	Poor-fair	19+		
SWC 9	2831.5	78228 I	Carbonaceous siltstone	High	Low	Poor	19+		
SWC 7	2858.5	78228 G	Micromicaceous siltstone	High	Moderate	Poor-good	30+	Low	2+
SWC 5	2863.5	78228 E	Siltstone	Moderate	Low	Poor	9+	Low	2
SWC 1	2943.5	78228 A	Argillaceous siltstone	High	Moderate	Poor-fair	19+	Very low	1

* Diversity:

Very Low	=	1- 5 species
Low	=	6-10 species
Moderate	=	11-25 species
High	=	26-74 species
Very High	=	75+ species

(ADP194)

PE902154

This is an enclosure indicator page.
The enclosure PE902154 is enclosed within the container PE902153 at this location in this document.

The enclosure PE902154 has the following characteristics:

ITEM_BARCODE	= PE902154
CONTAINER_BARCODE	= PE902153
NAME	= Palynological Range Chart Conger 1
BASIN	= GIPPSLAND
PERMIT	=
TYPE	= WELL
SUBTYPE	= DIAGRAM
DESCRIPTION	= Palynological Range Chart Conger 1
REMARKS	=
DATE_CREATED	=
DATE_RECEIVED	= 29/03/1990
W_NO	= W989
WELL_NAME	= Conger-1
CONTRACTOR	= ESSO
CLIENT_OP_CO	= Esso Australia Limited

(Inserted by DNRE - Vic Govt Mines Dept)

APPENDIX 2

CONGER 1

QUANTITATIVE LOG ANALYSIS

INTERVAL : 1825m - 2970m
ANALYST : A. R. GILBY
DATE : JUNE, 1989

CONGER 1

QUANTITATIVE LOG ANALYSIS

CONTENTS

CONGER 1

QUANTITATIVE LOG ANALYSIS

Wireline log data from the Conger 1 exploration well has been quantitatively analysed over the interval 1825-2970m MDKB for effective porosity and effective water saturation. Results are presented in the form of accompanying depth plots and tabular listings, and are summarised and discussed below. Conger 1 was interpreted to have no economic hydrocarbons and was subsequently plugged and abandoned.

LOGS USED

CALI	(Caliper)
GR	(gamma ray)
LLS	(shallow laterolog)
LLD	(deep laterolog)
MSFL	(micro-spherically focussed log)
RHOB	(bulk density)
NPHI	(neutron porosity)
DT	(sonic log)

ANALYSIS METHODOLOGY

Apparent total porosity was calculated using the sonic log in regions of bad hole and from density-neutron crossplot algorithms elsewhere. Similarly, shale volume was calculated using the gamma ray log response in regions of bad hole and from density-neutron separations elsewhere.

Water saturations were determined from the dual water relationship. Effective porosities and Sw values were derived from the apparent total porosity and Sw, calculated shale volume and apparent shale porosity.

ANALYSIS PARAMETERS

Tortuosity; 'a'		: 1.00
Cementation factor; 'm'		: 2.00
Saturation exponent; 'n'		: 2.00
Fluid density		: 1.00
Gamma Ray value in clean formation (grmin)		: 35
Gamma Ray value in shale (grmax)		: 130
Apparent bulk density of shale		: 2.54-2.60
Apparent neutron porosity of shale		: 0.30-0.36
Irreducible water saturation		: 0.025
Vsh upper limit for effective porosity		: 0.65
Logged total depth		: 2970m
Water depth		: 65m
KB height		: 21m
Salinity Zones	1825m - 2030m	: 35000ppm
	2031m - 2720m	: 25000ppm
	2721m - 2880m	: 15000ppm
	2881m - 2970m	: 10000ppm

DISCUSSION

Only one interval in Conger 1 intersected appreciable oil fluorescence. This occurred in core 1 cut between 2776 and 2794.5m. Up to 30% fluorescence with a very slow streaming cut and a thin ring residue was recorded at approximately 2788m. Log interpretation over this and other intervals, suggest the presence of minor residual hydrocarbons only.

Inaddition to the minor oil shows in Conger 1, three zones recorded a significant increase in gas over background gas. These occurred at approximately 2585m, 2715m and 2770m. These zones appear to be of high water saturations and no producible hydrocarbons are considered to be present.

SWC results confirm log and core analysis and subsequently Conger 1 was plugged and abandoned.

APPENDIX 1
ALGORITHMS & LOGIC USED IN THE QUANTITATIVE ANALYSIS

Initial Total Porosity and Shale Volume was calculated from the bulk density and neutron porosity log responses as follows:

```
vsh = ((nphi+0.04) - ((2.65-rhob)/(2.65-rhof)))/
      ((phinsh+0.04) - ((2.65-rhobsh)/(2.65-rhof)))
vsh = min(1,(max(0,vsh)))


h = (2.71-rhob) + (nphi*(rhof-2.71))
  if (h>=0)
    rhoma=2.71-(0.5*h)
  else
    rhoma=2.71-(0.64*h)
phit = max(0.001,(min(1,((rhoma-rhob)/(rhoma-rhof)))))
```

In intervals where the hole was ruggose and the density-neutron data was deemed to be invalid, Shale Volume derived from the Gamma Ray response and Porosity calculated from the Sonic Transit Time were substituted.

```
aa  =   max(0,(min(1,((gr-grmin)/(grmax-grmin)))))
bb  = max(0,(min(1,(1.7-sqrt(3.38-((aa+0.7)**2))))))
vsh = aa*aa + (1-aa)*bb

phis = 1-((dtma/dt)**(1/x))
    where dtma = 182.1
              x = 1.6
```

(after Raiga-Clemenceau et al. (paper G , 1986 SPWLA trans.))

The Apparent Salinity profile was derived from aRw back-calculated in clean sands from Archie's equation, assuming 100% Sw.

Swt (total Water Saturation) was calculated using the dual water relationship

$$1/rt = (swt^{**}n)*(phit^{**}m)/(a*rw)+swt^{**}(n-1)*(swb*(phit^{**}m)/a)*((1/rwb)-(1/rw))$$

This is solved for Sw by Newtons solution:

```
exsw=0
sw  =0.9
aa  =((phit**m)/(a*rw))
bb  =((swb*(phit**m)/a)*((1/rwb)-(1/rw)))
    repeat
      fx1=(aa*(sw**n))+(bb*(sw**(n-1)))-(1/rt)
      fx2=(n*aa*(sw**(n-1)))+((n-1)*bb*(sw**(n-2)))
         if((abs(fx2)) < 0.0001)
          fx2=0.0001
      swp=sw
      sw =swp-(fx1/fx2)
      exsw=exsw+1
    until (exsw > 4 or (abs(sw-swp)) <= 0.01)
swt=sw
```

Effective Porosity and Water Saturation were derived as follows:

```
 if (vsh > vshco){
  swt  = 1
  swe  = 1
  phie = 0
 }
 else {
   phie= max(0.0,(phit-(vsh*phish)))
   swe = max(swirr,( 1 - ((phit/phie)*(1-swt))))
   if (vsh > (vshco-0.2)){
      phie= phie*((vshco-vsh)/0.2)
      swe = 1-((1-swe)*((vshco-vsh)/0.2))
   }
 }
where vshco = 0.65
```

CONGER_1

ANALYSIS SUMMARY.

Net porosity cut-off.....: 0.100 volume per volume
Net water saturation cut-off..: 0.500 volume per volume

Net sand based on Porosity cut-off only.
Both Porosity and Sw cut-offs invoked when generating Hydrocarbon-Metres.

INTERVAL (mRKB) (top) -(base)	Gross (mtrs)	NET SAND Net (mtrs)	Net to Gross	Average Porosity	(Std.) (Dev.)	Average Sw	(Std.) (Dev.)	HYDRO-CARBON METRES
1829.6-1859.8	30.2	18.8	62 %	0.198	(0.049)	1.000	(0.246)	0.000
1864.6-1867.8	3.2	2.6	81 %	0.234	(0.049)	0.844	(0.032)	0.000
1870.2-1924.2	54.0	52.8	98 %	0.259	(0.038)	1.000	(0.430)	0.000
1925.0-1937.2	12.2	8.8	72 %	0.203	(0.041)	0.996	(0.085)	0.000
1940.4-1956.0	15.6	15.2	97 %	0.277	(0.020)	1.000	(0.374)	0.000
1961.2-1996.6	35.4	33.2	94 %	0.268	(0.038)	1.000	(0.438)	0.000
2001.2-2002.2	1.0	0.6	60 %	0.245	(0.005)	0.906	(0.003)	0.000
2004.6-2007.0	2.4	0.8	33 %	0.136	(0.010)	0.851	(0.013)	0.000
2008.0-2024.6	16.6	15.8	95 %	0.228	(0.052)	1.000	(0.281)	0.000
2029.6-2031.4	1.8	1.2	67 %	0.213	(0.049)	0.885	(0.012)	0.000
2034.4-2045.2	10.8	5.2	48 %	0.200	(0.054)	0.939	(0.061)	0.000
2055.2-2063.8	8.6	5.6	65 %	0.163	(0.042)	0.985	(0.116)	0.000
2067.6-2074.6	7.0	2.6	37 %	0.154	(0.033)	1.000	(0.100)	0.000
2087.0-2097.8	10.8	7.8	72 %	0.170	(0.039)	0.999	(0.069)	0.000
2101.0-2113.4	12.4	2.6	21 %	0.162	(0.035)	0.964	(0.069)	0.000
2114.6-2123.6	9.0	5.0	56 %	0.221	(0.054)	0.996	(0.087)	0.000
2127.6-2137.6	10.0	6.0	60 %	0.148	(0.030)	1.000	(0.285)	0.000
2142.0-2153.6	11.6	3.8	33 %	0.171	(0.052)	1.000	(0.320)	0.000
2157.4-2185.2	27.8	13.2	47 %	0.173	(0.048)	0.958	(0.068)	0.000
2188.2-2204.4	16.2	3.6	22 %	0.130	(0.020)	0.981	(0.059)	0.000
2207.8-2214.4	6.6	3.6	55 %	0.175	(0.040)	1.000	(0.452)	0.000
2223.4-2251.8	28.4	11.8	42 %	0.139	(0.029)	1.000	(0.185)	0.000
2256.6-2269.4	12.8	5.8	45 %	0.135	(0.022)	0.936	(0.043)	0.000
2271.6-2293.0	21.4	6.2	29 %	0.131	(0.018)	0.939	(0.041)	0.000
2294.2-2320.0	25.8	17.2	67 %	0.159	(0.040)	0.965	(0.093)	0.000
2321.4-2331.6	10.2	4.2	41 %	0.129	(0.025)	1.000	(0.089)	0.000
2333.6-2343.8	10.2	8.2	80 %	0.160	(0.036)	1.000	(0.258)	0.000
2346.6-2374.6	28.0	7.6	27 %	0.122	(0.016)	1.000	(0.083)	0.000
2378.0-2431.0	53.0	17.0	32 %	0.131	(0.023)	0.936	(0.066)	0.000
2433.0-2442.0	9.0	3.6	40 %	0.128	(0.025)	0.892	(0.050)	0.000
2443.2-2460.8	17.6	6.2	35 %	0.119	(0.017)	0.912	(0.033)	0.000
2463.0-2556.4	93.4	16.0	17 %	0.122	(0.019)	0.905	(0.070)	0.000
2560.6-2575.0	14.4	3.4	24 %	0.128	(0.019)	0.900	(0.062)	0.000
2581.2-2597.2	16.0	3.6	23 %	0.142	(0.029)	0.880	(0.052)	0.000
2609.6-2669.0	59.4	49.4	83 %	0.178	(0.031)	1.000	(0.285)	0.000
2689.4-2694.0	4.6	2.6	57 %	0.119	(0.016)	0.907	(0.081)	0.000
2706.4-2724.8	18.4	14.2	77 %	0.128	(0.017)	0.895	(0.101)	0.000
2766.4-2810.4	44.0	34.2	78 %	0.144	(0.021)	0.985	(0.082)	0.000
2831.8-2863.2	31.4	20.2	64 %	0.143	(0.017)	1.000	(0.357)	0.000
2864.6-2884.0	19.4	14.8	76 %	0.124	(0.015)	1.000	(0.423)	0.000
2886.8-2913.2	26.4	15.8	60 %	0.140	(0.031)	0.969	(0.124)	0.000

2915.4-2949.4	34.0	5.0	15 %	0.129 (0.018)	0.905 (0.079)	0.000

CONGER_1

Well Data Listing

Depth (mRKB)	GR api	RT ohmm	RHOB g/cc	NPHI frac	DT us/m	VSH frac	PHIE frac	SWE frac
1825.0	99	2.8	2.339	0.346	335	0.591	0.042	0.947
1825.2	98	2.7	2.330	0.354	337	0.602	0.035	0.952
1825.4	98	2.7	2.301	0.365	341	0.581	0.056	0.959
1825.6	104	2.8	2.317	0.388	345	0.677	0.000	0.969
1825.8	107	3.1	2.415	0.398	337	0.886	0.000	0.979
1826.0	102	3.2	2.459	0.381	327	0.914	0.000	0.988
1826.2	101	3.2	2.410	0.386	329	0.843	0.000	0.994
1826.4	101	3.1	2.399	0.411	334	0.897	0.000	0.998
1826.6	95	3.2	2.454	0.404	329	0.974	0.000	1.000
1826.8	87	3.3	2.485	0.382	319	0.966	0.000	1.000
1827.0	88	3.2	2.457	0.396	318	0.957	0.000	1.000
1827.2	88	3.1	2.445	0.396	319	0.935	0.000	1.000
1827.4	85	2.9	2.453	0.380	317	0.903	0.000	1.000
1827.6	82	3.0	2.461	0.361	314	0.860	0.000	1.000
1827.8	83	3.1	2.513	0.344	310	0.902	0.000	1.000
1828.0	89	3.3	2.564	0.346	306	1.000	0.000	1.000
1828.2	90	3.3	2.510	0.381	310	1.000	0.000	1.000
1828.4	93	3.1	2.459	0.384	317	0.923	0.000	1.000
1828.6	99	3.1	2.490	0.399	319	1.000	0.000	1.000
1828.8	102	3.2	2.523	0.399	307	1.000	0.000	1.000
1829.0	96	3.0	2.463	0.397	308	0.970	0.000	1.000
1829.2	87	2.7	2.376	0.409	315	0.849	0.000	1.000
1829.4	83	2.4	2.359	0.386	320	0.748	0.000	1.000
1829.6	77	2.4	2.376	0.338	311	0.637	0.008	1.000
1829.8	72	2.4	2.413	0.313	299	0.628	0.011	1.000
1830.0	71	2.4	2.434	0.300	290	0.627	0.010	0.996
1830.2	73	2.5	2.427	0.294	288	0.596	0.025	0.986
1830.4	74	2.4	2.405	0.287	293	0.536	0.062	0.969
1830.6	71	2.0	2.329	0.294	305	0.419	0.161	0.950
1830.8	72	1.7	2.241	0.342	311	0.402	0.213	0.932
1831.0	76	1.7	2.240	0.316	319	0.321	0.220	0.918
1831.2	78	2.0	2.307	0.297	311	0.388	0.176	0.907
1831.4	82	2.8	2.379	0.311	296	0.560	0.055	0.898
1831.6	81	3.3	2.414	0.304	281	0.605	0.022	0.886
1831.8	74	3.4	2.392	0.296	272	0.540	0.064	0.874
1832.0	63	3.2	2.377	0.282	273	0.471	0.116	0.866
1832.2	57	3.2	2.368	0.267	274	0.409	0.140	0.870
1832.4	56	3.2	2.377	0.259	272	0.401	0.135	0.890
1832.6	60	3.0	2.383	0.255	277	0.400	0.132	0.925
1832.8	68	2.6	2.355	0.240	285	0.306	0.154	0.970
1833.0	71	2.3	2.352	0.236	286	0.287	0.158	1.000
1833.2	75	2.2	2.442	0.245	280	0.477	0.081	1.000
1833.4	77	2.2	2.495	0.247	282	0.581	0.019	1.000
1833.6	81	2.3	2.478	0.236	274	0.515	0.047	1.000
1833.8	86	2.3	2.504	0.232	271	0.552	0.026	1.000
1834.0	90	2.3	2.448	0.249	267	0.500	0.066	1.000
1834.2	91	1.9	2.333	0.254	282	0.308	0.167	1.000
1834.4	91	1.6	2.259	0.258	299	0.182	0.220	1.000
1834.6	84	1.5	2.232	0.248	305	0.105	0.244	1.000
1834.8	81	1.5	2.232	0.258	303	0.133	0.241	1.000
1835.0	81	1.6	2.251	0.269	297	0.202	0.223	0.999
1835.2	79	1.9	2.295	0.275	292	0.299	0.190	0.994

1835.4	82	2.0	2.322	0.255	290	0.290	0.175	0.993
1835.6	90	1.9	2.285	0.245	291	0.191	0.204	0.995
1835.8	91	1.7	2.250	0.242	293	0.118	0.232	1.000
1836.0	83	1.6	2.247	0.237	295	0.099	0.236	1.000
1836.2	81	1.5	2.251	0.240	298	0.116	0.231	1.000
1836.4	81	1.6	2.254	0.251	298	0.153	0.226	1.000
1836.6	81	1.7	2.270	0.260	295	0.208	0.211	1.000
1836.8	77	1.9	2.312	0.260	293	0.287	0.181	1.000
1837.0	72	2.4	2.404	0.267	286	0.474	0.101	1.000
1837.2	68	3.0	2.498	0.266	274	0.643	0.002	1.000
1837.4	65	3.4	2.515	0.255	266	0.640	0.002	1.000
1837.6	60	3.4	2.496	0.246	263	0.579	0.020	1.000
1837.8	57	3.4	2.502	0.244	262	0.585	0.017	1.000
1838.0	57	3.5	2.511	0.244	263	0.600	0.012	1.000
1838.2	56	3.6	2.499	0.244	265	0.579	0.020	1.000
1838.4	51	3.6	2.487	0.246	265	0.562	0.028	1.000
1838.6	48	3.5	2.479	0.250	263	0.559	0.030	1.000
1838.8	51	3.4	2.460	0.261	266	0.558	0.035	1.000
1839.0	53	3.1	2.446	0.265	269	0.543	0.046	1.000
1839.2	55	3.0	2.458	0.235	269	0.476	0.073	1.000
1839.4	52	3.1	2.481	0.210	265	0.443	0.073	1.000
1839.6	48	3.3	2.481	0.214	263	0.453	0.072	1.000
1839.8	52	3.4	2.480	0.219	261	0.468	0.065	1.000
1840.0	59	3.4	2.494	0.213	259	0.477	0.055	1.000
1840.2	63	3.2	2.460	0.219	261	0.433	0.086	1.000
1840.4	86	2.6	2.391	0.247	283	0.388	0.128	1.000
1840.6	95	2.4	2.359	0.264	293	0.383	0.147	1.000
1840.8	80	2.5	2.392	0.260	294	0.433	0.124	1.000
1841.0	61	3.0	2.451	0.219	276	0.416	0.092	1.000
1841.2	53	3.5	2.478	0.190	260	0.378	0.079	1.000
1841.4	48	3.6	2.473	0.176	256	0.327	0.084	1.000
1841.6	43	3.4	2.468	0.174	256	0.312	0.088	1.000
1841.8	42	2.8	2.452	0.182	257	0.308	0.097	1.000
1842.0	42	2.5	2.423	0.213	266	0.346	0.112	1.000
1842.2	43	2.3	2.404	0.224	269	0.347	0.123	1.000
1842.4	45	2.3	2.423	0.213	270	0.346	0.112	1.000
1842.6	46	2.4	2.448	0.199	264	0.350	0.098	1.000
1842.8	46	2.4	2.445	0.218	263	0.403	0.096	1.000
1843.0	47	2.5	2.421	0.241	267	0.428	0.108	1.000
1843.2	48	2.6	2.373	0.256	270	0.386	0.138	1.000
1843.4	47	2.7	2.360	0.265	267	0.388	0.146	1.000
1843.6	44	1.6	2.427	0.234	260	0.416	0.106	1.000
1843.8	42	1.2	2.559	0.218	250	0.610	0.004	1.000
1844.0	38	1.1	2.538	0.208	250	0.540	0.020	1.000
1844.2	38	1.2	2.371	0.208	263	0.235	0.150	1.000
1844.4	39	1.5	2.311	0.205	280	0.120	0.195	1.000
1844.6	40	1.4	2.249	0.224	282	0.063	0.238	1.000
1844.8	39	1.4	2.194	0.232	281	0.000	0.277	1.000
1845.0	35	1.5	2.227	0.234	280	0.053	0.252	1.000
1845.2	32	1.4	2.260	0.246	280	0.149	0.223	1.000
1845.4	31	1.4	2.255	0.253	279	0.161	0.225	1.000
1845.6	30	1.4	2.258	0.248	278	0.151	0.224	1.000
1845.8	29	1.5	2.293	0.275	274	0.298	0.191	1.000
1846.0	31	1.5	2.293	0.284	274	0.325	0.189	1.000
1846.2	33	1.5	2.275	0.270	273	0.249	0.205	1.000
1846.4	34	1.5	2.250	0.259	274	0.172	0.226	1.000
1846.6	33	1.5	2.265	0.259	272	0.199	0.214	1.000
1846.8	32	1.5	2.282	0.255	271	0.214	0.204	1.000
1847.0	35	1.5	2.292	0.240	271	0.189	0.200	1.000

1847.2	36	1.5	2.296	0.242	271	0.205	0.196	1.000
1847.4	34	1.5	2.263	0.235	269	0.121	0.224	1.000
1847.6	33	1.5	2.265	0.236	271	0.129	0.222	1.000
1847.8	34	1.5	2.260	0.230	272	0.102	0.227	1.000
1848.0	33	1.5	2.282	0.226	271	0.129	0.212	1.000
1848.2	35	1.7	2.281	0.210	268	0.080	0.217	1.000
1848.4	39	2.7	2.349	0.192	251	0.148	0.169	1.000
1848.6	38	4.5	2.455	0.158	221	0.239	0.100	1.000
1848.8	40	7.8	2.491	0.134	200	0.234	0.078	0.991
1849.0	42	9.5	2.480	0.131	206	0.204	0.086	0.975
1849.2	41	9.0	2.485	0.125	206	0.194	0.085	0.972
1849.4	39	11.6	2.516	0.101	203	0.181	0.067	0.980
1849.6	37	12.3	2.524	0.088	188	0.154	0.064	0.994
1849.8	38	4.2	2.434	0.106	181	0.046	0.127	1.000
1850.0	37	2.3	2.282	0.166	209	0.000	0.217	1.000
1850.2	35	1.5	2.191	0.232	268	0.000	0.278	1.000
1850.4	39	1.2	2.180	0.246	278	0.003	0.286	1.000
1850.6	39	1.4	2.258	0.180	252	0.000	0.232	1.000
1850.8	35	2.2	2.422	0.077	219	0.000	0.129	1.000
1851.0	33	4.7	2.556	0.020	190	0.009	0.055	1.000
1851.2	35	9.1	2.548	0.028	195	0.019	0.059	1.000
1851.4	36	7.1	2.498	0.053	194	0.003	0.091	1.000
1851.6	31	5.8	2.488	0.051	203	0.000	0.094	1.000
1851.8	29	6.9	2.500	0.031	200	0.000	0.081	1.000
1852.0	33	8.1	2.422	0.045	183	0.000	0.114	1.000
1852.2	36	3.3	2.294	0.104	215	0.000	0.187	1.000
1852.4	37	2.0	2.206	0.186	261	0.000	0.254	1.000
1852.6	39	1.2	2.176	0.233	302	0.000	0.284	0.997
1852.8	40	1.3	2.201	0.242	305	0.029	0.271	1.000
1853.0	40	1.3	2.206	0.226	304	0.000	0.270	1.000
1853.2	38	1.3	2.202	0.229	301	0.000	0.273	1.000
1853.4	38	1.3	2.219	0.226	301	0.015	0.261	1.000
1853.6	35	1.3	2.247	0.206	297	0.006	0.245	1.000
1853.8	34	1.3	2.253	0.201	293	0.003	0.242	1.000
1854.0	36	1.3	2.227	0.227	294	0.034	0.254	1.000
1854.2	36	1.2	2.221	0.236	299	0.049	0.256	1.000
1854.4	34	1.2	2.230	0.213	303	0.000	0.256	1.000
1854.6	36	1.2	2.212	0.206	303	0.000	0.260	1.000
1854.8	38	1.3	2.192	0.207	305	0.000	0.268	1.000
1855.0	39	1.4	2.221	0.216	304	0.000	0.260	1.000
1855.2	38	1.4	2.277	0.224	308	0.115	0.216	1.000
1855.4	37	1.3	2.293	0.230	299	0.161	0.202	1.000
1855.6	34	1.1	2.363	0.217	297	0.251	0.153	1.000
1855.8	32	1.1	2.503	0.153	272	0.312	0.068	1.000
1856.0	30	1.0	2.698	0.073	230	0.426	0.000	1.000
1856.2	27	0.9	2.698	0.050	203	0.357	0.000	1.000
1856.4	30	0.9	2.591	0.094	195	0.295	0.017	1.000
1856.6	33	0.8	2.535	0.152	216	0.370	0.046	1.000
1856.8	34	0.8	2.508	0.209	246	0.490	0.045	1.000
1857.0	42	0.7	2.434	0.276	276	0.557	0.043	1.000
1857.2	63	0.8	2.296	0.310	289	0.408	0.181	1.000
1857.4	91	1.4	2.208	0.352	315	0.373	0.234	0.979
1857.6	103	5.1	2.243	0.347	319	0.421	0.210	0.916
1857.8	94	6.2	2.340	0.267	313	0.359	0.160	0.863
1858.0	75	5.5	2.364	0.225	287	0.274	0.151	0.829
1858.2	64	4.2	2.330	0.222	266	0.203	0.176	0.811
1858.4	61	3.3	2.304	0.238	273	0.205	0.191	0.806
1858.6	73	2.9	2.273	0.261	292	0.217	0.209	0.809
1858.8	88	2.5	2.259	0.265	303	0.204	0.218	0.818

1859.0	96	2.3	2.282	0.267	308	0.252	0.201	0.834
1859.2	101	2.7	2.324	0.294	305	0.409	0.165	0.858
1859.4	101	3.2	2.352	0.307	302	0.500	0.107	0.888
1859.6	98	4.2	2.385	0.324	305	0.611	0.022	0.921
1859.8	104	5.2	2.428	0.310	308	0.648	0.000	0.951
1860.0	104	6.3	2.457	0.281	310	0.614	0.014	0.975
1860.2	99	6.7	2.457	0.275	299	0.596	0.021	0.990
1860.4	98	7.2	2.457	0.279	297	0.607	0.016	0.997
1860.6	90	8.7	2.248	0.332	308	Coal		
1860.8	68	14.7	1.782	0.449	358	Coal		
1861.0	55	21.1	1.641	0.511	397	Coal		
1861.2	77	20.3	1.893	0.449	399	Coal		
1861.4	104	13.8	2.308	0.354	363	Coal		
1861.6	117	12.8	2.312	0.333	323	Coal		
1861.8	104	18.4	1.975	0.407	340	Coal		
1862.0	75	31.7	1.555	0.499	389	Coal		
1862.2	55	59.5	1.445	0.497	430	Coal		
1862.4	69	32.8	1.689	0.451	415	Coal		
1862.6	90	17.7	2.099	0.379	391	Coal		
1862.8	101	11.1	2.325	0.334	352	Coal		
1863.0	105	10.3	2.362	0.338	329	0.612	0.024	1.000
1863.2	110	11.0	2.362	0.335	318	0.602	0.031	1.000
1863.4	101	13.0	2.150	0.367	333	Coal		
1863.6	75	23.1	1.645	0.432	382	Coal		
1863.8	58	67.5	1.378	0.471	424	Coal		
1864.0	64	219.9	1.369	0.470	443	Coal		
1864.2	87	237.3	1.504	0.483	445	Coal		
1864.4	103	68.5	1.740	0.453	433	Coal		
1864.6	110	21.0	2.124	0.381	390	Coal		
1864.8	99	5.4	2.353	0.328	330	Coal		
1865.0	87	3.7	2.201	0.340	319	0.323	0.243	0.882
1865.2	88	3.6	2.119	0.354	332	0.218	0.300	0.850
1865.4	96	7.2	2.119	0.339	335	0.171	0.304	0.826
1865.6	94	14.9	2.112	0.341	350	0.164	0.310	0.811
1865.8	88	13.8	2.129	0.339	341	0.191	0.296	0.806
1866.0	75	8.3	2.285	0.274	339	0.280	0.197	0.808
1866.2	62	4.1	2.295	0.235	318	0.179	0.199	0.815
1866.4	54	2.9	2.274	0.228	288	0.122	0.217	0.825
1866.6	49	2.5	2.272	0.222	291	0.101	0.220	0.837
1866.8	50	2.6	2.289	0.205	287	0.079	0.212	0.850
1867.0	58	2.8	2.312	0.207	291	0.125	0.194	0.866
1867.2	73	3.1	2.331	0.214	292	0.182	0.177	0.886
1867.4	84	4.0	2.331	0.256	294	0.308	0.168	0.909
1867.6	81	6.5	2.105	0.381	319	Coal		
1867.8	64	11.8	1.650	0.480	367	Coal		
1868.0	39	31.5	1.374	0.502	409	Coal		
1868.2	34	50.1	1.344	0.554	439	Coal		
1868.4	46	19.9	1.552	0.526	422	Coal		
1868.6	58	6.1	1.941	0.390	379	Coal		
1868.8	54	3.1	2.185	0.288	344	Coal		
1869.0	50	2.3	2.242	0.239	316	0.095	0.000	0.967
1869.2	59	2.3	2.234	0.224	309	Coal		
1869.4	74	4.1	2.042	0.340	315	Coal		
1869.6	82	6.7	1.861	0.446	351	Coal		
1869.8	77	4.7	1.899	0.412	362	Coal		
1870.0	63	2.7	2.098	0.305	353	Coal		
1870.2	45	2.0	2.239	0.219	311	Coal		
1870.4	36	1.8	2.260	0.178	289	0.000	0.230	1.000
1870.6	35	1.7	2.241	0.177	284	0.000	0.237	1.000

1870.8	36	1.5	2.226	0.194	286	0.000	0.250	1.000
1871.0	38	1.4	2.229	0.201	289	0.000	0.251	1.000
1871.2	36	1.5	2.217	0.186	294	0.000	0.250	1.000
1871.4	30	1.6	2.210	0.181	287	0.000	0.251	1.000
1871.6	29	1.7	2.229	0.174	282	0.000	0.241	1.000
1871.8	31	1.7	2.266	0.161	278	0.000	0.221	1.000
1872.0	29	1.6	2.269	0.157	277	0.000	0.219	1.000
1872.2	28	1.5	2.257	0.177	278	0.000	0.231	1.000
1872.4	32	1.4	2.273	0.222	277	0.100	0.220	1.000
1872.6	33	1.3	2.271	0.224	280	0.105	0.221	1.000
1872.8	31	1.2	2.252	0.209	285	0.022	0.241	1.000
1873.0	29	1.2	2.271	0.197	282	0.024	0.229	1.000
1873.2	28	1.3	2.266	0.198	283	0.017	0.232	1.000
1873.4	28	1.4	2.211	0.213	279	0.000	0.263	1.000
1873.6	26	1.3	2.189	0.228	285	0.000	0.277	1.000
1873.8	26	1.2	2.208	0.227	289	0.000	0.270	1.000
1874.0	31	1.1	2.215	0.210	291	0.000	0.260	1.000
1874.2	32	1.0	2.220	0.201	295	0.000	0.255	1.000
1874.4	31	1.0	2.208	0.211	297	0.000	0.263	1.000
1874.6	31	1.0	2.197	0.217	298	0.000	0.270	1.000
1874.8	32	1.0	2.194	0.232	296	0.000	0.276	1.000
1875.0	34	1.0	2.186	0.235	298	0.000	0.281	1.000
1875.2	36	1.1	2.192	0.218	297	0.000	0.272	1.000
1875.4	34	1.1	2.212	0.196	294	0.000	0.256	1.000
1875.6	32	1.1	2.216	0.208	291	0.000	0.259	1.000
1875.8	30	1.0	2.195	0.223	293	0.000	0.273	1.000
1876.0	28	1.0	2.181	0.217	296	0.000	0.276	1.000
1876.2	28	1.0	2.170	0.222	300	0.000	0.282	1.000
1876.4	27	1.1	2.187	0.219	293	0.000	0.275	1.000
1876.6	31	1.1	2.206	0.217	291	0.000	0.267	1.000
1876.8	36	1.1	2.198	0.229	290	0.000	0.274	1.000
1877.0	36	1.0	2.170	0.255	293	0.012	0.292	1.000
1877.2	33	0.9	2.160	0.263	299	0.019	0.297	1.000
1877.4	32	1.0	2.167	0.276	300	0.070	0.287	1.000
1877.6	35	1.0	2.164	0.284	300	0.087	0.287	1.000
1877.8	38	0.9	2.154	0.276	302	0.046	0.298	1.000
1878.0	35	0.9	2.148	0.267	305	0.009	0.306	1.000
1878.2	33	0.9	2.148	0.277	306	0.039	0.302	1.000
1878.4	33	0.9	2.148	0.285	305	0.064	0.299	1.000
1878.6	35	0.9	2.146	0.289	305	0.071	0.300	1.000
1878.8	36	0.9	2.140	0.287	305	0.054	0.305	1.000
1879.0	37	0.9	2.129	0.261	304	0.000	0.312	1.000
1879.2	37	0.9	2.132	0.264	304	0.000	0.313	1.000
1879.4	37	0.9	2.136	0.265	304	0.000	0.311	1.000
1879.6	37	0.9	2.136	0.269	302	0.000	0.313	1.000
1879.8	36	0.9	2.130	0.269	301	0.000	0.315	1.000
1880.0	36	0.9	2.129	0.259	301	0.000	0.312	1.000
1880.2	39	0.9	2.134	0.259	301	0.000	0.310	1.000
1880.4	41	1.0	2.148	0.254	302	0.000	0.303	1.000
1880.6	40	1.0	2.147	0.243	301	0.000	0.299	1.000
1880.8	39	1.0	2.142	0.259	300	0.000	0.307	1.000
1881.0	42	1.0	2.152	0.250	301	0.000	0.300	1.000
1881.2	43	1.0	2.160	0.227	303	0.000	0.288	1.000
1881.4	44	1.0	2.159	0.241	306	0.000	0.293	1.000
1881.6	44	1.0	2.154	0.271	306	0.032	0.299	1.000
1881.8	45	1.0	2.156	0.277	305	0.053	0.296	1.000
1882.0	47	1.1	2.174	0.278	303	0.088	0.281	1.000
1882.2	45	1.1	2.186	0.255	302	0.042	0.279	1.000
1882.4	44	1.1	2.200	0.226	301	0.000	0.272	1.000

1882.6	41	1.2	2.210	0.216	300	0.000	0.264	1.000
1882.8	41	1.4	2.218	0.224	294	0.005	0.263	1.000
1883.0	44	1.4	2.234	0.234	289	0.067	0.247	1.000
1883.2	48	1.4	2.218	0.241	283	0.056	0.258	1.000
1883.4	50	1.3	2.205	0.247	285	0.051	0.266	1.000
1883.6	50	1.4	2.210	0.233	284	0.018	0.267	1.000
1883.8	48	1.4	2.221	0.230	287	0.031	0.259	1.000
1884.0	48	1.4	2.199	0.233	289	0.000	0.275	1.000
1884.2	46	1.3	2.191	0.220	290	0.000	0.273	1.000
1884.4	47	1.2	2.208	0.219	286	0.000	0.266	1.000
1884.6	45	1.2	2.214	0.223	281	0.000	0.265	1.000
1884.8	39	1.1	2.193	0.225	285	0.000	0.275	1.000
1885.0	36	1.2	2.200	0.233	289	0.001	0.275	1.000
1885.2	36	1.2	2.222	0.225	290	0.018	0.259	1.000
1885.4	35	1.2	2.211	0.230	288	0.012	0.267	1.000
1885.6	35	1.1	2.207	0.244	291	0.047	0.265	1.000
1885.8	35	1.1	2.205	0.239	293	0.030	0.268	1.000
1886.0	34	1.1	2.218	0.225	297	0.008	0.263	1.000
1886.2	34	1.1	2.216	0.203	298	0.000	0.257	1.000
1886.4	32	1.0	2.181	0.210	301	0.000	0.273	1.000
1886.6	30	1.0	2.158	0.246	305	0.000	0.296	1.000
1886.8	31	1.0	2.170	0.265	306	0.042	0.288	1.000
1887.0	34	1.0	2.186	0.251	306	0.030	0.280	1.000
1887.2	36	1.0	2.183	0.228	306	0.000	0.279	1.000
1887.4	39	0.9	2.180	0.223	308	0.000	0.278	1.000
1887.6	38	0.9	2.179	0.226	309	0.000	0.280	1.000
1887.8	35	0.9	2.182	0.223	308	0.000	0.278	1.000
1888.0	37	1.0	2.183	0.211	307	0.000	0.273	1.000
1888.2	37	1.0	2.195	0.202	304	0.000	0.265	1.000
1888.4	39	1.1	2.205	0.211	302	0.000	0.264	1.000
1888.6	43	1.1	2.214	0.233	299	0.026	0.263	1.000
1888.8	41	1.1	2.225	0.244	299	0.078	0.251	1.000
1889.0	39	1.0	2.214	0.241	300	0.051	0.261	1.000
1889.2	38	0.9	2.200	0.234	308	0.004	0.274	1.000
1889.4	37	1.0	2.200	0.209	310	0.000	0.265	1.000
1889.6	39	1.0	2.207	0.208	305	0.000	0.263	1.000
1889.8	40	1.0	2.208	0.225	305	0.000	0.268	1.000
1890.0	41	1.0	2.192	0.222	311	0.000	0.274	1.000
1890.2	43	1.0	2.162	0.223	321	0.000	0.286	1.000
1890.4	47	1.0	2.138	0.257	330	0.000	0.308	1.000
1890.6	65	1.1	2.172	0.284	335	0.105	0.280	1.000
1890.8	89	1.5	2.294	0.299	327	0.369	0.186	0.992
1891.0	112	2.6	2.385	0.304	308	0.553	0.058	0.956
1891.2	125	3.9	2.396	0.296	294	0.547	0.059	0.927
1891.4	128	3.9	2.357	0.282	297	0.435	0.145	0.913
1891.6	131	3.8	2.339	0.266	295	0.354	0.161	0.920
1891.8	132	3.7	2.397	0.237	291	0.372	0.126	0.949
1892.0	129	3.6	2.437	0.231	286	0.426	0.100	0.992
1892.2	124	2.8	2.403	0.231	287	0.366	0.123	1.000
1892.4	121	2.5	2.353	0.249	291	0.327	0.155	1.000
1892.6	111	1.7	2.339	0.266	296	0.354	0.161	1.000
1892.8	86	1.2	2.318	0.263	301	0.307	0.176	1.000
1893.0	55	1.0	2.289	0.250	307	0.216	0.199	1.000
1893.2	47	1.0	2.257	0.248	309	0.150	0.225	1.000
1893.4	49	1.0	2.224	0.247	311	0.088	0.251	1.000
1893.6	48	1.1	2.187	0.264	312	0.070	0.275	1.000
1893.8	42	1.0	2.156	0.279	319	0.061	0.295	1.000
1894.0	42	0.9	2.168	0.278	319	0.078	0.286	1.000
1894.2	43	0.9	2.206	0.239	319	0.030	0.268	1.000

1894.4	41	0.9	2.192	0.240	318	0.009	0.278	1.000
1894.6	40	0.9	2.137	0.269	316	0.000	0.313	1.000
1894.8	40	0.9	2.120	0.269	317	0.000	0.319	1.000
1895.0	37	0.9	2.137	0.280	317	0.028	0.310	1.000
1895.2	36	0.9	2.180	0.297	318	0.157	0.270	1.000
1895.4	34	0.9	2.245	0.286	316	0.243	0.224	1.000
1895.6	31	1.0	2.184	0.264	311	0.065	0.278	1.000
1895.8	31	1.0	2.128	0.266	306	0.000	0.315	1.000
1896.0	35	1.0	2.153	0.268	303	0.021	0.301	1.000
1896.2	35	1.0	2.208	0.270	304	0.127	0.256	1.000
1896.4	33	1.1	2.230	0.265	308	0.153	0.240	1.000
1896.6	34	1.1	2.244	0.243	308	0.111	0.237	1.000
1896.8	33	1.1	2.263	0.232	300	0.113	0.225	1.000
1897.0	34	1.1	2.265	0.225	300	0.096	0.225	1.000
1897.2	35	1.1	2.264	0.216	298	0.066	0.229	1.000
1897.4	35	1.2	2.250	0.207	298	0.013	0.242	1.000
1897.6	36	1.2	2.217	0.211	300	0.000	0.260	1.000
1897.8	36	1.2	2.163	0.230	306	0.000	0.288	1.000
1898.0	39	1.2	2.131	0.255	306	0.000	0.310	1.000
1898.2	43	1.1	2.142	0.249	306	0.000	0.303	1.000
1898.4	42	1.1	2.159	0.221	308	0.000	0.286	1.000
1898.6	41	1.0	2.175	0.212	312	0.000	0.276	1.000
1898.8	37	1.0	2.186	0.231	316	0.000	0.279	1.000
1899.0	35	1.0	2.188	0.252	318	0.036	0.278	1.000
1899.2	33	0.9	2.180	0.247	319	0.006	0.286	1.000
1899.4	34	0.9	2.177	0.238	317	0.000	0.285	1.000
1899.6	40	0.9	2.173	0.252	316	0.010	0.290	1.000
1899.8	39	1.0	2.173	0.266	315	0.051	0.285	1.000
1900.0	36	1.0	2.168	0.263	315	0.033	0.291	1.000
1900.2	35	0.9	2.159	0.256	315	0.000	0.299	1.000
1900.4	36	0.9	2.155	0.250	317	0.000	0.298	1.000
1900.6	36	0.9	2.173	0.228	320	0.000	0.283	1.000
1900.8	37	1.0	2.189	0.228	316	0.000	0.277	1.000
1901.0	38	1.0	2.195	0.237	314	0.005	0.277	1.000
1901.2	42	1.0	2.193	0.234	309	0.000	0.278	1.000
1901.4	44	1.1	2.196	0.225	307	0.000	0.273	1.000
1901.6	43	1.1	2.193	0.223	306	0.000	0.274	1.000
1901.8	42	1.0	2.189	0.215	308	0.000	0.272	1.000
1902.0	40	1.0	2.187	0.209	311	0.000	0.271	1.000
1902.2	39	1.0	2.195	0.211	314	0.000	0.268	1.000
1902.4	42	1.0	2.214	0.231	314	0.020	0.264	1.000
1902.6	49	1.1	2.237	0.223	310	0.037	0.248	1.000
1902.8	57	1.3	2.252	0.212	304	0.031	0.240	1.000
1903.0	55	1.3	2.220	0.229	300	0.024	0.260	1.000
1903.2	47	1.1	2.184	0.241	306	0.000	0.283	1.000
1903.4	43	0.9	2.174	0.263	319	0.042	0.286	1.000
1903.6	42	0.9	2.176	0.288	323	0.124	0.276	1.000
1903.8	46	1.0	2.168	0.296	324	0.132	0.280	1.000
1904.0	46	1.0	2.161	0.277	322	0.064	0.291	1.000
1904.2	40	1.0	2.151	0.281	321	0.058	0.298	1.000
1904.4	39	0.9	2.158	0.275	321	0.051	0.295	1.000
1904.6	40	0.9	2.182	0.233	316	0.000	0.281	1.000
1904.8	41	1.0	2.200	0.211	313	0.000	0.266	1.000
1905.0	42	1.1	2.188	0.211	311	0.000	0.271	1.000
1905.2	49	1.2	2.196	0.213	307	0.000	0.269	1.000
1905.4	55	1.3	2.255	0.214	303	0.043	0.237	1.000
1905.6	53	1.4	2.281	0.211	300	0.082	0.217	1.000
1905.8	51	1.2	2.235	0.235	299	0.072	0.246	1.000
1906.0	55	1.3	2.225	0.240	302	0.066	0.253	1.000

1906.2	64	1.3	2.231	0.234	301	0.061	0.250	1.000
1906.4	70	1.3	2.235	0.221	303	0.029	0.250	1.000
1906.6	66	1.2	2.233	0.231	300	0.055	0.249	1.000
1906.8	59	1.1	2.208	0.246	305	0.055	0.264	1.000
1907.0	49	1.0	2.196	0.266	307	0.094	0.267	1.000
1907.2	42	1.0	2.197	0.249	310	0.043	0.272	1.000
1907.4	41	1.0	2.189	0.251	313	0.035	0.277	1.000
1907.6	43	1.1	2.206	0.262	312	0.098	0.261	1.000
1907.8	42	1.1	2.215	0.240	311	0.049	0.260	1.000
1908.0	42	1.1	2.208	0.212	311	0.000	0.264	1.000
1908.2	41	1.0	2.190	0.204	314	0.000	0.267	1.000
1908.4	38	0.9	2.186	0.222	315	0.000	0.276	1.000
1908.6	38	0.9	2.191	0.238	315	0.000	0.280	1.000
1908.8	41	0.9	2.190	0.242	319	0.010	0.279	1.000
1909.0	45	0.9	2.186	0.224	318	0.000	0.277	1.000
1909.2	39	0.9	2.160	0.223	317	0.000	0.287	1.000
1909.4	34	0.9	2.140	0.251	316	0.000	0.305	1.000
1909.6	35	0.9	2.152	0.260	317	0.000	0.304	1.000
1909.8	35	0.9	2.154	0.252	312	0.000	0.299	1.000
1910.0	34	0.9	2.158	0.248	310	0.000	0.296	1.000
1910.2	33	0.9	2.184	0.268	308	0.075	0.277	1.000
1910.4	35	1.0	2.206	0.248	307	0.057	0.265	1.000
1910.6	34	1.0	2.224	0.247	305	0.087	0.251	1.000
1910.8	36	1.0	2.176	0.258	309	0.032	0.286	1.000
1911.0	37	1.0	2.161	0.267	307	0.031	0.295	1.000
1911.2	34	1.0	2.192	0.270	307	0.097	0.269	1.000
1911.4	33	1.0	2.227	0.262	302	0.138	0.244	1.000
1911.6	31	1.1	2.219	0.247	301	0.080	0.255	1.000
1911.8	32	1.0	2.232	0.233	300	0.058	0.249	1.000
1912.0	33	1.0	2.241	0.234	302	0.077	0.242	1.000
1912.2	34	0.9	2.231	0.231	301	0.052	0.251	1.000
1912.4	36	1.0	2.242	0.220	297	0.038	0.245	1.000
1912.6	37	1.1	2.262	0.215	293	0.061	0.231	1.000
1912.8	35	1.1	2.270	0.212	289	0.065	0.225	1.000
1913.0	35	1.1	2.287	0.204	285	0.071	0.215	1.000
1913.2	37	1.1	2.299	0.212	280	0.117	0.203	1.000
1913.4	36	1.1	2.275	0.215	278	0.082	0.221	1.000
1913.6	35	1.1	2.248	0.225	279	0.064	0.239	1.000
1913.8	36	1.0	2.227	0.234	283	0.054	0.253	1.000
1914.0	35	1.0	2.194	0.229	288	0.000	0.275	1.000
1914.2	33	1.0	2.152	0.235	295	0.000	0.294	1.000
1914.4	33	1.0	2.134	0.253	296	0.000	0.308	1.000
1914.6	35	1.1	2.127	0.272	298	0.000	0.318	1.000
1914.8	36	1.1	2.179	0.290	295	0.132	0.274	1.000
1915.0	33	1.0	2.204	0.281	297	0.152	0.257	1.000
1915.2	31	1.0	2.195	0.266	296	0.093	0.268	1.000
1915.4	31	0.9	2.221	0.246	294	0.078	0.254	1.000
1915.6	31	0.9	2.238	0.231	296	0.064	0.245	1.000
1915.8	32	0.8	2.219	0.230	299	0.026	0.260	1.000
1916.0	33	0.9	2.203	0.228	299	0.000	0.271	1.000
1916.2	30	0.9	2.213	0.218	300	0.000	0.264	1.000
1916.4	29	1.1	2.242	0.196	294	0.000	0.244	1.000
1916.6	29	1.2	2.281	0.154	285	0.000	0.213	1.000
1916.8	30	1.2	2.290	0.132	280	0.000	0.200	1.000
1917.0	29	1.3	2.288	0.132	277	0.000	0.201	1.000
1917.2	29	1.2	2.300	0.130	278	0.000	0.196	1.000
1917.4	33	1.3	2.297	0.136	276	0.000	0.199	1.000
1917.6	32	1.2	2.287	0.153	279	0.000	0.210	1.000
1917.8	36	1.3	2.276	0.171	284	0.000	0.222	1.000

1918.0	46	1.5	2.284	0.191	281	0.029	0.220	1.000
1918.2	50	1.6	2.315	0.210	277	0.142	0.191	1.000
1918.4	50	1.5	2.323	0.229	273	0.214	0.179	1.000
1918.6	45	1.2	2.282	0.206	281	0.069	0.218	1.000
1918.8	40	1.1	2.243	0.180	290	0.000	0.238	1.000
1919.0	41	1.2	2.234	0.174	286	0.000	0.238	1.000
1919.2	41	1.2	2.244	0.168	282	0.000	0.232	1.000
1919.4	38	1.2	2.249	0.179	277	0.000	0.235	1.000
1919.6	36	1.1	2.249	0.193	279	0.000	0.240	1.000
1919.8	35	1.0	2.229	0.196	286	0.000	0.249	1.000
1920.0	34	1.0	2.192	0.196	294	0.000	0.264	1.000
1920.2	36	1.0	2.191	0.192	296	0.000	0.262	1.000
1920.4	36	1.0	2.213	0.206	293	0.000	0.260	1.000
1920.6	36	0.9	2.242	0.223	295	0.048	0.244	1.000
1920.8	37	1.0	2.245	0.227	293	0.067	0.240	1.000
1921.0	38	1.0	2.245	0.226	288	0.062	0.241	1.000
1921.2	38	1.1	2.239	0.225	283	0.048	0.246	1.000
1921.4	39	1.1	2.241	0.215	279	0.022	0.247	1.000
1921.6	35	1.1	2.265	0.205	276	0.034	0.231	1.000
1921.8	32	1.1	2.261	0.206	277	0.030	0.234	1.000
1922.0	32	1.1	2.246	0.214	281	0.027	0.244	1.000
1922.2	32	1.1	2.244	0.214	287	0.023	0.245	1.000
1922.4	29	1.0	2.255	0.201	288	0.007	0.240	1.000
1922.6	31	1.0	2.273	0.199	290	0.030	0.227	1.000
1922.8	48	1.2	2.318	0.191	282	0.088	0.194	1.000
1923.0	76	1.6	2.390	0.200	279	0.250	0.138	1.000
1923.2	102	2.5	2.428	0.238	281	0.434	0.105	1.000
1923.4	108	3.3	2.423	0.247	287	0.451	0.106	1.000
1923.6	111	3.7	2.428	0.228	290	0.402	0.107	1.000
1923.8	112	4.3	2.453	0.233	288	0.461	0.084	1.000
1924.0	110	4.6	2.462	0.262	291	0.569	0.031	1.000
1924.2	110	4.7	2.471	0.316	295	0.748	0.000	1.000
1924.4	105	4.5	2.501	0.336	298	0.862	0.000	0.983
1924.6	98	4.2	2.488	0.323	297	0.798	0.000	0.965
1924.8	99	4.3	2.440	0.311	291	0.677	0.000	0.947
1925.0	103	4.2	2.384	0.304	299	0.553	0.059	0.933
1925.2	112	4.4	2.377	0.307	303	0.548	0.064	0.926
1925.4	122	4.4	2.421	0.307	300	0.629	0.010	0.927
1925.6	123	4.0	2.423	0.306	291	0.631	0.009	0.939
1925.8	113	2.2	2.298	0.358	296	0.558	0.078	0.962
1926.0	90	1.6	2.203	0.354	330	0.371	0.238	0.996
1926.2	71	1.3	2.222	0.282	337	0.191	0.241	1.000
1926.4	57	1.3	2.262	0.197	312	0.007	0.236	1.000
1926.6	50	1.4	2.274	0.187	285	0.000	0.229	1.000
1926.8	46	1.3	2.267	0.193	278	0.001	0.233	1.000
1927.0	44	1.4	2.280	0.181	279	0.000	0.224	1.000
1927.2	45	1.5	2.282	0.185	279	0.008	0.223	1.000
1927.4	47	1.4	2.266	0.195	284	0.006	0.234	1.000
1927.6	50	1.3	2.266	0.203	288	0.031	0.231	1.000
1927.8	50	1.2	2.276	0.220	289	0.103	0.218	1.000
1928.0	50	1.1	2.249	0.229	287	0.077	0.237	1.000
1928.2	48	1.1	2.217	0.238	289	0.046	0.260	1.000
1928.4	46	1.0	2.205	0.246	293	0.050	0.266	1.000
1928.6	42	1.0	2.214	0.242	295	0.053	0.260	1.000
1928.8	41	0.9	2.226	0.253	296	0.107	0.248	1.000
1929.0	43	1.0	2.242	0.249	302	0.126	0.237	1.000
1929.2	60	1.3	2.297	0.267	304	0.282	0.190	1.000
1929.4	91	1.9	2.387	0.305	304	0.561	0.053	1.000
1929.6	115	2.9	2.436	0.308	303	0.657	0.000	1.000

1929.8	99	3.1	2.406	0.262	295	0.465	0.106	1.000
1930.0	74	2.4	2.347	0.213	293	0.210	0.166	1.000
1930.2	69	2.1	2.323	0.220	287	0.186	0.182	1.000
1930.4	70	2.0	2.312	0.234	289	0.210	0.186	1.000
1930.6	71	1.9	2.285	0.238	290	0.174	0.206	0.990
1930.8	79	1.9	2.285	0.239	293	0.176	0.206	0.960
1931.0	93	2.3	2.324	0.256	292	0.296	0.174	0.928
1931.2	110	3.0	2.365	0.288	293	0.470	0.125	0.898
1931.4	121	4.0	2.368	0.286	290	0.469	0.124	0.877
1931.6	131	4.2	2.376	0.268	290	0.429	0.135	0.867
1931.8	142	4.3	2.410	0.276	286	0.516	0.074	0.867
1932.0	150	5.1	2.437	0.290	282	0.608	0.019	0.873
1932.2	151	5.9	2.435	0.272	277	0.548	0.048	0.882
1932.4	149	4.8	2.425	0.251	274	0.467	0.096	0.892
1932.6	142	3.2	2.386	0.246	277	0.380	0.132	0.903
1932.8	142	2.7	2.327	0.234	285	0.237	0.176	0.917
1933.0	147	2.7	2.327	0.216	290	0.182	0.180	0.933
1933.2	140	2.9	2.353	0.207	287	0.202	0.163	0.946
1933.4	111	2.5	2.330	0.215	284	0.185	0.178	0.953
1933.6	81	1.9	2.279	0.226	288	0.123	0.214	0.949
1933.8	70	1.6	2.250	0.232	299	0.091	0.235	0.934
1934.0	85	1.8	2.257	0.246	299	0.143	0.226	0.914
1934.2	115	2.3	2.252	0.285	308	0.252	0.219	0.898
1934.4	130	3.5	2.252	0.343	326	0.429	0.206	0.894
1934.6	128	6.6	2.252	0.376	346	0.528	0.120	0.904
1934.8	131	8.6	2.174	0.369	353	Coal		
1935.0	133	13.2	2.149	0.379	357	Coal		
1935.2	132	15.9	2.023	0.444	368	Coal		
1935.4	121	10.0	1.980	0.396	378	Coal		
1935.6	101	3.5	2.083	0.283	366	Coal		
1935.8	82	1.8	2.244	0.234	339	0.086	0.239	0.948
1936.0	81	1.7	2.244	0.254	317	0.146	0.233	0.927
1936.2	89	1.9	2.244	0.244	310	0.114	0.236	0.908
1936.4	96	2.4	2.294	0.227	297	0.156	0.202	0.896
1936.6	108	3.6	2.323	0.235	288	0.232	0.179	0.896
1936.8	112	5.3	2.323	0.277	289	0.357	0.170	0.909
1937.0	122	6.7	2.279	0.334	302	Coal		
1937.2	125	8.5	2.140	0.409	332	Coal		
1937.4	104	15.0	1.766	0.471	370	Coal		
1937.6	72	34.8	1.432	0.508	407	Coal		
1937.8	46	143.4	1.290	0.509	439	Coal		
1938.0	33	331.0	1.280	0.499	448	Coal		
1938.2	30	273.2	1.295	0.513	446	Coal		
1938.4	36	23.8	1.405	0.469	444	Coal		
1938.6	48	6.0	1.738	0.355	395	Coal		
1938.8	66	4.1	2.131	0.286	351	Coal		
1939.0	86	3.8	2.233	0.303	318	Coal		
1939.2	97	7.3	2.016	0.395	343	Coal		
1939.4	97	11.9	1.687	0.455	390	Coal		
1939.6	97	9.6	1.572	0.448	445	Coal		
1939.8	99	5.4	1.813	0.418	455	Coal		
1940.0	106	4.4	2.228	0.372	406	Coal		
1940.2	111	5.0	2.471	0.311	333	0.734	0.000	0.950
1940.4	120	6.3	2.471	0.272	300	0.617	0.011	0.921
1940.6	118	6.0	2.393	0.289	293	0.523	0.076	0.895
1940.8	111	5.1	2.237	0.332	299	0.370	0.219	0.881
1941.0	98	4.4	2.178	0.339	305	0.280	0.261	0.888
1941.2	80	2.5	2.238	0.269	312	0.179	0.233	0.915
1941.4	62	1.6	2.256	0.216	305	0.051	0.235	0.954

1941.6	57	1.3	2.244	0.203	302	0.000	0.246	0.995
1941.8	56	1.6	2.270	0.202	295	0.033	0.229	1.000
1942.0	52	1.5	2.265	0.211	292	0.052	0.230	1.000
1942.2	47	1.4	2.230	0.229	294	0.043	0.252	1.000
1942.4	46	1.3	2.223	0.214	300	0.000	0.258	1.000
1942.6	46	1.3	2.252	0.200	299	0.000	0.242	1.000
1942.8	45	1.4	2.255	0.205	293	0.017	0.239	1.000
1943.0	44	1.4	2.215	0.211	294	0.000	0.260	1.000
1943.2	40	1.2	2.196	0.212	296	0.000	0.268	1.000
1943.4	37	1.1	2.197	0.215	302	0.000	0.269	1.000
1943.6	34	1.0	2.186	0.227	305	0.000	0.278	1.000
1943.8	33	1.0	2.177	0.229	306	0.000	0.282	1.000
1944.0	34	1.1	2.165	0.229	307	0.000	0.286	1.000
1944.2	35	1.0	2.165	0.233	305	0.000	0.288	1.000
1944.4	35	1.0	2.159	0.225	304	0.000	0.288	1.000
1944.6	32	1.0	2.156	0.230	306	0.000	0.291	1.000
1944.8	33	0.9	2.152	0.231	311	0.000	0.292	1.000
1945.0	33	0.9	2.147	0.251	312	0.000	0.302	1.000
1945.2	33	1.0	2.150	0.264	311	0.004	0.305	1.000
1945.4	33	1.1	2.160	0.263	308	0.017	0.297	1.000
1945.6	32	1.0	2.176	0.255	307	0.024	0.287	1.000
1945.8	33	1.0	2.169	0.259	308	0.022	0.291	1.000
1946.0	32	0.9	2.165	0.237	307	0.000	0.290	1.000
1946.2	31	1.0	2.168	0.229	305	0.000	0.285	1.000
1946.4	30	0.9	2.170	0.238	306	0.000	0.288	1.000
1946.6	30	0.9	2.163	0.248	308	0.000	0.295	1.000
1946.8	32	0.9	2.157	0.240	312	0.000	0.294	1.000
1947.0	33	0.9	2.162	0.231	311	0.000	0.288	1.000
1947.2	32	0.9	2.166	0.228	313	0.000	0.286	1.000
1947.4	32	0.9	2.168	0.228	311	0.000	0.285	1.000
1947.6	35	1.0	2.178	0.230	310	0.000	0.282	1.000
1947.8	35	1.0	2.179	0.235	312	0.000	0.284	1.000
1948.0	35	1.0	2.174	0.240	313	0.000	0.287	1.000
1948.2	36	1.0	2.188	0.252	312	0.036	0.278	1.000
1948.4	39	1.0	2.202	0.260	309	0.085	0.265	1.000
1948.6	41	1.0	2.204	0.240	304	0.029	0.269	1.000
1948.8	41	1.0	2.188	0.223	305	0.000	0.275	1.000
1949.0	40	1.0	2.135	0.222	306	0.000	0.296	1.000
1949.2	40	1.0	2.112	0.220	306	0.000	0.305	1.000
1949.4	40	1.0	2.158	0.221	303	0.000	0.286	1.000
1949.6	38	1.0	2.198	0.237	302	0.010	0.275	1.000
1949.8	38	1.0	2.204	0.257	299	0.080	0.264	1.000
1950.0	38	1.0	2.175	0.265	297	0.053	0.284	1.000
1950.2	41	1.0	2.171	0.279	292	0.088	0.283	1.000
1950.4	46	1.1	2.204	0.267	289	0.112	0.260	1.000
1950.6	48	1.2	2.219	0.264	287	0.128	0.250	1.000
1950.8	49	1.2	2.189	0.262	290	0.068	0.274	1.000
1951.0	51	1.1	2.163	0.263	303	0.022	0.295	1.000
1951.2	55	1.0	2.153	0.256	308	0.000	0.301	1.000
1951.4	60	1.0	2.150	0.269	308	0.017	0.304	1.000
1951.6	60	1.1	2.158	0.266	308	0.025	0.298	0.995
1951.8	57	1.2	2.165	0.251	297	0.000	0.295	0.990
1952.0	58	1.2	2.167	0.261	299	0.026	0.292	0.990
1952.2	55	1.2	2.160	0.254	299	0.000	0.298	0.996
1952.4	54	1.1	2.150	0.233	301	0.000	0.294	1.000
1952.6	51	1.0	2.145	0.240	304	0.000	0.298	1.000
1952.8	51	1.0	2.157	0.259	303	0.000	0.301	1.000
1953.0	54	1.1	2.178	0.252	302	0.019	0.286	1.000
1953.2	56	1.1	2.199	0.215	303	0.000	0.268	1.000

1953.4	53	1.1	2.205	0.217	303	0.000	0.267	1.000
1953.6	52	1.0	2.205	0.239	304	0.030	0.268	1.000
1953.8	52	1.0	2.202	0.246	304	0.043	0.269	1.000
1954.0	48	1.0	2.189	0.241	302	0.004	0.281	1.000
1954.2	47	1.0	2.181	0.236	303	0.000	0.283	1.000
1954.4	49	0.9	2.177	0.245	305	0.000	0.288	1.000
1954.6	47	0.9	2.176	0.249	309	0.005	0.289	1.000
1954.8	46	0.9	2.181	0.241	311	0.000	0.285	1.000
1955.0	46	0.9	2.194	0.250	310	0.041	0.274	1.000
1955.2	47	0.9	2.193	0.255	310	0.056	0.273	1.000
1955.4	43	0.9	2.189	0.240	312	0.002	0.281	1.000
1955.6	44	0.9	2.206	0.251	308	0.066	0.264	1.000
1955.8	53	1.0	2.240	0.260	314	0.156	0.234	1.000
1956.0	68	1.2	2.243	0.275	309	Coal		
1956.2	84	1.7	2.006	0.368	339	Coal		
1956.4	80	5.6	1.567	0.469	387	Coal		
1956.6	57	26.3	1.335	0.522	429	Coal		
1956.8	49	75.8	1.297	0.517	433	Coal		
1957.0	64	25.6	1.460	0.465	438	Coal		
1957.2	85	7.2	1.736	0.445	457	Coal		
1957.4	106	5.8	1.921	0.451	465	Coal		
1957.6	133	6.6	2.006	0.459	447	Coal		
1957.8	152	10.6	2.114	0.419	406	Coal		
1958.0	154	18.2	2.190	0.416	384	0.534	0.134	0.965
1958.2	151	20.0	2.134	0.469	391	Coal		
1958.4	142	21.9	1.997	0.476	407	Coal		
1958.6	137	21.2	1.938	0.455	419	Coal		
1958.8	136	12.5	1.990	0.418	413	Coal		
1959.0	136	8.9	2.112	0.388	387	Coal		
1959.2	130	7.2	2.191	0.389	374	Coal		
1959.4	128	6.6	2.503	0.389	355	1.000	0.000	1.000
1959.6	126	6.0	2.503	0.350	319	0.911	0.000	1.000
1959.8	125	5.7	2.503	0.297	298	0.751	0.000	1.000
1960.0	120	5.8	2.497	0.280	288	0.689	0.000	1.000
1960.2	120	5.7	2.470	0.278	288	0.887	0.000	1.000
1960.4	123	4.9	2.305	0.265	296	0.922	0.000	1.000
1960.6	123	4.2	2.113	0.319	308	0.916	0.000	1.000
1960.8	122	4.1	2.128	0.338	310	0.904	0.000	1.000
1961.0	126	4.9	2.343	0.294	305	0.960	0.000	1.000
1961.2	118	4.0	2.421	0.258	290	0.853	0.000	1.000
1961.4	87	1.6	2.323	0.256	290	0.297	0.174	1.000
1961.6	53	1.0	2.235	0.235	301	0.070	0.246	1.000
1961.8	42	0.8	2.211	0.224	295	0.000	0.267	1.000
1962.0	38	0.8	2.213	0.234	304	0.029	0.264	1.000
1962.2	35	0.8	2.220	0.230	307	0.028	0.259	1.000
1962.4	36	0.9	2.221	0.226	309	0.017	0.260	1.000
1962.6	37	0.9	2.204	0.229	310	0.000	0.272	1.000
1962.8	38	0.9	2.202	0.234	309	0.007	0.272	1.000
1963.0	39	0.9	2.204	0.247	307	0.051	0.267	1.000
1963.2	38	0.9	2.207	0.275	306	0.140	0.256	1.000
1963.4	39	0.9	2.208	0.272	306	0.133	0.256	1.000
1963.6	41	0.9	2.205	0.267	308	0.113	0.260	1.000
1963.8	41	0.9	2.214	0.264	305	0.121	0.254	1.000
1964.0	42	1.0	2.222	0.252	300	0.098	0.251	1.000
1964.2	44	1.0	2.222	0.259	301	0.121	0.249	1.000
1964.4	42	0.9	2.211	0.253	303	0.083	0.259	1.000
1964.6	37	0.9	2.193	0.245	304	0.024	0.277	1.000
1964.8	40	0.9	2.199	0.263	302	0.089	0.266	1.000
1965.0	44	1.0	2.210	0.252	301	0.076	0.261	1.000

1965.2	43	1.0	2.205	0.231	303	0.005	0.271	1.000
1965.4	38	1.0	2.196	0.235	304	0.000	0.277	1.000
1965.6	39	0.9	2.194	0.244	308	0.024	0.275	1.000
1965.8	40	0.9	2.205	0.261	308	0.095	0.262	1.000
1966.0	40	0.9	2.223	0.250	308	0.096	0.251	1.000
1966.2	40	1.0	2.237	0.236	304	0.079	0.244	1.000
1966.4	41	1.1	2.254	0.219	295	0.056	0.236	1.000
1966.6	43	1.2	2.272	0.210	289	0.062	0.225	1.000
1966.8	43	1.1	2.256	0.212	293	0.041	0.236	1.000
1967.0	41	0.9	2.222	0.225	302	0.016	0.259	1.000
1967.2	40	0.8	2.207	0.228	312	0.000	0.270	1.000
1967.4	39	0.9	2.199	0.233	315	0.000	0.275	1.000
1967.6	43	0.9	2.193	0.236	314	0.000	0.278	1.000
1967.8	46	1.0	2.192	0.237	312	0.000	0.279	1.000
1968.0	45	1.0	2.211	0.239	307	0.041	0.264	1.000
1968.2	45	1.0	2.228	0.243	298	0.082	0.249	1.000
1968.4	47	1.0	2.197	0.239	299	0.012	0.275	1.000
1968.6	46	1.0	2.148	0.237	309	0.000	0.296	1.000
1968.8	44	1.0	2.132	0.242	306	0.000	0.305	1.000
1969.0	45	1.0	2.128	0.232	300	0.000	0.303	1.000
1969.2	44	1.1	2.155	0.232	290	0.000	0.292	1.000
1969.4	40	1.0	2.209	0.237	290	0.029	0.266	1.000
1969.6	38	0.9	2.204	0.240	298	0.030	0.269	1.000
1969.8	40	0.9	2.174	0.245	307	0.000	0.289	1.000
1970.0	40	0.8	2.169	0.236	311	0.000	0.288	1.000
1970.2	39	0.9	2.173	0.230	309	0.000	0.284	1.000
1970.4	38	0.9	2.176	0.235	307	0.000	0.285	1.000
1970.6	37	0.8	2.177	0.241	310	0.000	0.286	1.000
1970.8	39	0.8	2.177	0.242	308	0.000	0.287	1.000
1971.0	41	0.8	2.168	0.247	311	0.000	0.292	1.000
1971.2	38	0.9	2.168	0.246	309	0.000	0.292	1.000
1971.4	38	0.9	2.179	0.245	309	0.000	0.287	1.000
1971.6	38	0.9	2.193	0.253	307	0.050	0.274	1.000
1971.8	40	0.9	2.218	0.254	304	0.096	0.254	1.000
1972.0	41	0.9	2.227	0.258	301	0.126	0.246	1.000
1972.2	40	0.9	2.215	0.269	299	0.138	0.251	1.000
1972.4	42	0.9	2.212	0.262	295	0.112	0.256	1.000
1972.6	40	0.9	2.207	0.251	301	0.067	0.263	1.000
1972.8	40	1.0	2.194	0.254	301	0.055	0.272	1.000
1973.0	40	1.1	2.215	0.259	292	0.105	0.255	1.000
1973.2	43	1.1	2.237	0.284	296	0.221	0.231	1.000
1973.4	48	1.1	2.107	0.309	287	Coal		
1973.6	51	1.2	1.850	0.325	326	Coal		
1973.8	55	1.3	1.811	0.330	336	Coal		
1974.0	55	1.3	1.983	0.298	336	Coal		
1974.2	48	1.1	2.157	0.287	330	Coal		
1974.4	48	1.0	2.186	0.291	303	0.153	0.267	1.000
1974.6	50	1.0	2.186	0.281	299	0.122	0.270	1.000
1974.8	52	1.0	2.175	0.261	296	0.039	0.285	1.000
1975.0	48	0.8	2.161	0.245	301	0.000	0.294	1.000
1975.2	45	0.8	2.148	0.248	309	0.000	0.300	1.000
1975.4	46	0.8	2.133	0.266	312	0.000	0.313	1.000
1975.6	49	0.9	2.132	0.250	311	0.000	0.307	1.000
1975.8	48	0.9	2.140	0.242	310	0.000	0.301	1.000
1976.0	45	0.8	2.148	0.248	309	0.000	0.301	1.000
1976.2	43	0.8	2.146	0.256	310	0.000	0.304	1.000
1976.4	46	0.8	2.146	0.264	307	0.000	0.307	1.000
1976.6	47	0.9	2.158	0.252	305	0.000	0.298	1.000
1976.8	47	0.9	2.175	0.240	301	0.000	0.287	1.000

1977.0	46	0.9	2.176	0.247	299	0.000	0.289	1.000
1977.2	46	0.9	2.179	0.239	297	0.000	0.285	1.000
1977.4	44	0.9	2.185	0.228	300	0.000	0.278	1.000
1977.6	45	0.9	2.179	0.232	302	0.000	0.282	1.000
1977.8	47	0.9	2.168	0.249	307	0.000	0.293	1.000
1978.0	47	0.9	2.153	0.265	309	0.011	0.302	1.000
1978.2	47	0.8	2.155	0.259	309	0.000	0.302	1.000
1978.4	48	0.8	2.151	0.267	312	0.013	0.303	1.000
1978.6	50	0.8	2.151	0.268	312	0.017	0.303	1.000
1978.8	50	0.8	2.150	0.270	311	0.022	0.303	1.000
1979.0	45	0.8	2.150	0.280	311	0.051	0.300	1.000
1979.2	41	0.8	2.167	0.267	308	0.044	0.290	1.000
1979.4	44	1.0	2.208	0.227	301	0.000	0.269	1.000
1979.6	61	1.3	2.278	0.196	293	0.032	0.224	1.000
1979.8	84	1.9	2.343	0.192	280	0.139	0.175	1.000
1980.0	100	2.4	2.365	0.217	278	0.256	0.153	1.000
1980.2	93	2.0	2.324	0.236	281	0.239	0.178	1.000
1980.4	72	1.2	2.236	0.236	295	0.075	0.245	1.000
1980.6	57	0.8	2.167	0.238	306	0.000	0.289	1.000
1980.8	48	0.8	2.161	0.232	315	0.000	0.290	1.000
1981.0	43	0.8	2.181	0.226	315	0.000	0.279	1.000
1981.2	50	1.0	2.209	0.212	308	0.000	0.263	1.000
1981.4	60	1.0	2.209	0.227	305	0.000	0.269	1.000
1981.6	62	1.1	2.200	0.251	305	0.055	0.269	1.000
1981.8	57	1.0	2.190	0.251	308	0.036	0.277	1.000
1982.0	53	1.0	2.185	0.251	309	0.026	0.281	1.000
1982.2	53	1.0	2.183	0.260	309	0.051	0.280	1.000
1982.4	55	0.9	2.176	0.249	310	0.003	0.289	1.000
1982.6	55	0.9	2.169	0.236	312	0.000	0.288	1.000
1982.8	56	0.9	2.160	0.235	312	0.000	0.291	1.000
1983.0	64	0.9	2.157	0.236	312	0.000	0.293	1.000
1983.2	68	0.9	2.160	0.243	312	0.000	0.294	1.000
1983.4	66	1.0	2.163	0.241	310	0.000	0.292	1.000
1983.6	60	0.9	2.148	0.257	311	0.000	0.304	1.000
1983.8	55	0.9	2.136	0.267	313	0.000	0.312	1.000
1984.0	55	0.8	2.144	0.264	314	0.000	0.308	1.000
1984.2	55	0.9	2.150	0.265	313	0.005	0.304	1.000
1984.4	53	0.9	2.144	0.269	312	0.005	0.308	1.000
1984.6	51	0.9	2.128	0.277	313	0.002	0.319	1.000
1984.8	53	0.9	2.125	0.295	314	0.049	0.315	1.000
1985.0	56	0.8	2.138	0.286	316	0.049	0.307	1.000
1985.2	60	1.0	2.183	0.267	310	0.073	0.277	1.000
1985.4	64	1.2	2.224	0.241	306	0.069	0.253	1.000
1985.6	61	1.2	2.210	0.234	306	0.022	0.266	1.000
1985.8	53	1.2	2.196	0.245	308	0.029	0.274	1.000
1986.0	54	1.1	2.211	0.252	307	0.080	0.260	1.000
1986.2	52	1.1	2.219	0.245	304	0.073	0.255	1.000
1986.4	50	1.2	2.217	0.234	302	0.037	0.260	1.000
1986.6	53	1.2	2.216	0.229	302	0.017	0.263	1.000
1986.8	54	1.1	2.203	0.247	302	0.048	0.268	1.000
1987.0	49	1.0	2.181	0.291	308	0.141	0.272	1.000
1987.2	45	0.9	2.173	0.276	314	0.081	0.283	1.000
1987.4	45	0.8	2.160	0.251	316	0.000	0.297	1.000
1987.6	44	0.9	2.153	0.264	314	0.009	0.303	1.000
1987.8	42	0.9	2.148	0.296	310	0.096	0.296	1.000
1988.0	44	0.9	2.143	0.308	307	0.125	0.296	1.000
1988.2	48	0.9	2.141	0.300	306	0.096	0.300	1.000
1988.4	48	0.9	2.153	0.275	308	0.042	0.299	1.000
1988.6	44	0.8	2.164	0.274	311	0.058	0.291	1.000

1988.8	39	0.8	2.158	0.270	311	0.036	0.297	1.000
1989.0	41	0.8	2.159	0.278	310	0.061	0.293	1.000
1989.2	46	0.9	2.156	0.280	305	0.064	0.294	1.000
1989.4	49	1.0	2.169	0.270	299	0.055	0.288	1.000
1989.6	46	1.0	2.193	0.252	295	0.046	0.274	1.000
1989.8	41	1.0	2.193	0.259	299	0.065	0.272	1.000
1990.0	39	0.9	2.203	0.256	308	0.078	0.265	1.000
1990.2	40	0.9	2.220	0.238	307	0.052	0.257	1.000
1990.4	40	1.0	2.209	0.231	309	0.012	0.268	1.000
1990.6	44	1.1	2.217	0.229	293	0.020	0.262	1.000
1990.8	53	1.3	2.238	0.226	282	0.049	0.246	1.000
1991.0	58	1.5	2.232	0.247	284	0.102	0.245	1.000
1991.2	57	1.4	2.212	0.259	296	0.100	0.258	1.000
1991.4	51	1.1	2.176	0.258	308	0.031	0.286	1.000
1991.6	47	0.9	2.142	0.269	311	0.003	0.310	1.000
1991.8	45	0.8	2.130	0.284	320	0.027	0.314	1.000
1992.0	48	0.7	2.124	0.276	323	0.000	0.320	1.000
1992.2	63	0.8	2.137	0.271	321	0.000	0.313	1.000
1992.4	90	1.4	2.197	0.292	324	0.173	0.259	1.000
1992.6	94	2.1	2.272	0.288	312	0.301	0.204	0.991
1992.8	75	2.0	2.269	0.264	307	0.221	0.211	0.996
1993.0	60	1.3	2.210	0.249	300	0.068	0.261	1.000
1993.2	55	1.0	2.195	0.237	308	0.005	0.277	1.000
1993.4	53	1.1	2.217	0.227	307	0.013	0.263	1.000
1993.6	60	1.1	2.223	0.241	303	0.067	0.254	1.000
1993.8	65	1.2	2.223	0.246	299	0.083	0.252	1.000
1994.0	72	1.3	2.250	0.239	298	0.110	0.233	1.000
1994.2	80	1.4	2.288	0.245	294	0.201	0.202	1.000
1994.4	82	1.6	2.319	0.242	290	0.246	0.180	1.000
1994.6	82	1.8	2.344	0.221	289	0.228	0.167	1.000
1994.8	90	1.9	2.380	0.232	285	0.328	0.140	1.000
1995.0	97	2.4	2.410	0.254	283	0.452	0.114	1.000
1995.2	107	2.9	2.414	0.261	284	0.479	0.095	1.000
1995.4	111	3.1	2.404	0.249	287	0.425	0.120	1.000
1995.6	104	3.1	2.398	0.271	287	0.479	0.103	1.000
1995.8	103	3.4	2.412	0.286	287	0.553	0.052	1.000
1996.0	106	3.6	2.445	0.289	289	0.621	0.012	1.000
1996.2	111	3.9	2.456	0.265	290	0.569	0.033	0.998
1996.4	114	4.0	2.470	0.278	294	0.633	0.006	0.998
1996.6	118	4.0	2.491	0.318	296	0.793	0.000	0.999
1996.8	119	4.2	2.491	0.354	301	0.903	0.000	1.000
1997.0	124	4.8	2.340	0.391	326	Coal		
1997.2	128	5.2	2.260	0.394	336	Coal		
1997.4	131	5.4	2.322	0.379	330	Coal		
1997.6	133	5.1	2.417	0.366	310	0.802	0.000	1.000
1997.8	134	4.9	2.417	0.374	311	0.828	0.000	1.000
1998.0	127	5.1	2.417	0.390	318	0.876	0.000	1.000
1998.2	122	5.1	2.331	0.411	342	Coal		
1998.4	121	5.1	2.192	0.433	367	Coal		
1998.6	120	5.7	2.135	0.453	364	Coal		
1998.8	120	6.5	2.230	0.424	337	Coal		
1999.0	125	7.0	2.318	0.361	303	0.607	0.033	0.998
1999.2	124	5.1	2.193	0.361	335	Coal		
1999.4	122	4.2	2.039	0.439	372	Coal		
1999.6	119	3.4	1.997	0.490	424	Coal		
1999.8	125	3.9	2.029	0.500	422	Coal		
2000.0	134	5.2	2.044	0.460	406	Coal		
2000.2	132	10.2	1.992	0.419	396	Coal		
2000.4	123	10.0	1.975	0.376	402	Coal		

2000.6	118	6.9	2.119	0.323	379	Coal		
2000.8	115	5.5	2.319	0.322	347	Coal		
2001.0	111	4.8	2.381	0.348	330	0.684	0.000	0.953
2001.2	114	4.9	2.309	0.371	338	0.619	0.025	0.928
2001.4	125	6.1	2.199	0.364	358	0.396	0.239	0.908
2001.6	133	6.7	2.199	0.327	363	0.285	0.248	0.901
2001.8	132	7.5	2.199	0.319	357	0.262	0.250	0.908
2002.0	122	7.6	2.161	0.303	346	Coal		
2002.2	116	8.1	2.104	0.311	343	Coal		
2002.4	125	11.1	1.968	0.377	363	Coal		
2002.6	133	12.8	1.880	0.427	386	Coal		
2002.8	124	9.5	1.972	0.400	384	Coal		
2003.0	113	3.5	2.155	0.327	354	Coal		
2003.2	120	2.4	2.297	0.292	324	Coal		
2003.4	141	2.3	2.467	0.283	305	0.644	0.002	1.000
2003.6	156	3.0	2.467	0.286	299	0.652	0.000	1.000
2003.8	149	3.5	2.467	0.298	300	0.690	0.000	0.997
2004.0	142	3.2	2.448	0.314	310	0.701	0.000	0.990
2004.2	138	3.2	2.412	0.332	316	0.692	0.000	0.977
2004.4	136	4.0	2.378	0.361	318	0.715	0.000	0.957
2004.6	134	5.8	2.371	0.344	320	0.652	0.000	0.933
2004.8	134	6.9	2.376	0.309	318	0.556	0.060	0.907
2005.0	133	7.3	2.375	0.307	317	0.548	0.066	0.883
2005.2	125	7.4	2.373	0.329	311	0.610	0.025	0.863
2005.4	115	7.0	2.373	0.314	311	0.564	0.055	0.848
2005.6	103	5.8	2.367	0.273	306	0.430	0.141	0.840
2005.8	94	4.4	2.363	0.251	307	0.356	0.148	0.841
2006.0	94	3.6	2.378	0.257	299	0.400	0.137	0.852
2006.2	108	3.5	2.389	0.270	291	0.461	0.119	0.872
2006.4	126	4.4	2.393	0.290	295	0.529	0.072	0.900
2006.6	134	4.5	2.355	0.334	305	Coal		
2006.8	128	3.6	2.117	0.380	353	Coal		
2007.0	122	3.1	1.876	0.393	409	Coal		
2007.2	125	3.2	1.852	0.411	424	Coal		
2007.4	118	3.6	1.992	0.424	404	Coal		
2007.6	107	4.4	2.170	0.420	360	Coal		
2007.8	108	4.7	2.357	0.382	328	Coal		
2008.0	112	5.5	2.497	0.328	300	0.836	0.000	0.954
2008.2	114	6.0	2.497	0.273	280	0.669	0.000	0.926
2008.4	112	5.4	2.437	0.256	278	0.508	0.068	0.896
2008.6	109	4.2	2.375	0.258	280	0.398	0.138	0.870
2008.8	110	3.5	2.367	0.241	280	0.332	0.147	0.855
2009.0	108	3.6	2.383	0.252	278	0.396	0.134	0.854
2009.2	104	3.7	2.375	0.255	275	0.391	0.139	0.868
2009.4	102	3.5	2.369	0.252	279	0.369	0.144	0.896
2009.6	102	3.1	2.377	0.242	281	0.353	0.140	0.931
2009.8	109	3.0	2.371	0.225	280	0.291	0.147	0.970
2010.0	116	2.6	2.370	0.211	280	0.246	0.151	1.000
2010.2	121	2.3	2.349	0.225	282	0.252	0.162	1.000
2010.4	125	2.0	2.322	0.234	293	0.229	0.180	1.000
2010.6	129	1.7	2.310	0.235	299	0.211	0.188	1.000
2010.8	131	1.6	2.303	0.223	298	0.159	0.197	1.000
2011.0	148	1.7	2.300	0.222	292	0.151	0.200	1.000
2011.2	165	1.8	2.312	0.243	293	0.239	0.185	1.000
2011.4	154	1.8	2.314	0.252	294	0.267	0.182	1.000
2011.6	138	1.7	2.301	0.244	296	0.220	0.193	1.000
2011.8	143	1.5	2.301	0.249	298	0.235	0.192	1.000
2012.0	140	1.6	2.314	0.246	294	0.248	0.183	1.000
2012.2	112	1.6	2.319	0.239	293	0.238	0.181	1.000

2012.4	72	1.5	2.284	0.257	294	0.228	0.202	1.000
2012.6	51	1.1	2.220	0.271	297	0.152	0.247	1.000
2012.8	45	1.1	2.191	0.249	304	0.032	0.277	1.000
2013.0	46	1.1	2.192	0.231	308	0.000	0.277	1.000
2013.2	48	1.2	2.202	0.226	304	0.000	0.271	1.000
2013.4	48	1.3	2.221	0.229	305	0.027	0.259	1.000
2013.6	50	1.3	2.227	0.244	299	0.086	0.249	1.000
2013.8	50	1.3	2.216	0.247	301	0.073	0.258	1.000
2014.0	47	1.2	2.189	0.255	303	0.046	0.277	1.000
2014.2	45	1.1	2.169	0.252	306	0.001	0.293	1.000
2014.4	42	1.1	2.163	0.237	310	0.000	0.291	1.000
2014.6	41	1.1	2.168	0.222	313	0.000	0.283	1.000
2014.8	41	1.0	2.167	0.226	313	0.000	0.285	1.000
2015.0	42	1.1	2.171	0.235	314	0.000	0.286	1.000
2015.2	41	1.1	2.180	0.242	312	0.000	0.286	1.000
2015.4	43	1.1	2.195	0.229	309	0.000	0.275	1.000
2015.6	43	1.1	2.202	0.233	311	0.003	0.273	1.000
2015.8	44	1.0	2.199	0.222	312	0.000	0.271	1.000
2016.0	43	1.0	2.198	0.226	313	0.000	0.273	1.000
2016.2	42	1.0	2.200	0.241	314	0.024	0.272	1.000
2016.4	43	1.0	2.199	0.252	313	0.057	0.269	1.000
2016.6	43	0.9	2.188	0.249	312	0.028	0.279	1.000
2016.8	41	1.0	2.187	0.229	311	0.000	0.278	1.000
2017.0	42	1.1	2.195	0.216	308	0.000	0.270	1.000
2017.2	46	1.1	2.214	0.218	307	0.000	0.263	1.000
2017.4	48	1.1	2.210	0.232	310	0.014	0.267	1.000
2017.6	51	1.0	2.170	0.246	314	0.000	0.291	1.000
2017.8	48	1.0	2.149	0.258	311	0.000	0.303	1.000
2018.0	44	1.0	2.184	0.266	311	0.072	0.277	1.000
2018.2	46	1.1	2.250	0.245	298	0.131	0.231	1.000
2018.4	58	1.4	2.326	0.229	274	0.220	0.178	1.000
2018.6	80	2.1	2.393	0.227	271	0.337	0.132	1.000
2018.8	86	3.3	2.396	0.240	274	0.383	0.127	1.000
2019.0	76	3.6	2.370	0.244	287	0.348	0.144	0.988
2019.2	67	2.9	2.326	0.241	299	0.257	0.176	0.964
2019.4	72	2.3	2.317	0.235	299	0.223	0.183	0.956
2019.6	80	2.2	2.335	0.222	300	0.215	0.173	0.959
2019.8	84	2.5	2.351	0.229	299	0.266	0.161	0.966
2020.0	79	2.8	2.344	0.250	293	0.318	0.162	0.972
2020.2	70	2.1	2.301	0.253	292	0.249	0.191	0.973
2020.4	60	1.6	2.261	0.267	294	0.216	0.217	0.972
2020.6	57	1.5	2.248	0.254	297	0.152	0.231	0.970
2020.8	57	1.5	2.225	0.236	296	0.056	0.254	0.971
2021.0	64	1.6	2.215	0.237	295	0.042	0.261	0.974
2021.2	66	1.8	2.258	0.239	291	0.126	0.227	0.981
2021.4	64	1.7	2.287	0.246	287	0.202	0.202	0.992
2021.6	61	1.6	2.262	0.234	286	0.117	0.226	1.000
2021.8	60	1.5	2.249	0.236	288	0.099	0.235	1.000
2022.0	59	1.4	2.247	0.230	290	0.077	0.239	1.000
2022.2	59	1.4	2.242	0.226	290	0.058	0.243	1.000
2022.4	62	1.4	2.242	0.224	290	0.051	0.244	1.000
2022.6	60	1.3	2.226	0.232	292	0.046	0.254	1.000
2022.8	58	1.3	2.211	0.240	294	0.044	0.263	1.000
2023.0	58	1.1	2.198	0.241	299	0.020	0.274	1.000
2023.2	51	1.1	2.192	0.247	300	0.029	0.276	1.000
2023.4	46	1.0	2.191	0.244	298	0.018	0.278	1.000
2023.6	43	1.1	2.187	0.240	300	0.000	0.282	1.000
2023.8	45	1.1	2.185	0.244	301	0.006	0.283	1.000
2024.0	47	1.0	2.185	0.263	307	0.064	0.277	1.000

2024.2	53	1.0	2.185	0.294	320	0.159	0.268	1.000
2024.4	63	1.1	2.172	0.322	338	Coal		
2024.6	59	1.3	2.015	0.374	383	Coal		
2024.8	44	1.6	1.685	0.467	416	Coal		
2025.0	31	2.8	1.447	0.509	454	Coal		
2025.2	26	6.9	1.335	0.494	455	Coal		
2025.4	24	69.8	1.285	0.478	457	Coal		
2025.6	22	148.5	1.275	0.473	457	Coal		
2025.8	21	173.7	1.274	0.464	452	Coal		
2026.0	22	288.0	1.269	0.446	428	Coal		
2026.2	27	439.2	1.275	0.449	444	Coal		
2026.4	31	229.4	1.274	0.487	519	Coal		
2026.6	35	97.1	1.282	0.495	553	Coal		
2026.8	32	87.1	1.310	0.464	528	Coal		
2027.0	26	147.5	1.303	0.454	509	Coal		
2027.2	22	293.6	1.266	0.507	475	Coal		
2027.4	19	384.5	1.233	0.546	459	Coal		
2027.6	18	355.4	1.226	0.499	450	Coal		
2027.8	20	295.1	1.226	0.499	457	Coal		
2028.0	24	229.6	1.228	0.537	455	Coal		
2028.2	23	223.3	1.230	0.554	457	Coal		
2028.4	22	241.7	1.222	0.584	452	Coal		
2028.6	20	316.0	1.216	0.571	450	Coal		
2028.8	22	616.8	1.217	0.522	449	Coal		
2029.0	28	720.6	1.225	0.520	447	Coal		
2029.2	40	48.7	1.301	0.485	445	Coal		
2029.4	65	15.5	1.568	0.404	419	Coal		
2029.6	90	11.1	2.020	0.322	377	Coal		
2029.8	99	7.6	2.319	0.254	325	Coal		
2030.0	85	5.1	2.312	0.229	292	0.195	0.188	0.898
2030.2	62	3.0	2.238	0.224	293	0.043	0.247	0.879
2030.4	54	2.2	2.200	0.220	309	0.000	0.270	0.871
2030.6	64	2.2	2.227	0.209	322	0.000	0.255	0.874
2030.8	85	2.9	2.317	0.215	311	0.162	0.189	0.886
2031.0	108	4.9	2.395	0.234	295	0.361	0.129	0.903
2031.2	118	8.7	2.426	0.259	271	0.497	0.079	0.922
2031.4	122	10.3	2.444	0.282	272	0.600	0.022	0.943
2031.6	120	12.3	2.444	0.354	283	0.817	0.000	0.963
2031.8	114	14.4	2.444	0.402	314	0.964	0.000	0.979
2032.0	105	14.1	2.240	0.364	325	Coal		
2032.2	105	14.9	2.135	0.381	331	Coal		
2032.4	96	17.9	1.680	0.443	363	Coal		
2032.6	74	29.3	1.400	0.445	397	Coal		
2032.8	61	44.5	1.427	0.465	415	Coal		
2033.0	67	39.4	1.568	0.485	407	Coal		
2033.2	76	15.3	1.614	0.439	403	Coal		
2033.4	80	11.5	1.781	0.375	408	Coal		
2033.6	88	9.1	2.166	0.313	377	Coal		
2033.8	98	8.3	2.457	0.273	324	Coal		
2034.0	106	9.1	2.510	0.274	277	0.695	0.000	0.993
2034.2	113	9.5	2.510	0.285	261	0.730	0.000	0.981
2034.4	121	9.9	2.499	0.275	264	0.681	0.000	0.960
2034.6	124	9.8	2.475	0.268	269	0.613	0.013	0.932
2034.8	127	9.4	2.457	0.257	269	0.547	0.043	0.898
2035.0	123	8.2	2.441	0.248	270	0.491	0.076	0.868
2035.2	116	7.2	2.430	0.256	272	0.494	0.079	0.848
2035.4	113	6.9	2.419	0.255	268	0.471	0.097	0.845
2035.6	115	6.3	2.397	0.226	269	0.342	0.130	0.862
2035.8	117	5.3	2.384	0.217	275	0.291	0.140	0.897

2036.0	117	4.5	2.394	0.231	276	0.353	0.130	0.941
2036.2	129	3.4	2.383	0.253	276	0.399	0.134	0.984
2036.4	150	2.6	2.334	0.254	279	0.314	0.168	1.000
2036.6	163	2.0	2.284	0.239	288	0.175	0.207	1.000
2036.8	165	1.8	2.255	0.267	302	0.207	0.221	1.000
2037.0	147	1.9	2.249	0.294	304	0.276	0.220	1.000
2037.2	113	1.8	2.233	0.292	308	0.242	0.232	1.000
2037.4	80	1.6	2.202	0.278	312	0.142	0.259	1.000
2037.6	60	1.3	2.190	0.282	313	0.132	0.267	0.994
2037.8	64	1.5	2.224	0.304	314	0.261	0.236	0.959
2038.0	84	2.6	2.262	0.318	310	0.373	0.205	0.920
2038.2	103	5.2	2.280	0.354	312	0.517	0.122	0.885
2038.4	111	11.5	2.269	0.360	317	0.514	0.129	0.866
2038.6	110	16.4	2.269	0.372	332	0.552	0.091	0.868
2038.8	106	15.7	2.269	0.381	346	0.580	0.065	0.888
2039.0	91	6.7	2.166	0.356	346	Coal		
2039.2	70	4.8	1.848	0.390	352	Coal		
2039.4	49	5.3	1.462	0.471	383	Coal		
2039.6	32	13.7	1.283	0.562	433	Coal		
2039.8	23	89.7	1.248	0.613	441	Coal		
2040.0	28	71.5	1.331	0.596	441	Coal		
2040.2	43	18.2	1.631	0.486	412	Coal		
2040.4	64	13.5	2.140	0.359	376	Coal		
2040.6	83	12.1	2.335	0.291	334	0.426	0.160	0.965
2040.8	86	12.1	2.218	0.316	322	Coal		
2041.0	74	20.4	1.753	0.379	353	Coal		
2041.2	54	35.3	1.382	0.454	402	Coal		
2041.4	37	56.6	1.236	0.508	437	Coal		
2041.6	41	75.6	1.260	0.498	440	Coal		
2041.8	63	35.9	1.442	0.494	438	Coal		
2042.0	86	10.7	1.856	0.425	386	Coal		
2042.2	90	6.1	2.230	0.298	366	0.256	0.232	0.904
2042.4	76	3.6	2.230	0.236	325	0.066	0.250	0.888
2042.6	63	2.2	2.195	0.236	308	0.000	0.278	0.882
2042.8	55	2.0	2.190	0.233	314	0.000	0.278	0.885
2043.0	55	2.1	2.201	0.234	317	0.005	0.273	0.893
2043.2	63	2.2	2.220	0.243	309	0.070	0.255	0.899
2043.4	84	2.6	2.271	0.240	307	0.153	0.217	0.899
2043.6	122	3.2	2.326	0.251	298	0.286	0.174	0.895
2043.8	152	3.9	2.359	0.258	288	0.369	0.150	0.893
2044.0	159	5.0	2.392	0.256	280	0.424	0.128	0.898
2044.2	152	7.5	2.391	0.302	279	0.561	0.053	0.912
2044.4	141	10.4	2.337	0.352	290	0.614	0.026	0.933
2044.6	131	11.7	2.337	0.370	326	0.669	0.000	0.956
2044.8	126	11.6	2.337	0.353	329	0.618	0.023	0.976
2045.0	120	11.3	2.347	0.331	323	Coal		
2045.2	99	16.1	2.049	0.348	319	Coal		
2045.4	65	28.8	1.515	0.459	351	Coal		
2045.6	39	142.7	1.285	0.505	400	Coal		
2045.8	24	561.5	1.240	0.480	443	Coal		
2046.0	19	538.6	1.238	0.482	450	Coal		
2046.2	18	518.9	1.234	0.507	449	Coal		
2046.4	18	505.9	1.240	0.497	451	Coal		
2046.6	18	459.2	1.246	0.449	448	Coal		
2046.8	18	376.1	1.240	0.458	454	Coal		
2047.0	19	294.0	1.236	0.437	454	Coal		
2047.2	21	245.5	1.236	0.430	455	Coal		
2047.4	21	237.2	1.228	0.437	455	Coal		
2047.6	18	240.3	1.225	0.452	456	Coal		

2047.8	18	267.3	1.224	0.490	454	Coal		
2048.0	24	341.5	1.230	0.539	457	Coal		
2048.2	30	478.0	1.231	0.558	459	Coal		
2048.4	39	921.1	1.224	0.525	458	Coal		
2048.6	44	1314.2	1.220	0.512	456	Coal		
2048.8	37	987.0	1.222	0.534	453	Coal		
2049.0	34	516.9	1.227	0.518	456	Coal		
2049.2	36	19.9	1.250	0.508	452	Coal		
2049.4	51	8.1	1.438	0.477	456	Coal		
2049.6	72	7.2	1.859	0.437	458	Coal		
2049.8	87	6.5	2.308	0.385	409	0.663	0.000	1.000
2050.0	97	7.3	2.389	0.359	342	0.732	0.000	1.000
2050.2	104	10.0	2.203	0.379	324	Coal		
2050.4	110	11.7	2.033	0.432	343	Coal		
2050.6	113	12.7	1.893	0.488	387	Coal		
2050.8	110	15.7	1.763	0.520	410	Coal		
2051.0	105	19.0	1.705	0.534	428	Coal		
2051.2	106	21.6	1.821	0.497	432	Coal		
2051.4	102	23.0	1.994	0:432	402	Coal		
2051.6	81	28.5	1.922	0.457	372	Coal		
2051.8	51	40.2	1.505	0.511	384	Coal		
2052.0	26	174.5	1.286	0.523	426	Coal		
2052.2	19	438.1	1.223	0.471	448	Coal		
2052.4	16	534.4	1.218	0.454	449	Coal		
2052.6	14	656.2	1.214	0.509	449	Coal		
2052.8	14	755.6	1.213	0.540	447	Coal		
2053.0	15	928.5	1.217	0.547	454	Coal		
2053.2	14	948.9	1.226	0.562	455	Coal		
2053.4	13	687.4	1.239	0.549	454	Coal		
2053.6	14	375.7	1.246	0.475	454	Coal		
2053.8	15	287.6	1.236	0.453	458	Coal		
2054.0	19	249.1	1.224	0.490	457	Coal		
2054.2	25	170.7	1.233	0.526	457	Coal		
2054.4	39	25.9	1.399	0.495	450	Coal		
2054.6	54	7.4	1.767	0.389	401	Coal		
2054.8	63	3.8	2.099	0.307	353	Coal		
2055.0	68	3.0	2.053	0.305	332	Coal		
2055.2	78	4.6	1.924	0.387	360	Coal		
2055.4	90	6.1	1.975	0.405	365	Coal		
2055.6	96	4.8	2.193	0.327	351	Coal		
2055.8	94	3.7	2.388	0.256	313	0.417	0.130	1.000
2056.0	90	3.3	2.388	0.222	293	0.316	0.136	1.000
2056.2	95	3.6	2.378	0.225	283	0.303	0.143	1.000
2056.4	100	3.8	2.370	0.226	284	0.293	0.148	1.000
2056.6	104	4.2	2.382	0.230	284	0.326	0.139	0.987
2056.8	110	4.9	2.405	0.243	283	0.409	0.121	0.977
2057.0	121	6.4	2.416	0.306	287	0.623	0.013	0.969
2057.2	137	7.9	2.422	0.349	297	0.762	0.000	0.958
2057.4	153	8.9	2.448	0.314	295	0.704	0.000	0.940
2057.6	161	9.4	2.467	0.261	280	0.578	0.027	0.913
2057.8	158	9.9	2.455	0.253	260	0.532	0.050	0.881
2058.0	155	9.4	2.429	0.264	258	0.519	0.066	0.850
2058.2	159	9.3	2.408	0.289	266	0.554	0.053	0.826
2058.4	153	9.4	2.405	0.289	272	0.551	0.055	0.810
2058.6	150	10.4	2.416	0.256	272	0.469	0.101	0.803
2058.8	152	10.8	2.416	0.251	272	0.453	0.110	0.801
2059.0	155	10.9	2.408	0.252	270	0.442	0.117	0.801
2059.2	156	10.1	2.410	0.235	268	0.395	0.119	0.804
2059.4	158	9.2	2.404	0.239	260	0.395	0.123	0.809

2059.6	164	6.9	2.394	0.247	261	0.402	0.128	0.820
2059.8	177	5.8	2.395	0.235	262	0.365	0.130	0.840
2060.0	186	4.8	2.384	0.224	261	0.313	0.139	0.872
2060.2	179	4.2	2.349	0.240	269	0.297	0.160	0.917
2060.4	154	3.5	2.330	0.246	271	0.279	0.173	0.974
2060.6	133	3.6	2.378	0.215	272	0.274	0.144	1.000
2060.8	119	5.0	2.486	0.169	229	0.332	0.078	1.000
2061.0	116	5.1	2.541	0.169	231	0.437	0.042	1.000
2061.2	120	3.6	2.459	0.212	253	0.416	0.090	1.000
2061.4	116	2.1	2.339	0.247	301	0.300	0.166	1.000
2061.6	103	2.1	2.295	0.257	306	0.251	0.194	1.000
2061.8	96	2.1	2.305	0.244	292	0.228	0.190	1.000
2062.0	88	2.1	2.292	0.251	333	0.225	0.198	1.000
2062.2	84	1.9	2.268	0.278	301	0.264	0.210	1.000
2062.4	82	1.9	2.257	0.293	301	0.290	0.215	1.000
2062.6	78	1.9	2.254	0.272	300	0.219	0.221	1.000
2062.8	72	1.5	2.254	0.265	295	0.196	0.223	1.000
2063.0	66	1.4	2.231	0.288	300	0.225	0.234	1.000
2063.2	59	1.3	2.231	0.300	304	0.261	0.232	1.000
2063.4	60	1.5	2.241	0.303	311	0.291	0.223	1.000
2063.6	68	2.1	2.265	0.310	301	Coal		
2063.8	68	3.3	2.153	0.347	297	Coal		
2064.0	54	7.4	1.748	0.439	334	Coal		
2064.2	34	17.5	1.403	0.508	384	Coal		
2064.4	27	32.9	1.269	0.506	431	Coal		
2064.6	29	42.5	1.291	0.450	454	Coal		
2064.8	46	33.3	1.425	0.456	446	Coal		
2065.0	69	18.9	1.751	0.459	425	Coal		
2065.2	89	11.3	2.229	0.421	429	Coal		
2065.4	95	8.5	2.506	0.329	367	0.857	0.000	1.000
2065.6	100	7.5	2.506	0.293	289	0.748	0.000	1.000
2065.8	106	7.5	2.469	0.312	258	0.737	0.000	1.000
2066.0	112	7.1	2.461	0.332	276	0.783	0.000	1.000
2066.2	110	6.8	2.464	0.309	293	0.719	0.000	1.000
2066.4	107	6.7	2.464	0.288	289	0.655	0.000	1.000
2066.6	98	5.8	2.464	0.311	283	0.725	0.000	0.997
2066.8	101	5.6	2.314	0.351	283	Coal		
2067.0	115	5.7	2.225	0.368	313	Coal		
2067.2	117	7.0	2.264	0.365	320	Coal		
2067.4	104	7.3	2.372	0.303	310	Coal		
2067.6	89	6.1	2.404	0.245	279	0.414	0.122	0.921
2067.8	83	5.3	2.404	0.256	283	0.447	0.120	0.917
2068.0	90	5.0	2.404	0.284	291	0.532	0.067	0.926
2068.2	103	5.6	2.429	0.299	300	0.624	0.012	0.943
2068.4	111	7.1	2.335	0.338	311	Coal		
2068.6	98	10.0	1.892	0.439	358	Coal		
2068.8	83	13.3	1.612	0.507	400	Coal		
2069.0	88	13.9	1.751	0.422	390	Coal		
2069.2	109	11.0	2.249	0.292	344	Coal		
2069.4	113	8.8	2.441	0.264	289	0.542	0.050	0.962
2069.6	110	8.0	2.458	0.290	286	Coal		
2069.8	107	8.7	2.333	0.418	321	Coal		
2070.0	109	9.5	2.228	0.434	348	Coal		
2070.2	114	10.4	2.283	0.324	331	Coal		
2070.4	112	8.8	2.411	0.276	285	0.523	0.070	0.959
2070.6	91	4.0	2.373	0.253	279	0.382	0.141	0.969
2070.8	69	2.3	2.297	0.227	287	0.162	0.201	0.985
2071.0	65	2.3	2.269	0.216	295	0.078	0.225	1.000
2071.2	80	2.5	2.322	0.223	293	0.194	0.183	1.000

2071.4	92	3.4	2.380	0.229	290	0.321	0.141	1.000
2071.6	104	5.4	2.424	0.236	285	0.422	0.110	1.000
2071.8	119	7.4	2.474	0.253	286	0.568	0.030	1.000
2072.0	128	8.5	2.484	0.281	292	0.670	0.000	0.998
2072.2	126	8.5	2.484	0.320	297	0.791	0.000	0.997
2072.4	120	9.1	2.400	0.348	302	Coal		
2072.6	107	11.7	2.130	0.402	310	Coal		
2072.8	102	13.0	1.929	0.412	354	Coal		
2073.0	103	7.3	2.033	0.327	359	Coal		
2073.2	89	4.0	2.244	0.246	336	Coal		
2073.4	74	2.7	2.340	0.244	297	0.294	0.166	1.000
2073.6	74	2.6	2.340	0.253	293	0.321	0.164	1.000
2073.8	78	2.8	2.340	0.245	292	0.296	0.166	1.000
2074.0	85	3.3	2.361	0.230	291	0.291	0.153	1.000
2074.2	95	4.0	2.413	0.230	286	0.385	0.118	1.000
2074.4	103	5.5	2.492	0.238	282	0.555	0.030	1.000
2074.6	112	7.2	2.538	0.273	284	0.748	0.000	1.000
2074.8	118	7.8	2.536	0.294	278	0.806	0.000	1.000
2075.0	119	8.4	2.536	0.312	290	0.863	0.000	1.000
2075.2	112	9.1	2.536	0.317	293	0.878	0.000	1.000
2075.4	102	9.9	2.218	0.324	295	Coal		
2075.6	100	7.4	2.045	0.373	328	Coal		
2075.8	102	5.7	2.069	0.399	355	Coal		
2076.0	106	5.4	2.448	0.350	346	0.814	0.000	0.994
2076.2	109	6.1	2.448	0.271	316	0.574	0.033	0.992
2076.4	109	7.1	2.448	0.266	288	0.560	0.040	0.991
2076.6	117	7.4	2.492	0.282	295	0.691	0.000	0.992
2076.8	117	7.7	2.450	0.328	299	Coal		
2077.0	114	7.2	2.304	0.381	314	Coal		
2077.2	118	7.6	2.259	0.374	319	Coal		
2077.4	127	7.8	2.497	0.309	316	0.782	0.000	0.999
2077.6	129	8.3	2.497	0.266	301	0.651	0.000	1.000
2077.8	124	8.0	2.497	0.256	287	0.620	0.008	1.000
2078.0	120	7.3	2.512	0.269	284	0.687	0.000	1.000
2078.2	113	7.2	2.520	0.293	284	0.775	0.000	1.000
2078.4	111	7.1	2.520	0.315	290	0.842	0.000	1.000
2078.6	109	8.6	2.553	0.268	285	0.758	0.000	1.000
2078.8	98	13.7	2.614	0.178	253	0.597	0.000	1.000
2079.0	91	27.9	2.643	0.115	215	0.459	0.000	1.000
2079.2	94	28.2	2.596	0.149	184	0.476	0.008	1.000
2079.4	99	11.8	2.524	0.209	219	0.526	0.029	1.000
2079.6	98	7.2	2.484	0.229	255	0.514	0.048	1.000
2079.8	97	5.7	2.482	0.242	277	0.548	0.035	1.000
2080.0	100	5.5	2.500	0.278	281	0.694	0.000	1.000
2080.2	110	5.0	2.512	0.314	289	0.825	0.000	1.000
2080.4	120	4.6	2.522	0.321	295	0.862	0.000	1.000
2080.6	119	4.6	2.522	0.327	307	0.883	0.000	1.000
2080.8	112	4.7	2.318	0.426	329	Coal		
2081.0	90	6.3	1.894	0.526	373	Coal		
2081.2	67	9.9	1.519	0.560	410	Coal		
2081.4	64	11.0	1.537	0.445	408	Coal		
2081.6	74	9.0	1.907	0.322	358	Coal		
2081.8	85	6.3	2.311	0.239	315	Coal		
2082.0	96	5.7	2.483	0.249	291	0.573	0.026	1.000
2082.2	107	7.4	2.483	0.285	291	0.684	0.000	1.000
2082.4	117	9.4	2.483	0.319	303	0.785	0.000	1.000
2082.6	122	10.2	2.483	0.344	306	0.862	0.000	1.000
2082.8	118	9.5	2.483	0.339	308	0.846	0.000	1.000
2083.0	103	7.7	2.267	0.367	318	Coal		

2083.2	83	6.7	2.067	0.449	350	Coal		
2083.4	76	4.6	2.077	0.412	347	Coal		
2083.6	81	3.4	2.239	0.272	324	Coal		
2083.8	85	2.7	2.376	0.225	289	0.302	0.144	1.000
2084.0	85	2.6	2.352	0.223	289	0.250	0.161	1.000
2084.2	94	3.1	2.376	0.219	292	0.284	0.145	1.000
2084.4	105	5.4	2.372	0.249	297	Coal		
2084.6	100	12.5	2.098	0.365	333	Coal		
2084.8	90	16.4	1.729	0.502	381	Coal		
2085.0	85	13.6	1.725	0.521	393	Coal		
2085.2	78	13.5	2.190	0.386	340	Coal		
2085.4	58	13.9	2.585	0.203	245	Coal		
2085.6	42	20.5	2.681	0.046	182	0.319	0.000	1.000
2085.8	46	106.7	2.681	0.014	169	0.221	0.000	1.000
2086.0	62	144.4	2.674	0.035	176	0.274	0.000	1.000
2086.2	72	84.1	2.669	0.081	182	0.404	0.000	1.000
2086.4	76	63.4	2.674	0.109	194	0.496	0.000	0.997
2086.6	77	45.4	2.680	0.116	190	0.532	0.000	0.990
2086.8	85	36.3	2.686	0.128	190	0.579	0.000	0.975
2087.0	97	24.6	2.653	0.169	204	0.641	0.000	0.953
2087.2	110	14.3	2.542	0.236	233	0.641	0.001	0.931
2087.4	115	11.1	2.398	0.299	268	0.568	0.047	0.919
2087.6	102	6.4	2.286	0.299	289	0.363	0.192	0.926
2087.8	79	4.4	2.303	0.256	289	0.263	0.189	0.954
2088.0	71	3.2	2.346	0.211	286	0.203	0.168	1.000
2088.2	73	2.6	2.349	0.200	280	0.175	0.168	1.000
2088.4	68	2.5	2.334	0.200	283	0.147	0.180	1.000
2088.6	67	2.4	2.328	0.205	284	0.153	0.183	1.000
2088.8	68	2.5	2.334	0.210	284	0.179	0.177	1.000
2089.0	74	2.9	2.369	0.209	284	0.240	0.152	1.000
2089.2	84	3.5	2.409	0.215	283	0.332	0.123	1.000
2089.4	99	5.0	2.431	0.244	279	0.462	0.097	1.000
2089.6	112	7.2	2.451	0.268	276	0.571	0.034	1.000
2089.8	117	8.6	2.472	0.284	279	0.660	0.000	0.996
2090.0	117	8.8	2.429	0.334	288	0.733	0.000	0.961
2090.2	115	9.0	2.342	0.361	317	0.654	0.000	0.928
2090.4	104	6.8	2.334	0.291	314	0.426	0.161	0.899
2090.6	100	5.2	2.380	0.230	307	0.324	0.141	0.879
2090.8	105	4.9	2.394	0.220	282	0.319	0.133	0.873
2091.0	105	5.6	2.403	0.234	288	0.381	0.124	0.883
2091.2	102	6.5	2.411	0.258	292	0.467	0.104	0.906
2091.4	98	5.2	2.441	0.270	293	0.559	0.042	0.930
2091.6	82	3.8	2.468	0.268	295	0.602	0.018	0.944
2091.8	79	3.2	2.425	0.268	299	0.524	0.065	0.942
2092.0	96	3.3	2.331	0.319	298	0.505	0.113	0.928
2092.2	117	4.3	2.230	0.376	326	0.494	0.167	0.911
2092.4	115	5.1	2.200	0.363	326	0.398	0.239	0.905
2092.6	91	3.6	2.242	0.282	320	0.227	0.228	0.915
2092.8	68	2.5	2.284	0.236	292	0.166	0.208	0.942
2093.0	59	2.1	2.280	0.223	283	0.119	0.215	0.976
2093.2	59	2.2	2.267	0.218	282	0.078	0.227	1.000
2093.4	61	2.1	2.269	0.236	285	0.138	0.219	1.000
2093.6	63	2.0	2.268	0.230	291	0.119	0.222	1.000
2093.8	68	2.2	2.287	0.222	291	0.127	0.210	1.000
2094.0	75	2.3	2.310	0.232	293	0.200	0.190	1.000
2094.2	77	2.7	2.318	0.247	289	0.263	0.181	1.000
2094.4	84	3.2	2.344	0.232	287	0.264	0.165	1.000
2094.6	100	3.9	2.394	0.205	276	0.276	0.135	0.998
2094.8	111	5.2	2.420	0.230	272	0.397	0.114	0.983

2095.0	113	5.3	2.427	0.239	274	0.440	0.107	0.976
2095.2	107	4.4	2.384	0.229	275	0.329	0.138	0.981
2095.4	96	2.8	2.302	0.243	288	0.221	0.192	0.998
2095.6	80	1.9	2.250	0.255	295	0.161	0.229	1.000
2095.8	73	1.8	2.263	0.260	298	0.201	0.217	1.000
2096.0	79	2.3	2.313	0.243	293	0.241	0.185	1.000
2096.2	83	2.9	2.347	0.234	283	0.276	0.163	1.000
2096.4	90	3.2	2.375	0.232	277	0.321	0.144	1.000
2096.6	98	3.5	2.399	0.245	277	0.404	0.125	1.000
2096.8	104	3.9	2.406	0.258	275	0.458	0.113	1.000
2097.0	106	4.5	2.416	0.256	275	0.471	0.100	1.000
2097.2	111	5.4	2.445	0.264	274	0.548	0.046	1.000
2097.4	115	6.1	2.481	0.271	273	0.637	0.004	1.000
2097.6	111	7.3	2.504	0.278	272	0.699	0.000	0.999
2097.8	109	7.5	2.506	0.285	271	0.726	0.000	0.998
2098.0	109	7.7	2.497	0.272	272	0.671	0.000	0.999
2098.2	109	7.0	2.497	0.263	273	0.643	0.002	1.000
2098.4	114	6.2	2.497	0.283	280	0.702	0.000	1.000
2098.6	119	6.0	2.415	0.335	299	Coal		
2098.8	102	6.8	2.198	0.416	326	Coal		
2099.0	67	10.0	1.668	0.490	374	Coal		
2099.2	36	15.7	1.348	0.506	422	Coal		
2099.4	27	26.9	1.245	0.512	455	Coal		
2099.6	32	37.8	1.240	0.571	458	Coal		
2099.8	38	46.3	1.271	0.612	450	Coal		
2100.0	56	61.3	1.340	0.545	448	Coal		
2100.2	78	37.8	1.421	0.496	474	Coal		
2100.4	91	17.5	1.500	0.512	484	Coal		
2100.6	99	14.3	1.678	0.471	475	Coal		
2100.8	111	12.8	2.008	0.390	421	Coal		
2101.0	122	14.0	2.320	0.305	339	Coal		
2101.2	122	11.7	2.475	0.266	298	0.610	0.014	0.930
2101.4	116	10.1	2.475	0.236	277	0.517	0.051	0.911
2101.6	105	8.8	2.475	0.227	277	0.492	0.061	0.904
2101.8	104	8.5	2.466	0.229	275	0.480	0.070	0.908
2102.0	120	8.9	2.467	0.258	278	0.570	0.031	0.920
2102.2	134	9.8	2.474	0.305	281	0.728	0.000	0.931
2102.4	137	10.1	2.414	0.339	290	0.723	0.000	0.934
2102.6	123	11.2	2.299	0.374	319	0.613	0.031	0.929
2102.8	109	8.3	2.257	0.336	320	0.420	0.205	0.923
2103.0	94	4.4	2.297	0.263	322	0.272	0.193	0.919
2103.2	83	2.9	2.296	0.225	299	0.153	0.202	0.921
2103.4	81	2.5	2.298	0.212	299	0.119	0.204	0.925
2103.6	85	3.2	2.346	0.225	294	0.246	0.165	0.930
2103.8	95	4.7	2.391	0.246	283	0.395	0.130	0.932
2104.0	111	7.7	2.431	0.266	274	0.530	0.060	0.932
2104.2	120	9.8	2.480	0.268	270	0.627	0.007	0.928
2104.4	122	11.0	2.516	0.253	269	0.647	0.000	0.919
2104.6	119	11.8	2.521	0.219	264	0.553	0.023	0.904
2104.8	109	11.3	2.501	0.189	257	0.424	0.066	0.886
2105.0	93	9.0	2.455	0.173	258	0.289	0.099	0.871
2105.2	90	8.1	2.425	0.177	260	0.248	0.118	0.867
2105.4	98	7.6	2.429	0.191	267	0.298	0.114	0.878
2105.6	105	8.4	2.480	0.211	269	0.450	0.077	0.902
2105.8	107	9.5	2.522	0.225	268	0.572	0.018	0.932
2106.0	110	10.4	2.535	0.237	267	0.633	0.003	0.960
2106.2	117	10.8	2.534	0.253	268	0.682	0.000	0.981
2106.4	120	11.0	2.542	0.281	267	0.780	0.000	0.993
2106.6	119	10.8	2.542	0.300	271	0.841	0.000	0.998

2106.8	119	10.4	2.462	0.326	286	Coal		
2107.0	101	10.4	2.159	0.425	331	Coal		
2107.2	67	12.5	1.701	0.488	381	Coal		
2107.4	49	16.9	1.396	0.515	424	Coal		
2107.6	59	22.2	1.422	0.470	439	Coal		
2107.8	86	19.0	1.752	0.382	394	Coal		
2108.0	99	11.2	2.269	0.287	338	Coal		
2108.2	85	5.1	2.392	0.242	279	0.383	0.131	1.000
2108.4	71	3.0	2.349	0.216	279	0.224	0.165	1.000
2108.6	65	2.4	2.309	0.202	289	0.110	0.198	1.000
2108.8	74	2.5	2.353	0.204	290	0.196	0.164	1.000
2109.0	96	3.6	2.413	0.240	285	0.417	0.117	1.000
2109.2	109	5.5	2.453	0.273	283	0.591	0.025	1.000
2109.4	109	7.0	2.457	0.277	284	0.612	0.015	1.000
2109.6	107	7.6	2.464	0.255	282	0.555	0.038	1.000
2109.8	107	8.1	2.484	0.243	277	0.556	0.032	1.000
2110.0	109	9.1	2.499	0.256	272	0.625	0.007	0.998
2110.2	113	9.4	2.477	0.269	280	0.624	0.009	0.998
2110.4	109	8.6	2.477	0.273	290	0.637	0.004	0.999
2110.6	108	7.8	2.477	0.264	292	0.610	0.014	1.000
2110.8	109	8.1	2.434	0.304	286	Coal		
2111.0	103	10.8	2.195	0.395	289	Coal		
2111.2	94	16.9	1.830	0.451	349	Coal		
2111.4	89	12.1	1.811	0.413	374	Coal		
2111.6	88	7.9	2.094	0.305	358	Coal		
2111.8	89	6.6	2.399	0.221	303	Coal		
2112.0	93	6.1	2.448	0.225	268	0.436	0.095	0.959
2112.2	88	6.6	2.448	0.225	264	0.436	0.095	0.956
2112.4	80	6.5	2.448	0.223	266	0.430	0.096	0.960
2112.6	77	5.5	2.444	0.226	268	0.431	0.098	0.970
2112.8	82	5.2	2.449	0.239	273	0.480	0.078	0.982
2113.0	98	5.9	2.479	0.261	276	0.605	0.015	0.993
2113.2	111	6.9	2.515	0.276	281	0.714	0.000	0.999
2113.4	114	9.1	2.510	0.265	279	0.672	0.000	1.000
2113.6	112	10.0	2.509	0.271	279	0.688	0.000	1.000
2113.8	115	10.2	2.516	0.293	280	0.770	0.000	1.000
2114.0	124	10.9	2.506	0.320	284	0.835	0.000	0.997
2114.2	131	11.3	2.493	0.312	288	0.786	0.000	0.990
2114.4	132	11.5	2.450	0.305	298	0.685	0.000	0.975
2114.6	134	11.4	2.398	0.325	309	0.649	0.000	0.953
2114.8	128	10.7	2.399	0.320	314	0.635	0.008	0.927
2115.0	118	9.5	2.427	0.272	298	0.541	0.055	0.899
2115.2	107	7.0	2.432	0.238	285	0.447	0.104	0.875
2115.4	97	6.0	2.422	0.222	278	0.379	0.114	0.857
2115.6	101	6.5	2.451	0.217	281	0.418	0.095	0.845
2115.8	109	8.3	2.453	0.248	288	0.514	0.060	0.842
2116.0	92	6.3	2.288	0.303	312	0.377	0.191	0.849
2116.2	61	3.2	2.148	0.319	324	0.167	0.289	0.868
2116.4	39	1.8	2.120	0.282	327	0.003	0.323	0.897
2116.6	34	1.3	2.141	0.251	317	0.000	0.304	0.930
2116.8	34	1.3	2.150	0.250	314	0.000	0.300	0.962
2117.0	34	1.3	2.160	0.259	310	0.007	0.298	0.984
2117.2	37	1.4	2.093	0.289	313	Coal		
2117.4	39	2.0	1.989	0.325	335	Coal		
2117.6	41	2.8	1.987	0.321	350	Coal		
2117.8	42	3.2	2.109	0.271	349	Coal		
2118.0	46	2.8	2.251	0.250	331	0.147	0.230	0.937
2118.2	50	2.5	2.251	0.246	313	0.135	0.231	0.930
2118.4	52	2.6	2.251	0.250	305	0.146	0.230	0.936

2118.6	55	2.6	2.277	0.246	303	0.182	0.211	0.956
2118.8	56	2.3	2.270	0.234	302	0.132	0.220	0.986
2119.0	50	1.9	2.250	0.229	303	0.079	0.237	1.000
2119.2	50	1.8	2.242	0.224	300	0.051	0.244	1.000
2119.4	52	1.7	2.253	0.225	298	0.074	0.235	1.000
2119.6	51	1.7	2.281	0.227	297	0.133	0.213	1.000
2119.8	46	1.7	2.273	0.224	298	0.110	0.220	1.000
2120.0	46	1.8	2.268	0.224	298	0.099	0.224	1.000
2120.2	52	2.0	2.275	0.221	297	0.103	0.219	1.000
2120.4	61	2.1	2.293	0.216	297	0.120	0.207	1.000
2120.6	67	2.3	2.316	0.217	295	0.166	0.189	1.000
2120.8	73	2.7	2.340	0.218	288	0.214	0.170	1.000
2121.0	71	3.0	2.355	0.223	286	0.259	0.159	1.000
2121.2	71	3.0	2.355	0.244	289	0.321	0.156	1.000
2121.4	69	3.5	2.106	0.319	309	Coal		
2121.6	69	4.5	1.928	0.371	340	Coal		
2121.8	72	4.5	1.997	0.327	338	Coal		
2122.0	69	3.2	2.227	0.239	326	Coal		
2122.2	70	2.6	2.450	0.211	290	0.397	0.097	1.000
2122.4	83	2.8	2.450	0.210	282	0.393	0.097	1.000
2122.6	91	3.8	2.450	0.215	273	0.408	0.096	1.000
2122.8	97	5.6	2.466	0.228	270	0.477	0.072	1.000
2123.0	101	6.8	2.474	0.241	271	0.534	0.043	1.000
2123.2	107	7.7	2.484	0.252	272	0.585	0.022	1.000
2123.4	115	8.6	2.489	0.273	273	0.660	0.000	1.000
2123.6	123	9.1	2.484	0.280	284	0.671	0.000	1.000
2123.8	121	9.0	2.487	0.272	284	0.652	0.000	1.000
2124.0	111	9.3	2.524	0.267	279	0.705	0.000	0.998
2124.2	111	9.8	2.565	0.287	267	0.842	0.000	0.994
2124.4	120	10.3	2.561	0.296	271	0.863	0.000	0.987
2124.6	114	10.9	2.532	0.279	268	0.757	0.000	0.979
2124.8	101	10.3	2.505	0.235	267	0.573	0.022	0.973
2125.0	105	10.2	2.495	0.209	258	0.475	0.059	0.971
2125.2	109	10.1	2.512	0.229	257	0.566	0.022	0.973
2125.4	108	10.3	2.546	0.258	261	0.718	0.000	0.979
2125.6	115	10.5	2.559	0.278	267	0.802	0.000	0.987
2125.8	133	9.8	2.539	0.304	276	0.845	0.000	0.994
2126.0	140	9.0	2.517	0.319	280	0.850	0.000	0.998
2126.2	133	8.4	2.509	0.326	289	0.857	0.000	1.000
2126.4	129	8.1	2.509	0.315	292	0.822	0.000	1.000
2126.6	131	8.6	2.509	0.341	297	0.903	0.000	1.000
2126.8	122	11.8	2.122	0.405	325	Coal		
2127.0	101	16.7	1.756	0.483	376	Coal		
2127.2	95	18.9	1.650	0.497	408	Coal		
2127.4	102	13.1	1.887	0.400	395	Coal		
2127.6	102	7.1	2.181	0.286	342	Coal		
2127.8	93	4.3	2.373	0.217	306	0.272	0.148	0.996
2128.0	87	3.4	2.373	0.210	284	0.250	0.149	0.998
2128.2	91	3.7	2.373	0.214	281	0.264	0.149	0.999
2128.4	104	5.1	2.428	0.226	271	0.401	0.109	0.998
2128.6	119	7.0	2.487	0.260	273	0.615	0.011	0.993
2128.8	126	8.5	2.515	0.269	272	0.694	0.000	0.987
2129.0	120	9.1	2.504	0.268	275	0.673	0.000	0.983
2129.2	108	8.8	2.447	0.273	273	0.580	0.031	0.987
2129.4	91	6.0	2.379	0.262	275	0.420	0.136	1.000
2129.6	78	3.0	2.336	0.238	280	0.270	0.170	1.000
2129.8	73	2.0	2.302	0.230	287	0.180	0.196	1.000
2130.0	72	1.9	2.290	0.217	291	0.120	0.209	1.000
2130.2	75	2.1	2.310	0.214	290	0.146	0.194	1.000

2130.4	74	2.6	2.342	0.211	285	0.198	0.171	1.000
2130.6	83	3.3	2.377	0.216	278	0.278	0.145	1.000
2130.8	94	4.0	2.399	0.222	274	0.337	0.129	1.000
2131.0	95	3.9	2.402	0.236	272	0.383	0.125	1.000
2131.2	96	4.1	2.408	0.238	275	0.402	0.121	1.000
2131.4	105	4.5	2.433	0.245	271	0.470	0.092	0.981
2131.6	108	5.6	2.461	0.246	270	0.525	0.052	0.940
2131.8	106	7.9	2.436	0.259	279	0.518	0.064	0.900
2132.0	100	8.4	2.397	0.270	291	0.481	0.103	0.869
2132.2	95	7.7	2.394	0.261	293	0.445	0.126	0.855
2132.4	94	6.9	2.434	0.232	290	0.433	0.104	0.862
2132.6	96	7.0	2.434	0.222	274	0.403	0.105	0.887
2132.8	103	8.0	2.273	0.289	288	Coal		
2133.0	103	9.2	2.121	0.368	317	Coal		
2133.2	92	8.9	2.189	0.333	319	Coal		
2133.4	79	5.2	2.328	0.244	325	Coal		
2133.6	72	3.1	2.341	0.203	283	0.170	0.174	1.000
2133.8	68	2.3	2.331	0.198	287	0.137	0.183	1.000
2134.0	66	2.3	2.331	0.204	288	0.154	0.181	1.000
2134.2	67	2.6	2.347	0.206	282	0.190	0.168	1.000
2134.4	77	3.1	2.396	0.211	281	0.295	0.133	1.000
2134.6	89	4.3	2.435	0.226	276	0.416	0.105	1.000
2134.8	97	6.0	2.455	0.257	271	0.547	0.044	1.000
2135.0	100	6.8	2.449	0.262	269	0.552	0.043	1.000
2135.2	83	4.6	2.395	0.245	275	0.397	0.128	1.000
2135.4	66	2.8	2.331	0.227	285	0.226	0.175	1.000
2135.6	61	2.1	2.317	0.227	292	0.201	0.185	1.000
2135.8	63	2.3	2.360	0.211	289	0.230	0.158	1.000
2136.0	70	2.8	2.391	0.211	285	0.289	0.136	1.000
2136.2	76	3.6	2.415	0.228	280	0.384	0.117	1.000
2136.4	86	4.5	2.456	0.225	276	0.450	0.090	1.000
2136.6	98	5.6	2.483	0.225	272	0.502	0.054	1.000
2136.8	102	6.8	2.490	0.229	268	0.525	0.042	1.000
2137.0	103	7.8	2.502	0.233	270	0.562	0.026	1.000
2137.2	96	8.3	2.507	0.225	270	0.545	0.029	1.000
2137.4	93	9.0	2.500	0.223	265	0.528	0.037	1.000
2137.6	99	9.6	2.500	0.239	267	0.577	0.021	1.000
2137.8	103	11.3	2.500	0.285	271	0.717	0.000	0.999
2138.0	96	11.1	2.331	0.350	287	Coal		
2138.2	75	4.9	2.151	0.351	309	Coal		
2138.4	62	2.6	2.165	0.300	314	Coal		
2138.6	62	2.1	2.298	0.225	313	Coal		
2138.8	70	2.6	2.364	0.198	291	Coal		
2139.0	81	4.2	2.540	0.216	279	0.580	0.013	1.000
2139.2	89	5.6	2.540	0.229	273	0.620	0.005	1.000
2139.4	95	7.1	2.540	0.225	268	0.606	0.008	1.000
2139.6	104	8.6	2.569	0.255	266	0.751	0.000	1.000
2139.8	113	9.0	2.541	0.264	267	0.728	0.000	1.000
2140.0	113	8.8	2.516	0.253	270	0.649	0.000	1.000
2140.2	118	9.0	2.503	0.273	276	0.686	0.000	1.000
2140.4	124	9.7	2.469	0.303	287	0.715	0.000	1.000
2140.6	120	10.5	2.433	0.326	300	0.718	0.000	1.000
2140.8	107	11.1	2.446	0.301	295	0.665	0.000	1.000
2141.0	105	11.4	2.520	0.243	277	0.625	0.006	1.000
2141.2	106	11.3	2.573	0.215	251	0.639	0.000	1.000
2141.4	106	11.3	2.573	0.215	245	0.637	0.000	1.000
2141.6	108	11.6	2.574	0.201	243	0.599	0.004	0.998
2141.8	114	11.8	2.569	0.201	244	0.588	0.006	0.991
2142.0	115	11.9	2.557	0.210	244	0.595	0.007	0.977

2142.2	115	11.8	2.554	0.218	246	0.613	0.005	0.955
2142.4	115	11.8	2.541	0.216	249	0.582	0.012	0.925
2142.6	115	11.2	2.499	0.215	252	0.499	0.048	0.892
2142.8	106	10.7	2.485	0.198	255	0.424	0.075	0.865
2143.0	95	10.1	2.489	0.208	257	0.460	0.068	0.848
2143.2	90	9.5	2.483	0.216	259	0.473	0.066	0.845
2143.4	88	8.8	2.470	0.198	259	0.394	0.086	0.855
2143.6	84	8.3	2.466	0.189	260	0.361	0.089	0.875
2143.8	83	7.8	2.464	0.193	258	0.368	0.090	0.899
2144.0	85	7.1	2.465	0.200	258	0.390	0.089	0.926
2144.2	91	6.8	2.460	0.209	257	0.410	0.091	0.958
2144.4	95	6.5	2.459	0.222	258	0.450	0.089	0.995
2144.6	96	6.0	2.456	0.225	259	0.452	0.089	1.000
2144.8	90	5.4	2.456	0.213	262	0.416	0.092	1.000
2145.0	87	4.4	2.445	0.203	265	0.365	0.102	1.000
2145.2	88	4.1	2.434	0.187	266	0.295	0.111	1.000
2145.4	89	3.9	2.427	0.196	267	0.307	0.115	1.000
2145.6	88	3.3	2.389	0.216	270	0.300	0.137	1.000
2145.8	75	2.4	2.312	0.243	279	0.239	0.186	1.000
2146.0	54	1.9	2.251	0.248	286	0.141	0.230	1.000
2146.2	41	1.6	2.233	0.230	289	0.053	0.249	1.000
2146.4	37	1.6	2.240	0.223	288	0.043	0.246	1.000
2146.6	39	1.7	2.241	0.220	289	0.037	0.246	1.000
2146.8	43	1.9	2.270	0.200	291	0.029	0.229	1.000
2147.0	43	2.2	2.306	0.182	286	0.039	0.206	1.000
2147.2	43	2.5	2.326	0.182	281	0.080	0.190	1.000
2147.4	41	2.4	2.326	0.193	278	0.113	0.188	1.000
2147.6	39	1.9	2.275	0.204	281	Coal		
2147.8	43	1.5	2.180	0.229	289	Coal		
2148.0	63	1.9	2.055	0.318	316	Coal		
2148.2	88	3.6	2.078	0.353	331	Coal		
2148.4	112	9.3	2.229	0.335	333	Coal		
2148.6	122	9.9	2.282	0.334	310	Coal		
2148.8	127	9.6	2.404	0.293	295	0.562	0.050	0.893
2149.0	130	9.9	2.389	0.277	278	0.485	0.104	0.876
2149.2	126	9.6	2.304	0.315	278	0.445	0.177	0.876
2149.4	126	9.2	2.363	0.313	274	0.548	0.070	0.890
2149.6	127	9.3	2.500	0.295	279	0.745	0.000	0.910
2149.8	131	11.1	2.514	0.298	259	0.784	0.000	0.925
2150.0	135	12.0	2.449	0.300	264	0.666	0.000	0.927
2150.2	130	12.9	2.409	0.320	279	0.656	0.000	0.915
2150.4	116	10.3	2.383	0.305	296	0.561	0.055	0.900
2150.6	102	7.4	2.393	0.277	291	0.492	0.098	0.891
2150.8	95	5.9	2.418	0.233	284	0.406	0.115	0.895
2151.0	105	6.0	2.438	0.248	277	0.487	0.080	0.911
2151.2	121	8.5	2.392	0.312	288	Coal		
2151.4	128	12.0	2.298	0.364	313	Coal		
2151.6	119	12.9	2.298	0.349	329	Coal		
2151.8	108	11.8	2.435	0.288	304	0.605	0.021	0.962
2152.0	106	8.8	2.435	0.277	281	0.571	0.038	0.964
2152.2	99	6.1	2.412	0.277	273	0.529	0.067	0.973
2152.4	79	3.7	2.363	0.258	283	0.382	0.147	0.990
2152.6	67	2.8	2.349	0.227	288	0.258	0.163	1.000
2152.8	68	3.3	2.430	0.176	283	0.255	0.115	1.000
2153.0	67	6.3	2.579	0.112	238	0.335	0.025	1.000
2153.2	62	35.2	2.679	0.074	199	0.405	0.000	1.000
2153.4	60	91.6	2.683	0.068	185	0.391	0.000	1.000
2153.6	62	93.2	2.669	0.076	188	0.390	0.000	1.000
2153.8	60	83.3	2.661	0.087	189	0.409	0.000	1.000

2154.0	59	91.5	2.647	0.089	188	0.388	0.000	1.000
2154.2	59	107.4	2.652	0.081	189	0.375	0.000	1.000
2154.4	62	68.5	2.654	0.077	186	0.366	0.000	1.000
2154.6	69	22.1	2.606	0.109	195	0.373	0.008	1.000
2154.8	80	10.3	2.539	0.178	222	0.461	0.040	1.000
2155.0	96	7.7	2.519	0.217	249	0.544	0.027	1.000
2155.2	109	7.5	2.528	0.246	263	0.649	0.000	1.000
2155.4	127	8.9	2.528	0.292	267	0.790	0.000	1.000
2155.6	143	10.5	2.528	0.322	277	0.883	0.000	1.000
2155.8	134	12.4	2.344	0.356	292	Coal		
2156.0	94	15.1	1.979	0.418	329	Coal		
2156.2	50	20.1	1.660	0.490	371	Coal		
2156.4	35	34.6	1.471	0.495	418	Coal		
2156.6	43	32.1	1.425	0.489	430	Coal		
2156.8	69	28.5	1.499	0.474	461	Coal		
2157.0	95	23.4	1.594	0.465	442	Coal		
2157.2	109	15.1	1.748	0.443	397	Coal		
2157.4	103	7.7	2.041	0.352	341	Coal		
2157.6	94	6.0	2.308	0.236	303	Coal		
2157.8	88	3.8	2.413	0.198	273	0.290	0.124	1.000
2158.0	84	3.4	2.413	0.182	270	0.240	0.126	1.000
2158.2	86	3.8	2.413	0.173	265	0.212	0.127	1.000
2158.4	97	5.7	2.461	0.175	257	0.308	0.095	1.000
2158.6	88	10.1	2.508	0.149	239	0.316	0.067	1.000
2158.8	65	18.1	2.562	0.095	226	0.251	0.037	1.000
2159.0	55	28.1	2.589	0.075	210	0.239	0.021	1.000
2159.2	62	16.1	2.559	0.103	203	0.269	0.039	1.000
2159.4	70	7.8	2.467	0.145	228	0.227	0.095	1.000
2159.6	72	5.9	2.407	0.175	242	0.206	0.132	1.000
2159.8	73	4.6	2.407	0.204	261	0.296	0.127	1.000
2160.0	86	4.7	2.433	0.218	265	0.388	0.107	1.000
2160.2	103	5.5	2.454	0.223	274	0.443	0.092	1.000
2160.4	118	7.0	2.427	0.243	269	Coal		
2160.6	117	10.3	2.147	0.308	286	Coal		
2160.8	94	16.1	1.644	0.438	345	Coal		
2161.0	73	19.6	1.372	0.536	438	Coal		
2161.2	71	27.6	1.379	0.533	486	Coal		
2161.4	82	28.9	1.668	0.482	475	Coal		
2161.6	93	23.3	2.078	0.420	417	Coal		
2161.8	91	10.5	2.383	0.313	340	0.586	0.040	0.977
2162.0	73	5.0	2.383	0.207	299	0.263	0.143	0.981
2162.2	64	3.5	2.383	0.185	278	0.194	0.147	0.989
2162.4	76	4.2	2.391	0.202	278	0.259	0.138	0.996
2162.6	93	6.6	2.357	0.250	274	Coal		
2162.8	87	11.7	2.007	0.350	289	Coal		
2163.0	62	22.4	1.613	0.446	334	Coal		
2163.2	34	35.5	1.521	0.453	372	Coal		
2163.4	24	58.1	1.545	0.474	403	Coal		
2163.6	25	78.8	1.415	0.519	408	Coal		
2163.8	36	47.9	1.280	0.507	431	Coal		
2164.0	61	30.3	1.363	0.473	464	Coal		
2164.2	81	15.5	1.700	0.400	442	Coal		
2164.4	83	9.2	2.191	0.272	382	Coal		
2164.6	72	6.6	2.409	0.194	297	0.268	0.127	0.991
2164.8	63	4.2	2.388	0.192	270	0.226	0.142	1.000
2165.0	61	3.2	2.352	0.198	277	0.176	0.167	1.000
2165.2	65	3.1	2.366	0.197	279	0.198	0.157	1.000
2165.4	72	3.5	2.408	0.198	279	0.281	0.127	1.000
2165.6	88	4.7	2.442	0.209	278	0.378	0.103	1.000

2165.8	108	6.7	2.475	0.243	286	0.543	0.040	1.000
2166.0	120	10.5	2.488	0.286	288	0.698	0.000	1.000
2166.2	123	12.5	2.497	0.292	288	0.732	0.000	1.000
2166.4	123	10.8	2.503	0.268	282	0.671	0.000	1.000
2166.6	115	7.8	2.492	0.269	277	0.653	0.000	1.000
2166.8	113	6.2	2.481	0.259	273	0.605	0.015	1.000
2167.0	117	6.7	2.481	0.244	274	0.559	0.032	0.998
2167.2	115	8.8	2.481	0.256	275	0.595	0.019	0.993
2167.4	109	9.6	2.335	0.333	288	Coal		
2167.6	102	9.9	2.253	0.358	321	Coal		
2167.8	92	8.5	2.319	0.257	316	Coal		
2168.0	97	8.1	2.427	0.227	305	0.403	0.110	0.955
2168.2	116	9.6	2.427	0.293	285	0.605	0.022	0.944
2168.4	131	12.6	2.392	0.346	311	0.703	0.000	0.933
2168.6	119	13.1	2.354	0.340	327	0.615	0.024	0.923
2168.8	100	7.9	2.340	0.278	315	0.398	0.160	0.917
2169.0	78	4.2	2.314	0.215	297	0.158	0.191	0.918
2169.2	66	2.7	2.280	0.217	290	0.101	0.216	0.926
2169.4	66	2.4	2.295	0.219	296	0.133	0.205	0.937
2169.6	75	2.7	2.318	0.208	294	0.145	0.190	0.945
2169.8	81	3.3	2.321	0.206	288	0.142	0.188	0.946
2170.0	88	3.8	2.345	0.210	284	0.200	0.169	0.936
2170.2	104	4.4	2.387	0.207	281	0.268	0.140	0.919
2170.4	124	5.8	2.433	0.200	270	0.333	0.110	0.901
2170.6	124	8.4	2.456	0.194	259	0.356	0.096	0.889
2170.8	105	8.6	2.445	0.192	253	0.330	0.103	0.889
2171.0	75	4.2	2.334	0.201	258	0.153	0.179	0.903
2171.2	51	2.2	2.230	0.225	266	0.031	0.253	0.928
2171.4	46	1.6	2.188	0.225	276	0.000	0.276	0.960
2171.6	49	1.6	2.209	0.224	290	0.000	0.268	0.993
2171.8	51	2.0	2.243	0.203	284	0.000	0.247	1.000
2172.0	50	2.3	2.290	0.194	277	0.049	0.215	1.000
2172.2	46	2.5	2.320	0.201	268	0.126	0.190	1.000
2172.4	43	2.3	2.304	0.214	271	0.136	0.199	1.000
2172.6	47	2.1	2.304	0.224	277	0.165	0.197	1.000
2172.8	57	2.4	2.324	0.225	269	0.207	0.181	1.000
2173.0	69	4.9	2.161	0.298	271	Coal		
2173.2	69	13.9	1.676	0.433	314	Coal		
2173.4	63	29.7	1.379	0.522	379	Coal		
2173.6	64	26.3	1.435	0.469	425	Coal		
2173.8	75	11.3	1.812	0.349	385	Coal		
2174.0	77	5.4	2.260	0.268	345	Coal		
2174.2	80	4.1	2.365	0.246	299	0.349	0.148	0.909
2174.4	86	4.2	2.365	0.232	285	0.304	0.151	0.878
2174.6	94	5.1	2.365	0.220	282	0.268	0.153	0.855
2174.8	104	6.0	2.389	0.233	282	0.351	0.135	0.844
2175.0	114	7.8	2.418	0.234	275	0.409	0.115	0.851
2175.2	118	9.8	2.454	0.237	275	0.486	0.074	0.872
2175.4	118	11.4	2.457	0.259	273	0.558	0.039	0.902
2175.6	123	13.8	2.457	0.321	274	0.749	0.000	0.935
2175.8	116	15.8	2.309	0.367	280	Coal		
2176.0	92	20.3	1.819	0.424	316	Coal		
2176.2	76	24.3	1.438	0.503	363	Coal		
2176.4	80	26.4	1.380	0.553	444	Coal		
2176.6	98	17.2	1.630	0.493	450	Coal		
2176.8	106	9.3	2.073	0.336	395	Coal		
2177.0	101	7.9	2.390	0.231	319	0.348	0.135	0.907
2177.2	93	5.7	2.390	0.208	272	0.276	0.138	0.889
2177.4	91	5.2	2.390	0.195	276	0.237	0.140	0.878

2177.6	84	4.6	2.376	0.194	280	0.209	0.150	0.876
2177.8	77	4.1	2.335	0.210	285	0.182	0.176	0.881
2178.0	71	3.5	2.304	0.214	291	0.136	0.199	0.888
2178.2	66	2.9	2.287	0.214	285	0.104	0.212	0.897
2178.4	60	2.5	2.266	0.219	285	0.080	0.227	0.904
2178.6	52	2.4	2.253	0.234	285	0.103	0.233	0.909
2178.8	48	2.4	2.255	0.238	288	0.119	0.230	0.913
2179.0	45	2.3	2.240	0.238	292	0.089	0.242	0.915
2179.2	45	2.3	2.237	0.234	297	0.073	0.245	0.917
2179.4	44	2.2	2.228	0.222	300	0.021	0.255	0.921
2179.6	44	2.1	2.218	0.210	300	0.000	0.259	0.925
2179.8	46	2.0	2.221	0.224	302	0.014	0.260	0.926
2180.0	49	2.2	2.247	0.225	301	0.065	0.240	0.923
2180.2	60	2.7	2.299	0.225	297	0.160	0.200	0.916
2180.4	84	3.9	2.368	0.238	288	0.329	0.148	0.910
2180.6	108	7.1	2.412	0.241	279	0.419	0.118	0.909
2180.8	112	11.3	2.447	0.246	275	0.499	0.071	0.918
2181.0	103	13.7	2.377	0.312	272	Coal		
2181.2	81	17.6	1.859	0.427	333	Coal		
2181.4	51	22.0	1.443	0.506	372	Coal		
2181.6	32	26.7	1.349	0.523	418	Coal		
2181.8	24	29.8	1.422	0.538	458	Coal		
2182.0	23	38.8	1.379	0.515	450	Coal		
2182.2	32	38.5	1.335	0.473	451	Coal		
2182.4	52	24.0	1.551	0.359	438	Coal		
2182.6	73	14.3	2.055	0.246	379	Coal		
2182.8	84	7.9	2.384	0.220	310	0.302	0.140	0.934
2183.0	78	4.7	2.369	0.221	275	0.278	0.150	0.937
2183.2	67	3.7	2.332	0.204	274	0.156	0.181	0.952
2183.4	70	2.9	2.338	0.199	282	0.153	0.177	0.976
2183.6	76	3.5	2.376	0.208	282	0.252	0.148	1.000
2183.8	86	5.8	2.446	0.197	277	0.349	0.102	1.000
2184.0	85	11.4	2.531	0.172	249	0.430	0.049	1.000
2184.2	85	13.7	2.542	0.168	236	0.437	0.043	1.000
2184.4	94	9.8	2.542	0.192	252	0.510	0.028	1.000
2184.6	103	7.7	2.542	0.220	264	0.596	0.009	1.000
2184.8	102	8.3	2.252	0.288	272	Coal		
2185.0	84	11.8	1.819	0.418	316	Coal		
2185.2	63	16.3	1.522	0.498	362	Coal		
2185.4	64	15.7	1.573	0.456	428	Coal		
2185.6	83	14.7	1.990	0.354	418	Coal		
2185.8	97	10.9	2.190	0.297	376	Coal		
2186.0	102	9.4	2.089	0.316	313	Coal		
2186.2	103	8.0	1.991	0.381	341	Coal		
2186.4	107	8.5	2.036	0.403	371	Coal		
2186.6	107	8.4	2.202	0.365	359	0.410	0.000	0.965
2186.8	106	9.6	2.211	0.344	306	Coal		
2187.0	104	10.2	1.983	0.386	320	Coal		
2187.2	106	13.7	1.776	0.472	361	Coal		
2187.4	110	22.6	1.660	0.497	409	Coal		
2187.6	117	23.1	1.679	0.436	424	Coal		
2187.8	115	16.7	1.803	0.421	422	Coal		
2188.0	101	10.5	1.971	0.386	387	Coal		
2188.2	82	5.1	2.142	0.300	353	Coal		
2188.4	69	3.2	2.387	0.217	312	0.300	0.139	1.000
2188.6	63	2.6	2.387	0.206	294	0.265	0.141	1.000
2188.8	66	3.3	2.387	0.215	294	0.294	0.139	1.000
2189.0	83	5.7	2.441	0.229	288	0.438	0.100	0.989
2189.2	97	9.5	2.471	0.228	282	0.491	0.064	0.959

2189.4	108	11.1	2.476	0.222	282	0.481	0.066	0.944
2189.6	114	10.7	2.268	0.309	287	Coal		
2189.8	107	11.5	1.862	0.447	350	Coal		
2190.0	99	14.6	1.618	0.525	412	Coal		
2190.2	99	13.0	1.751	0.429	430	Coal		
2190.4	95	6.6	2.116	0.311	379	Coal		
2190.6	89	5.4	2.416	0.234	327	0.408	0.116	0.931
2190.8	91	4.8	2.416	0.214	285	0.345	0.119	0.904
2191.0	103	5.9	2.416	0.221	276	0.367	0.118	0.881
2191.2	116	7.4	2.429	0.248	272	0.472	0.094	0.869
2191.4	123	7.3	2.409	0.268	278	0.496	0.088	0.874
2191.6	111	5.2	2.359	0.258	279	0.373	0.151	0.894
2191.8	90	3.6	2.347	0.233	284	0.274	0.164	0.923
2192.0	68	3.0	2.355	0.217	287	0.240	0.160	0.949
2192.2	59	3.1	2.359	0.207	284	0.216	0.160	0.961
2192.4	62	3.7	2.372	0.206	282	0.239	0.151	0.956
2192.6	71	5.2	2.409	0.212	280	0.324	0.125	0.940
2192.8	92	6.4	2.446	0.215	276	0.403	0.100	0.922
2193.0	109	9.2	2.472	0.224	273	0.480	0.068	0.914
2193.2	110	10.0	2.485	0.227	265	0.511	0.050	0.920
2193.4	104	10.9	2.384	0.248	273	Coal		
2193.6	93	13.7	1.966	0.343	290	Coal		
2193.8	77	19.9	1.522	0.435	343	Coal		
2194.0	56	43.4	1.336	0.454	402	Coal		
2194.2	43	274.7	1.278	0.497	443	Coal		
2194.4	43	464.9	1.263	0.542	450	Coal		
2194.6	52	155.7	1.314	0.539	455	Coal		
2194.8	73	33.7	1.497	0.485	440	Coal		
2195.0	97	11.2	1.890	0.350	402	Coal		
2195.2	107	6.3	2.328	0.247	336	Coal		
2195.4	106	5.2	2.475	0.216	288	0.461	0.075	1.000
2195.6	110	5.5	2.475	0.226	275	0.492	0.061	1.000
2195.8	111	7.3	2.475	0.226	274	0.493	0.061	1.000
2196.0	118	9.0	2.494	0.237	268	0.559	0.029	1.000
2196.2	120	10.7	2.506	0.251	273	0.627	0.006	1.000
2196.4	124	11.3	2.502	0.267	278	0.666	0.000	1.000
2196.6	127	11.6	2.506	0.271	286	0.688	0.000	1.000
2196.8	125	11.7	2.512	0.263	278	0.673	0.000	1.000
2197.0	117	11.7	2.509	0.271	271	0.694	0.000	1.000
2197.2	110	12.0	2.505	0.280	270	0.714	0.000	1.000
2197.4	118	12.7	2.510	0.262	270	0.667	0.000	1.000
2197.6	123	13.3	2.521	0.237	266	0.612	0.009	0.998
2197.8	121	12.6	2.526	0.242	264	0.633	0.004	0.994
2198.0	115	12.1	2.523	0.269	266	0.712	0.000	0.985
2198.2	115	11.0	2.506	0.292	277	0.752	0.000	0.969
2198.4	115	9.1	2.483	0.275	285	0.656	0.000	0.951
2198.6	112	8.0	2.465	0.248	284	0.540	0.044	0.936
2198.8	109	7.5	2.453	0.242	278	0.499	0.068	0.929
2199.0	109	7.5	2.458	0.243	279	0.510	0.061	0.934
2199.2	106	7.4	2.459	0.259	280	0.563	0.036	0.949
2199.4	95	5.7	2.458	0.255	280	0.548	0.043	0.969
2199.6	90	4.9	2.449	0.236	282	0.473	0.083	0.988
2199.8	98	5.5	2.452	0.240	283	0.492	0.072	0.999
2200.0	114	7.1	2.465	0.285	291	0.655	0.000	1.000
2200.2	124	11.9	2.477	0.295	292	0.706	0.000	1.000
2200.4	131	12.0	2.492	0.287	292	0.711	0.000	1.000
2200.6	129	11.8	2.482	0.303	294	0.741	0.000	1.000
2200.8	121	11.5	2.461	0.305	299	0.710	0.000	1.000
2201.0	110	10.8	2.474	0.258	289	0.588	0.023	1.000

2201.2	105	10.4	2.518	0.237	279	0.606	0.011	1.000
2201.4	110	9.9	2.541	0.243	275	0.665	0.000	1.000
2201.6	111	10.0	2.525	0.261	279	0.693	0.000	0.998
2201.8	113	10.2	2.518	0.256	279	0.663	0.000	0.995
2202.0	118	10.9	2.517	0.262	283	0.680	0.000	0.992
2202.2	122	11.0	2.501	0.284	285	0.717	0.000	0.992
2202.4	119	9.3	2.471	0.280	286	0.649	0.000	0.999
2202.6	110	7.5	2.455	0.232	276	0.475	0.079	1.000
2202.8	101	5.2	2.442	0.181	270	0.290	0.107	1.000
2203.0	101	4.7	2.437	0.191	267	0.313	0.109	1.000
2203.2	102	4.4	2.433	0.211	271	0.369	0.108	1.000
2203.4	98	4.5	2.423	0.224	263	0.391	0.113	1.000
2203.6	99	4.7	2.426	0.223	273	0.391	0.112	1.000
2203.8	103	5.3	2.436	0.237	273	0.455	0.100	1.000
2204.0	97	6.4	2.299	0.264	271	Coal		
2204.2	71	7.6	1.976	0.348	325	Coal		
2204.4	42	9.0	1.783	0.435	369	Coal		
2204.6	27	11.1	1.657	0.461	427	Coal		
2204.8	21	13.4	1.477	0.484	469	Coal		
2205.0	20	18.0	1.337	0.509	473	Coal		
2205.2	32	33.9	1.276	0.497	463	Coal		
2205.4	58	65.0	1.319	0.480	438	Coal		
2205.6	79	92.7	1.468	0.480	440	Coal		
2205.8	90	32.9	1.677	0.481	425	Coal		
2206.0	103	8.4	1.991	0.423	399	Coal		
2206.2	114	6.2	2.354	0.308	345	Coal		
2206.4	120	5.1	2.566	0.260	290	0.765	0.000	1.000
2206.6	129	6.0	2.566	0.262	269	0.774	0.000	1.000
2206.8	139	7.3	2.566	0.261	270	0.768	0.000	1.000
2207.0	131	9.3	2.393	0.284	280	Coal		
2207.2	101	13.2	1.987	0.389	324	Coal		
2207.4	69	11.2	1.593	0.460	380	Coal		
2207.6	60	5.1	1.616	0.394	378	Coal		
2207.8	62	2.9	1.976	0.292	335	Coal		
2208.0	64	1.8	2.261	0.256	288	0.185	0.221	1.000
2208.2	67	1.5	2.261	0.245	293	0.149	0.224	1.000
2208.4	66	1.6	2.261	0.248	291	0.161	0.223	1.000
2208.6	58	1.7	2.272	0.240	292	0.157	0.216	1.000
2208.8	58	2.0	2.292	0.210	289	0.102	0.210	1.000
2209.0	68	2.3	2.306	0.199	285	0.092	0.202	1.000
2209.2	87	3.0	2.375	0.215	279	0.273	0.147	1.000
2209.4	97	4.8	2.480	0.214	267	0.465	0.071	1.000
2209.6	98	8.0	2.531	0.182	248	0.461	0.045	1.000
2209.8	92	9.4	2.521	0.166	238	0.394	0.057	1.000
2210.0	89	8.6	2.498	0.176	243	0.382	0.071	1.000
2210.2	84	8.5	2.494	0.182	245	0.392	0.072	1.000
2210.4	76	7.1	2.506	0.195	252	0.454	0.061	1.000
2210.6	65	4.6	2.506	0.211	257	0.505	0.044	1.000
2210.8	54	3.1	2.444	0.222	268	0.422	0.100	1.000
2211.0	50	2.3	2.343	0.222	283	0.235	0.168	1.000
2211.2	50	2.1	2.291	0.214	290	0.114	0.209	1.000
2211.4	54	2.1	2.294	0.213	292	0.115	0.207	1.000
2211.6	58	2.3	2.318	0.203	287	0.131	0.191	1.000
2211.8	63	3.0	2.359	0.185	278	0.150	0.165	1.000
2212.0	67	3.7	2.388	0.192	271	0.226	0.142	1.000
2212.2	68	3.9	2.398	0.194	269	0.251	0.135	1.000
2212.4	65	3.8	2.398	0.198	270	0.262	0.134	1.000
2212.6	64	3.9	2.403	0.212	272	0.315	0.129	1.000
2212.8	63	4.2	2.424	0.208	266	0.341	0.115	1.000

2213.0	65	4.6	2.468	0.204	262	0.411	0.087	1.000
2213.2	71	4.8	2.469	0.210	259	0.432	0.085	1.000
2213.4	77	4.6	2.456	0.210	260	0.408	0.093	1.000
2213.6	83	4.3	2.436	0.221	263	0.404	0.105	1.000
2213.8	91	4.4	2.451	0.233	265	0.469	0.084	1.000
2214.0	112	5.4	2.504	0.246	263	0.606	0.012	1.000
2214.2	131	6.9	2.541	0.256	259	0.708	0.000	1.000
2214.4	140	8.2	2.538	0.275	259	0.758	0.000	1.000
2214.6	143	8.9	2.536	0.246	260	0.668	0.000	1.000
2214.8	152	9.1	2.534	0.232	259	0.620	0.006	1.000
2215.0	162	9.1	2.535	0.246	259	0.665	0.000	1.000
2215.2	168	8.8	2.529	0.256	258	0.686	0.000	1.000
2215.4	152	8.7	2.515	0.258	259	0.665	0.000	1.000
2215.6	135	9.4	2.540	0.260	258	0.716	0.000	1.000
2215.8	123	10.7	2.599	0.254	251	0.808	0.000	1.000
2216.0	118	11.4	2.613	0.243	243	0.804	0.000	1.000
2216.2	118	11.0	2.568	0.233	243	0.687	0.000	1.000
2216.4	124	9.9	2.546	0.240	248	0.666	0.000	1.000
2216.6	126	8.9	2.550	0.238	253	0.669	0.000	1.000
2216.8	126	8.5	2.538	0.238	255	0.647	0.000	1.000
2217.0	118	8.1	2.529	0.248	259	0.661	0.000	1.000
2217.2	113	8.1	2.550	0.247	263	0.696	0.000	1.000
2217.4	116	8.2	2.572	0.234	264	0.697	0.000	1.000
2217.6	117	8.6	2.571	0.237	262	0.703	0.000	1.000
2217.8	112	9.6	2.588	0.244	253	0.757	0.000	1.000
2218.0	102	11.4	2.628	0.245	243	0.837	0.000	1.000
2218.2	92	13.3	2.645	0.232	235	0.827	0.000	1.000
2218.4	95	14.0	2.636	0.230	230	0.805	0.000	1.000
2218.6	109	11.4	2.621	0.242	237	0.814	0.000	1.000
2218.8	120	9.8	2.619	0.274	254	0.909	0.000	1.000
2219.0	122	8.3	2.601	0.275	263	0.879	0.000	1.000
2219.2	117	8.0	2.588	0.284	255	0.882	0.000	1.000
2219.4	108	8.1	2.620	0.311	243	1.000	0.000	1.000
2219.6	107	8.1	2.671	0.320	239	1.000	0.000	1.000
2219.8	119	7.8	2.654	0.290	245	1.000	0.000	1.000
2220.0	127	7.2	2.595	0.284	262	0.893	0.000	1.000
2220.2	135	7.1	2.595	0.288	272	0.907	0.000	1.000
2220.4	131	7.1	2.587	0.301	276	0.930	0.000	1.000
2220.6	129	7.1	2.580	0.313	274	0.955	0.000	1.000
2220.8	130	7.0	2.560	0.313	273	0.919	0.000	1.000
2221.0	131	6.9	2.555	0.319	278	0.926	0.000	1.000
2221.2	134	6.7	2.564	0.322	280	0.955	0.000	1.000
2221.4	133	6.6	2.585	0.349	277	1.000	0.000	1.000
2221.6	127	7.0	2.601	0.349	274	1.000	0.000	1.000
2221.8	124	7.4	2.619	0.317	270	1.000	0.000	1.000
2222.0	124	7.6	2.628	0.291	267	0.977	0.000	1.000
2222.2	127	7.7	2.637	0.306	267	1.000	0.000	1.000
2222.4	126	7.2	2.698	0.296	263	1.000	0.000	1.000
2222.6	126	6.8	2.698	0.293	259	1.000	0.000	1.000
2222.8	124	6.0	2.485	0.314	259	Coal		
2223.0	120	6.6	2.184	0.403	292	Coal		
2223.2	117	7.4	2.065	0.440	335	Coal		
2223.4	126	8.4	2.218	0.357	342	Coal		
2223.6	135	7.9	2.437	0.254	313	Coal		
2223.8	137	6.3	2.465	0.224	276	0.469	0.077	1.000
2224.0	139	6.0	2.465	0.227	269	0.476	0.074	1.000
2224.2	137	5.6	2.455	0.224	269	0.448	0.092	1.000
2224.4	123	5.6	2.447	0.216	275	0.410	0.099	1.000
2224.6	107	6.1	2.470	0.221	273	0.467	0.075	1.000

2224.8	107	7.5	2.506	0.242	275	0.601	0.014	1.000
2225.0	114	9.4	2.510	0.263	276	0.672	0.000	1.000
2225.2	122	10.1	2.504	0.281	278	0.715	0.000	0.997
2225.4	128	10.7	2.504	0.281	278	0.716	0.000	0.992
2225.6	130	11.4	2.510	0.294	281	0.767	0.000	0.990
2225.8	123	11.4	2.487	0.287	275	0.703	0.000	0.996
2226.0	102	7.8	2.452	0.230	274	0.464	0.086	1.000
2226.2	83	4.7	2.437	0.203	268	0.352	0.107	1.000
2226.4	73	4.0	2.422	0.207	270	0.333	0.117	1.000
2226.6	65	3.6	2.398	0.207	274	0.292	0.133	1.000
2226.8	62	3.0	2.369	0.209	278	0.242	0.153	1.000
2227.0	62	2.7	2.355	0.213	285	0.229	0.161	1.000
2227.2	73	3.1	2.389	0.232	288	0.349	0.136	1.000
2227.4	92	4.5	2.456	0.254	286	0.542	0.046	1.000
2227.6	102	6.3	2.502	0.270	281	0.677	0.000	1.000
2227.8	105	7.2	2.509	0.285	282	0.739	0.000	1.000
2228.0	111	7.4	2.509	0.286	285	0.739	0.000	1.000
2228.2	123	8.0	2.522	0.280	287	0.746	0.000	1.000
2228.4	132	8.4	2.520	0.304	291	Coal		
2228.6	126	7.0	2.206	0.393	308	Coal		
2228.8	101	7.6	1.712	0.467	352	Coal		
2229.0	81	9.9	1.533	0.495	406	Coal		
2229.2	83	12.2	1.730	0.409	420	Coal		
2229.4	79	10.0	2.096	0.277	369	Coal		
2229.6	71	6.3	2.340	0.189	300	Coal		
2229.8	72	4.7	2.410	0.192	268	0.265	0.127	1.000
2230.0	73	4.4	2.406	0.199	268	0.281	0.129	1.000
2230.2	73	4.5	2.406	0.193	273	0.262	0.130	1.000
2230.4	76	4.6	2.419	0.192	269	0.283	0.121	1.000
2230.6	80	4.9	2.424	0.191	271	0.289	0.118	0.982
2230.8	85	5.6	2.425	0.189	272	0.285	0.117	0.955
2231.0	92	6.1	2.446	0.215	270	0.402	0.100	0.927
2231.2	98	6.9	2.449	0.227	267	0.448	0.095	0.904
2231.4	102	7.3	2.447	0.211	268	0.394	0.100	0.894
2231.6	108	7.3	2.447	0.192	268	0.336	0.102	0.897
2231.8	115	7.8	2.466	0.199	264	0.391	0.089	0.913
2232.0	111	8.1	2.492	0.210	261	0.475	0.061	0.939
2232.2	113	8.9	2.499	0.218	261	0.511	0.045	0.972
2232.4	118	9.1	2.502	0.225	263	0.540	0.033	1.000
2232.6	116	6.2	2.476	0.230	267	0.507	0.056	1.000
2232.8	97	3.9	2.405	0.218	281	0.336	0.127	1.000
2233.0	88	2.7	2.405	0.206	287	0.301	0.129	1.000
2233.2	97	2.8	2.405	0.218	287	0.336	0.127	1.000
2233.4	102	3.9	2.311	0.262	278	Coal		
2233.6	88	9.6	1.917	0.344	285	Coal		
2233.8	76	23.5	1.492	0.456	370	Coal		
2234.0	78	22.9	1.444	0.466	416	Coal		
2234.2	86	8.0	1.779	0.358	395	Coal		
2234.4	82	4.2	2.227	0.234	304	Coal		
2234.6	76	3.2	2.381	0.207	276	0.257	0.145	1.000
2234.8	79	3.4	2.381	0.195	277	0.223	0.147	1.000
2235.0	78	3.7	2.381	0.186	274	0.194	0.149	1.000
2235.2	74	4.1	2.393	0.191	270	0.231	0.139	1.000
2235.4	73	4.0	2.401	0.210	272	0.305	0.131	1.000
2235.6	73	3.9	2.407	0.210	271	0.317	0.127	1.000
2235.8	80	4.3	2.425	0.204	274	0.331	0.116	1.000
2236.0	99	4.9	2.466	0.223	273	0.466	0.078	1.000
2236.2	116	6.7	2.502	0.265	270	0.661	0.000	1.000
2236.4	123	8.0	2.502	0.287	281	0.731	0.000	1.000

2236.6	101	9.2	2.114	0.343	314	Coal		
2236.8	65	13.3	1.566	0.453	369	Coal		
2237.0	41	29.4	1.311	0.495	413	Coal		
2237.2	44	76.6	1.256	0.510	442	Coal		
2237.4	66	50.3	1.372	0.499	437	Coal		
2237.6	79	10.8	1.650	0.369	409	Coal		
2237.8	79	4.7	2.028	0.212	336	Coal		
2238.0	84	3.6	2.381	0.161	276	0.118	0.154	1.000
2238.2	91	3.6	2.381	0.187	274	0.198	0.148	1.000
2238.4	98	4.0	2.381	0.198	272	0.231	0.146	1.000
2238.6	101	4.7	2.423	0.198	271	0.307	0.118	1.000
2238.8	105	5.3	2.440	0.197	266	0.338	0.106	0.994
2239.0	113	6.3	2.441	0.197	259	0.341	0.106	0.975
2239.2	107	5.6	2.428	0.203	260	0.333	0.114	0.960
2239.4	96	4.7	2.396	0.211	263	0.300	0.134	0.950
2239.6	85	4.0	2.368	0.227	272	0.296	0.151	0.947
2239.8	80	3.2	2.343	0.224	280	0.240	0.168	0.950
2240.0	73	3.0	2.310	0.224	281	0.176	0.193	0.957
2240.2	72	2.6	2.293	0.220	288	0.134	0.206	0.966
2240.4	67	2.4	2.276	0.222	291	0.110	0.218	0.975
2240.6	61	2.2	2.270	0.215	296	0.074	0.225	0.981
2240.8	70	2.4	2.291	0.207	295	0.089	0.211	0.982
2241.0	91	3.0	2.335	0.206	283	0.170	0.178	0.977
2241.2	105	3.8	2.377	0.222	274	0.297	0.145	0.965
2241.4	105	4.2	2.385	0.241	268	0.370	0.137	0.947
2241.6	97	3.7	2.377	0.246	275	0.372	0.141	0.926
2241.8	95	4.0	2.379	0.252	270	0.396	0.138	0.907
2242.0	97	4.7	2.399	0.255	274	0.440	0.125	0.896
2242.2	101	6.0	2.423	0.242	272	0.446	0.110	0.896
2242.4	110	7.3	2.442	0.248	276	0.500	0.073	0.909
2242.6	114	8.5	2.462	0.281	281	0.639	0.004	0.930
2242.8	108	10.3	2.338	0.383	307	Coal		
2243.0	83	15.6	1.884	0.465	359	Coal		
2243.2	57	21.3	1.515	0.469	394	Coal		
2243.4	50	20.6	1.552	0.393	409	Coal		
2243.6	59	13.0	1.948	0.257	341	Coal		
2243.8	83	7.4	2.374	0.175	277	Coal		
2244.0	103	6.5	2.480	0.167	264	0.322	0.084	1.000
2244.2	122	7.2	2.480	0.175	264	0.344	0.083	1.000
2244.4	143	8.2	2.480	0.190	254	0.391	0.081	1.000
2244.6	149	9.5	2.500	0.227	267	0.543	0.033	1.000
2244.8	134	10.4	2.500	0.278	270	0.700	0.000	1.000
2245.0	112	10.8	2.064	0.369	298	Coal		
2245.2	92	13.4	1.621	0.425	354	Coal		
2245.4	87	14.8	1.533	0.479	418	Coal		
2245.6	95	18.7	1.697	0.470	435	Coal		
2245.8	93	10.4	1.921	0.359	398	Coal		
2246.0	82	5.2	2.184	0.245	343	Coal		
2246.2	74	3.1	2.351	0.193	300	0.161	0.169	1.000
2246.4	79	2.4	2.351	0.199	282	0.178	0.167	1.000
2246.6	91	2.6	2.351	0.201	287	0.186	0.167	1.000
2246.8	99	2.9	2.374	0.205	283	0.240	0.150	1.000
2247.0	95	3.7	2.384	0.202	273	0.248	0.144	1.000
2247.2	84	4.5	2.409	0.206	268	0.307	0.126	1.000
2247.4	81	5.0	2.430	0.206	262	0.346	0.112	1.000
2247.6	78	4.6	2.441	0.200	265	0.350	0.106	1.000
2247.8	81	4.2	2.418	0.206	265	0.326	0.120	1.000
2248.0	91	4.0	2.405	0.216	268	0.332	0.127	1.000
2248.2	101	4.5	2.427	0.217	267	0.376	0.112	1.000

2248.4	101	5.2	2.495	0.183	257	0.398	0.072	1.000
2248.6	99	7.7	2.605	0.140	237	0.470	0.006	1.000
2248.8	97	15.1	2.662	0.112	214	0.492	0.000	1.000
2249.0	90	44.6	2.682	0.097	187	0.481	0.000	1.000
2249.2	79	84.9	2.684	0.090	189	0.465	0.000	1.000
2249.4	76	51.1	2.664	0.097	186	0.448	0.000	0.990
2249.6	82	16.4	2.610	0.131	198	0.451	0.004	0.972
2249.8	94	11.3	2.528	0.178	219	0.443	0.051	0.951
2250.0	111	9.3	2.490	0.219	245	0.499	0.053	0.929
2250.2	121	8.7	2.480	0.231	265	0.517	0.049	0.911
2250.4	117	7.3	2.450	0.213	268	0.405	0.098	0.901
2250.6	111	6.3	2.428	0.194	271	0.307	0.115	0.900
2250.8	117	5.7	2.432	0.187	268	0.293	0.113	0.908
2251.0	130	6.4	2.447	0.202	270	0.366	0.101	0.921
2251.2	130	6.9	2.454	0.226	273	0.454	0.091	0.936
2251.4	125	7.6	2.474	0.245	271	0.548	0.039	0.953
2251.6	125	8.2	2.498	0.276	274	0.690	0.000	0.968
2251.8	125	8.8	2.466	0.311	289	Coal		
2252.0	106	9.3	2.103	0.367	336	Coal		
2252.2	76	11.7	1.673	0.431	386	Coal		
2252.4	72	13.2	1.709	0.441	395	Coal		
2252.6	86	16.4	1.911	0.434	375	Coal		
2252.8	87	17.6	1.621	0.452	367	Coal		
2253.0	86	16.3	1.437	0.461	378	Coal		
2253.2	87	12.7	1.571	0.428	391	Coal		
2253.4	95	10.4	2.013	0.354	355	Coal		
2253.6	107	10.6	2.307	0.333	306	Coal		
2253.8	116	14.0	2.145	0.389	315	Coal		
2254.0	118	14.2	2.053	0.377	332	Coal		
2254.2	121	12.8	2.240	0.315	332	Coal		
2254.4	123	11.1	2.424	0.303	294	0.634	0.008	1.000
2254.6	115	11.4	2.277	0.359	277	Coal		
2254.8	95	15.9	1.735	0.445	321	Coal		
2255.0	80	27.6	1.520	0.501	412	Coal		
2255.2	75	38.6	1.524	0.508	454	Coal		
2255.4	70	36.1	1.473	0.508	461	Coal		
2255.6	54	45.7	1.349	0.506	459	Coal		
2255.8	44	57.0	1.264	0.499	437	Coal		
2256.0	50	60.9	1.266	0.520	457	Coal		
2256.2	66	66.6	1.372	0.540	446	Coal		
2256.4	76	29.9	1.633	0.450	380	Coal		
2256.6	74	8.1	2.080	0.301	316	Coal		
2256.8	71	4.3	2.383	0.224	288	0.315	0.141	1.000
2257.0	75	3.4	2.383	0.207	280	0.263	0.143	1.000
2257.2	81	3.6	2.383	0.210	286	0.272	0.143	0.998
2257.4	84	4.5	2.419	0.213	271	0.349	0.118	0.987
2257.6	93	5.8	2.445	0.215	269	0.403	0.100	0.976
2257.8	102	7.9	2.466	0.215	265	0.441	0.087	0.968
2258.0	113	11.1	2.499	0.226	264	0.538	0.035	0.966
2258.2	112	13.0	2.520	0.246	262	0.639	0.003	0.971
2258.4	113	13.9	2.520	0.241	263	0.625	0.006	0.978
2258.6	114	12.4	2.358	0.283	276	Coal		
2258.8	109	12.1	2.030	0.424	322	Coal		
2259.0	106	12.3	2.001	0.495	358	Coal		
2259.2	97	8.9	2.282	0.401	362	Coal		
2259.4	80	6.7	2.379	0.280	332	0.481	0.113	0.953
2259.6	68	4.7	2.378	0.206	289	0.252	0.147	0.957
2259.8	66	3.9	2.378	0.189	275	0.200	0.150	0.964
2260.0	67	3.8	2.392	0.182	275	0.204	0.141	0.969

2260.2	73	4.5	2.408	0.176	274	0.214	0.131	0.966
2260.4	90	6.2	2.433	0.205	275	0.349	0.110	0.952
2260.6	106	9.5	2.479	0.239	276	0.540	0.041	0.929
2260.8	111	11.1	2.501	0.233	273	0.564	0.026	0.906
2261.0	115	11.2	2.495	0.207	262	0.473	0.061	0.891
2261.2	123	10.9	2.481	0.200	258	0.425	0.079	0.889
2261.4	119	9.8	2.468	0.220	261	0.463	0.079	0.899
2261.6	118	9.3	2.474	0.250	267	0.567	0.031	0.915
2261.8	125	9.9	2.502	0.293	276	0.750	0.000	0.926
2262.0	124	10.6	2.502	0.303	280	0.782	0.000	0.925
2262.2	112	10.2	2.494	0.262	277	0.638	0.004	0.910
2262.4	101	8.8	2.457	0.251	273	0.537	0.049	0.888
2262.6	94	9.0	2.371	0.273	284	0.444	0.141	0.868
2262.8	85	8.4	2.329	0.253	292	0.303	0.173	0.861
2263.0	78	6.9	2.358	0.204	293	0.208	0.161	0.869
2263.2	77	5.4	2.402	0.185	278	0.230	0.134	0.888
2263.4	81	5.3	2.419	0.190	276	0.278	0.122	0.910
2263.6	84	5.5	2.437	0.202	277	0.348	0.108	0.931
2263.8	81	5.8	2.437	0.206	275	0.361	0.107	0.947
2264.0	89	6.3	2.437	0.209	276	0.371	0.107	0.959
2264.2	105	6.6	2.418	0.234	272	Coal		
2264.4	115	9.9	2.192	0.313	283	Coal		
2264.6	112	12.3	1.916	0.433	321	Coal		
2264.8	99	9.7	1.895	0.445	367	Coal		
2265.0	91	7.6	2.168	0.324	353	Coal		
2265.2	91	6.2	2.406	0.237	314	0.398	0.123	0.943
2265.4	96	5.9	2.429	0.259	281	0.509	0.074	0.941
2265.6	95	7.7	2.261	0.352	296	Coal		
2265.8	94	9.9	2.012	0.420	344	Coal		
2266.0	100	12.7	2.024	0.391	351	Coal		
2266.2	105	15.2	2.249	0.353	347	Coal		
2266.4	107	14.5	2.322	0.312	306	0.473	0.147	0.892
2266.6	105	16.1	2.322	0.281	310	0.376	0.173	0.880
2266.8	97	11.6	2.322	0.274	297	0.356	0.174	0.885
2267.0	87	5.4	2.347	0.250	296	0.330	0.161	0.909
2267.2	82	3.4	2.361	0.222	299	0.268	0.156	0.940
2267.4	79	3.0	2.363	0.217	290	0.255	0.156	0.966
2267.6	86	3.7	2.406	0.216	286	0.334	0.127	0.973
2267.8	97	5.6	2.458	0.233	273	0.484	0.074	0.959
2268.0	100	8.0	2.476	0.240	266	0.539	0.042	0.933
2268.2	97	7.8	2.451	0.224	264	0.442	0.095	0.908
2268.4	101	6.8	2.421	0.219	270	0.370	0.116	0.896
2268.6	110	6.8	2.432	0.234	275	0.438	0.106	0.902
2268.8	115	7.8	2.485	0.237	274	0.547	0.036	0.922
2269.0	113	10.6	2.517	0.229	273	0.581	0.017	0.949
2269.2	113	11.7	2.509	0.240	274	0.600	0.014	0.972
2269.4	118	11.8	2.509	0.255	270	0.647	0.000	0.988
2269.6	126	11.8	2.509	0.279	287	0.722	0.000	0.996
2269.8	121	10.7	2.459	0.309	292	Coal		
2270.0	105	8.8	2.163	0.375	320	Coal		
2270.2	79	11.1	1.597	0.446	369	Coal		
2270.4	61	15.9	1.353	0.486	424	Coal		
2270.6	55	67.7	1.303	0.506	464	Coal		
2270.8	51	55.8	1.352	0.484	469	Coal		
2271.0	58	24.6	1.558	0.389	413	Coal		
2271.2	70	14.4	1.991	0.261	340	Coal		
2271.4	95	11.8	2.334	0.264	287	Coal		
2271.6	121	12.3	2.463	0.314	295	0.744	0.000	0.977
2271.8	125	14.8	2.463	0.316	306	0.748	0.000	0.960

2272.0	117	13.2	2.463	0.263	296	0.587	0.026	0.943
2272.2	110	11.2	2.490	0.216	283	0.493	0.055	0.933
2272.4	104	10.2	2.490	0.209	267	0.469	0.065	0.933
2272.6	109	10.2	2.497	0.238	270	0.573	0.024	0.943
2272.8	121	11.1	2.405	0.288	275	Coal		
2273.0	123	12.7	2.267	0.338	301	Coal		
2273.2	116	14.6	2.237	0.345	311	Coal		
2273.4	114	15.9	2.350	0.315	326	Coal		
2273.6	117	14.8	2.452	0.296	317	0.667	0.000	0.939
2273.8	111	10.4	2.452	0.246	295	0.514	0.062	0.925
2274.0	99	7.5	2.452	0.208	271	0.395	0.097	0.922
2274.2	95	6.8	2.452	0.200	272	0.370	0.098	0.931
2274.4	98	7.4	2.462	0.200	271	Coal		
2274.6	109	11.0	2.337	0.245	272	Coal		
2274.8	110	14.3	2.096	0.358	307	Coal		
2275.0	110	15.4	2.043	0.405	326	Coal		
2275.2	106	16.0	2.235	0.316	322	Coal		
2275.4	107	14.0	2.529	0.241	289	0.642	0.002	0.949
2275.6	111	12.8	2.529	0.213	260	0.555	0.022	0.918
2275.8	109	12.9	2.507	0.198	253	0.466	0.058	0.883
2276.0	106	13.3	2.498	0.206	254	0.474	0.059	0.855
2276.2	106	13.3	2.458	0.240	266	0.504	0.065	0.841
2276.4	104	11.7	2.401	0.259	274	0.458	0.118	0.846
2276.6	89	7.4	2.382	0.221	277	0.306	0.142	0.869
2276.8	67	4.9	2.361	0.192	278	0.177	0.162	0.901
2277.0	60	3.4	2.355	0.166	278	0.084	0.173	0.934
2277.2	69	3.5	2.392	0.181	286	0.199	0.142	0.959
2277.4	86	5.2	2.437	0.215	277	0.390	0.106	0.973
2277.6	102	9.5	2.464	0.248	269	0.541	0.045	0.977
2277.8	108	13.3	2.368	0.279	267	Coal		
2278.0	95	15.8	2.172	0.347	294	Coal		
2278.2	80	17.0	2.163	0.374	322	Coal		
2278.4	81	10.3	2.345	0.290	319	Coal		
2278.6	88	7.7	2.432	0.217	286	0.386	0.109	0.891
2278.8	99	6.7	2.418	0.221	267	0.371	0.118	0.876
2279.0	110	8.2	2.400	0.256	279	0.447	0.124	0.876
2279.2	118	9.8	2.387	0.282	286	0.503	0.094	0.893
2279.4	121	10.7	2.430	0.291	292	0.610	0.020	0.920
2279.6	125	10.8	2.490	0.301	285	0.754	0.000	0.950
2279.8	126	12.0	2.494	0.282	284	0.704	0.000	0.974
2280.0	131	11.8	2.484	0.274	279	0.657	0.000	0.990
2280.2	133	11.4	2.484	0.289	279	0.705	0.000	0.997
2280.4	134	10.8	2.484	0.308	291	0.764	0.000	1.000
2280.6	123	9.9	2.350	0.344	301	Coal		
2280.8	108	10.4	2.109	0.421	334	Coal		
2281.0	98	10.5	2.024	0.442	345	Coal		
2281.2	102	12.8	2.054	0.432	371	Coal		
2281.4	104	11.1	2.025	0.425	376	Coal		
2281.6	92	7.9	2.088	0.352	355	Coal		
2281.8	80	5.8	2.370	0.249	328	0.368	0.146	0.933
2282.0	77	4.4	2.370	0.217	289	0.269	0.151	0.924
2282.2	77	3.9	2.370	0.216	280	0.266	0.151	0.921
2282.4	79	4.3	2.399	0.212	280	0.309	0.132	0.922
2282.6	85	5.3	2.432	0.213	271	0.371	0.110	0.926
2282.8	95	6.8	2.441	0.231	271	0.447	0.101	0.934
2283.0	102	8.2	2.453	0.260	273	0.559	0.040	0.945
2283.2	111	9.1	2.458	0.290	281	0.660	0.000	0.958
2283.4	124	10.7	2.473	0.310	292	0.751	0.000	0.970
2283.6	123	10.5	2.514	0.306	295	0.814	0.000	0.977

2283.8	121	9.6	2.531	0.292	289	0.803	0.000	0.977
2284.0	111	8.5	2.508	0.252	272	0.635	0.004	0.970
2284.2	95	6.6	2.459	0.202	262	0.389	0.093	0.961
2284.4	82	5.6	2.409	0.202	266	0.297	0.127	0.956
2284.6	76	4.0	2.373	0.201	277	0.226	0.151	0.957
2284.8	79	4.2	2.373	0.186	282	0.179	0.155	0.965
2285.0	87	4.3	2.394	0.194	278	0.243	0.138	0.977
2285.2	77	4.6	2.409	0.209	274	0.319	0.126	0.988
2285.4	61	3.9	2.403	0.213	270	0.321	0.129	0.994
2285.6	59	3.8	2.394	0.219	276	0.321	0.134	0.996
2285.8	63	4.0	2.394	0.223	274	0.334	0.134	0.992
2286.0	64	4.3	2.396	0.219	274	0.325	0.133	0.988
2286.2	63	4.5	2.401	0.208	270	0.301	0.131	0.984
2286.4	68	4.7	2.415	0.200	270	0.301	0.123	0.982
2286.6	73	5.7	2.444	0.209	267	0.384	0.103	0.979
2286.8	77	7.1	2.553	0.208	263	0.585	0.010	0.972
2287.0	72	8.8	2.632	0.204	246	0.719	0.000	0.958
2287.2	73	9.1	2.564	0.202	243	0.587	0.008	0.938
2287.4	81	7.6	2.467	0.207	256	0.419	0.088	0.918
2287.6	89	6.5	2.431	0.208	270	0.356	0.111	0.904
2287.8	91	6.4	2.428	0.218	271	0.382	0.112	0.903
2288.0	93	6.9	2.450	0.220	274	0.430	0.097	0.915
2288.2	98	7.1	2.507	0.226	272	0.555	0.028	0.936
2288.4	103	8.0	2.543	0.245	268	0.680	0.000	0.959
2288.6	111	8.6	2.524	0.269	269	0.719	0.000	0.979
2288.8	119	9.8	2.504	0.294	277	0.759	0.000	0.992
2289.0	124	9.6	2.510	0.306	289	0.808	0.000	0.998
2289.2	122	8.4	2.520	0.297	293	0.798	0.000	1.000
2289.4	114	8.3	2.463	0.277	288	Coal		
2289.6	102	9.7	2.165	0.362	288	Coal		
2289.8	88	10.8	1.944	0.415	326	Coal		
2290.0	83	12.0	2.069	0.327	331	Coal		
2290.2	90	11.4	2.338	0.280	309	Coal		
2290.4	88	9.8	2.292	0.382	283	Coal		
2290.6	74	13.1	1.934	0.460	315	Coal		
2290.8	71	13.6	1.935	0.391	348	Coal		
2291.0	83	11.4	2.269	0.275	340	Coal		
2291.2	97	8.6	2.470	0.220	294	0.467	0.076	0.962
2291.4	104	9.0	2.395	0.268	282	Coal		
2291.6	98	11.7	2.142	0.380	311	Coal		
2291.8	86	12.8	2.072	0.380	328	Coal		
2292.0	88	12.5	2.272	0.230	319	Coal		
2292.2	95	9.3	2.407	0.194	287	0.269	0.129	0.933
2292.4	94	6.1	2.407	0.203	269	0.297	0.128	0.935
2292.6	97	5.3	2.347	0.214	275	Coal		
2292.8	99	5.3	2.177	0.320	295	Coal		
2293.0	96	5.7	1.912	0.423	355	Coal		
2293.2	84	7.3	1.642	0.449	401	Coal		
2293.4	65	10.8	1.445	0.468	436	Coal		
2293.6	52	23.6	1.349	0.488	432	Coal		
2293.8	49	67.4	1.335	0.474	428	Coal		
2294.0	54	63.5	1.393	0.504	430	Coal		
2294.2	71	32.4	1.603	0.455	421	Coal		
2294.4	93	19.5	2.024	0.317	377	Coal		
2294.6	104	14.9	2.426	0.263	327	0.517	0.070	0.892
2294.8	104	12.2	2.426	0.229	278	0.411	0.111	0.872
2295.0	103	11.4	2.426	0.223	269	0.394	0.112	0.863
2295.2	108	12.0	2.438	0.254	270	0.512	0.068	0.863
2295.4	117	12.4	2.442	0.280	271	0.601	0.022	0.865

2295.6	118	13.4	2.452	0.267	269	0.577	0.032	0.863
2295.8	112	13.0	2.464	0.245	272	0.532	0.049	0.853
2296.0	108	12.1	2.460	0.240	267	0.510	0.061	0.840
2296.2	110	11.8	2.455	0.232	266	0.477	0.079	0.828
2296.4	108	9.9	2.457	0.215	266	0.425	0.093	0.820
2296.6	102	8.2	2.460	0.201	265	0.390	0.093	0.818
2296.8	95	7.4	2.461	0.210	261	0.420	0.091	0.821
2297.0	95	7.3	2.454	0.218	258	0.430	0.095	0.827
2297.2	95	7.2	2.440	0.213	257	0.389	0.104	0.839
2297.4	89	6.1	2.409	0.215	259	0.336	0.125	0.859
2297.6	78	4.9	2.382	0.226	268	0.320	0.142	0.883
2297.8	73	3.9	2.369	0.202	275	0.222	0.154	0.905
2298.0	71	3.3	2.355	0.182	280	0.135	0.169	0.916
2298.2	70	3.0	2.348	0.179	282	0.112	0.175	0.915
2298.4	73	3.4	2.301	0.225	289	0.166	0.199	0.906
2298.6	81	4.7	2.272	0.274	303	0.262	0.209	0.903
2298.8	78	5.4	2.305	0.255	301	0.266	0.190	0.913
2299.0	71	4.2	2.355	0.215	293	0.235	0.162	0.941
2299.2	63	3.2	2.362	0.206	281	0.222	0.158	0.977
2299.4	59	2.8	2.350	0.200	278	0.180	0.168	1.000
2299.6	59	2.6	2.347	0.195	285	0.158	0.172	1.000
2299.8	58	2.8	2.343	0.198	284	0.160	0.174	1.000
2300.0	62	2.9	2.343	0.213	286	0.206	0.170	0.970
2300.2	67	3.6	2.327	0.233	280	0.239	0.178	0.923
2300.4	74	4.1	2.316	0.241	287	0.242	0.184	0.877
2300.6	79	4.6	2.332	0.235	287	0.253	0.174	0.841
2300.8	77	4.5	2.349	0.224	288	0.251	0.164	0.818
2301.0	75	4.4	2.314	0.236	284	0.224	0.187	0.807
2301.2	84	4.9	2.265	0.277	296	0.260	0.214	0.806
2301.4	94	6.0	2.262	0.307	309	0.345	0.210	0.810
2301.6	93	6.5	2.301	0.292	306	0.372	0.185	0.820
2301.8	84	4.5	2.326	0.263	295	0.332	0.173	0.832
2302.0	72	3.5	2.328	0.239	282	0.259	0.177	0.847
2302.2	72	3.3	2.322	0.229	280	0.216	0.182	0.862
2302.4	77	3.5	2.327	0.248	283	0.286	0.175	0.876
2302.6	72	3.6	2.336	0.233	287	0.255	0.172	0.888
2302.8	63	3.5	2.333	0.201	284	0.152	0.181	0.899
2303.0	60	3.2	2.330	0.213	286	0.183	0.180	0.908
2303.2	61	3.4	2.330	0.239	285	0.262	0.175	0.914
2303.4	61	3.1	2.331	0.244	287	0.280	0.173	0.917
2303.6	60	3.1	2.319	0.225	287	0.198	0.185	0.914
2303.8	64	3.0	2.318	0.218	287	0.174	0.188	0.904
2304.0	71	3.4	2.334	0.217	282	0.201	0.176	0.891
2304.2	76	4.0	2.351	0.225	282	0.260	0.163	0.880
2304.4	79	4.8	2.357	0.237	279	0.308	0.157	0.877
2304.6	79	4.7	2.364	0.237	279	0.320	0.152	0.886
2304.8	72	3.8	2.350	0.226	280	0.260	0.163	0.907
2305.0	61	3.0	2.323	0.225	286	0.207	0.182	0.934
2305.2	56	2.5	2.320	0.214	292	0.167	0.188	0.956
2305.4	61	2.7	2.324	0.220	292	0.193	0.183	0.965
2305.6	75	3.3	2.368	0.224	285	0.288	0.151	0.958
2305.8	87	4.2	2.408	0.225	275	0.365	0.124	0.939
2306.0	92	5.5	2.414	0.226	272	0.380	0.120	0.919
2306.2	92	5.9	2.401	0.238	271	0.394	0.127	0.911
2306.4	87	5.5	2.398	0.256	269	0.445	0.126	0.924
2306.6	75	3.8	2.372	0.252	274	0.382	0.144	0.957
2306.8	57	2.2	2.300	0.228	287	0.171	0.199	1.000
2307.0	45	1.4	2.217	0.232	303	0.030	0.262	1.000
2307.2	39	1.2	2.178	0.263	310	0.055	0.283	1.000

2307.4	39	1.1	2.187	0.271	320	0.093	0.274	1.000
2307.6	41	1.1	2.213	0.256	320	0.096	0.258	1.000
2307.8	42	1.3	2.237	0.248	318	0.116	0.242	1.000
2308.0	49	1.4	2.187	0.252	310	Coal		
2308.2	59	1.9	2.018	0.336	329	Coal		
2308.4	73	3.0	1.957	0.381	345	Coal		
2308.6	81	5.7	2.163	0.295	339	Coal		
2308.8	81	7.8	2.444	0.211	308	0.389	0.102	0.925
2309.0	87	6.5	2.444	0.217	274	0.408	0.102	0.917
2309.2	95	6.7	2.444	0.223	273	0.428	0.101	0.923
2309.4	97	8.3	2.378	0.253	275	Coal		
2309.6	89	12.8	1.998	0.348	308	Coal		
2309.8	73	20.9	1.757	0.465	355	Coal		
2310.0	68	13.6	1.920	0.423	357	Coal		
2310.2	73	7.6	2.300	0.282	319	Coal		
2310.4	71	4.6	2.407	0.198	274	0.279	0.129	1.000
2310.6	67	3.5	2.362	0.177	273	0.132	0.165	1.000
2310.8	63	2.9	2.336	0.174	281	0.074	0.185	1.000
2311.0	69	3.0	2.361	0.179	278	0.135	0.166	1.000
2311.2	89	4.2	2.417	0.205	275	0.322	0.121	1.000
2311.4	108	6.2	2.471	0.255	273	0.578	0.028	1.000
2311.6	111	8.2	2.480	0.266	271	0.629	0.007	1.000
2311.8	104	8.1	2.489	0.244	272	0.577	0.025	1.000
2312.0	93	7.2	2.483	0.263	271	0.625	0.008	0.993
2312.2	77	4.8	2.417	0.260	277	0.493	0.088	0.989
2312.4	62	3.4	2.355	0.209	282	0.218	0.163	0.989
2312.6	61	3.0	2.352	0.194	278	0.165	0.169	0.988
2312.8	70	3.8	2.377	0.194	271	0.211	0.150	0.988
2313.0	79	4.6	2.399	0.202	266	0.279	0.134	0.989
2313.2	84	5.0	2.423	0.216	266	0.368	0.115	0.990
2313.4	96	5.5	2.455	0.217	267	0.432	0.094	0.992
2313.6	106	6.8	2.491	0.230	268	0.536	0.039	0.996
2313.8	107	7.5	2.519	0.237	268	0.612	0.009	0.999
2314.0	106	7.2	2.520	0.237	266	0.615	0.009	1.000
2314.2	101	7.5	2.513	0.235	263	0.595	0.015	1.000
2314.4	98	9.2	2.532	0.237	262	0.636	0.003	1.000
2314.6	102	12.5	2.523	0.237	263	0.620	0.007	0.999
2314.8	106	13.8	2.492	0.252	264	0.606	0.014	0.998
2315.0	105	13.3	2.484	0.252	264	0.592	0.020	0.998
2315.2	111	12.8	2.483	0.260	264	0.617	0.011	1.000
2315.4	115	11.5	2.478	0.257	263	0.597	0.019	1.000
2315.6	107	7.0	2.469	0.236	264	0.515	0.055	1.000
2315.8	98	5.0	2.443	0.202	266	0.360	0.104	1.000
2316.0	93	4.0	2.420	0.179	270	0.247	0.123	1.000
2316.2	89	3.5	2.415	0.177	271	0.230	0.126	1.000
2316.4	93	3.6	2.417	0.170	269	0.212	0.126	1.000
2316.6	97	3.6	2.421	0.169	267	0.217	0.123	1.000
2316.8	96	3.5	2.419	0.173	268	0.224	0.124	1.000
2317.0	88	3.6	2.421	0.166	266	0.207	0.124	1.000
2317.2	83	3.6	2.424	0.168	265	0.222	0.121	1.000
2317.4	85	3.6	2.419	0.181	266	0.250	0.123	1.000
2317.6	84	3.6	2.421	0.202	267	0.321	0.119	1.000
2317.8	82	3.7	2.427	0.202	266	0.331	0.115	1.000
2318.0	79	3.9	2.436	0.190	263	0.311	0.111	1.000
2318.2	79	4.3	2.440	0.188	261	0.311	0.108	1.000
2318.4	77	4.3	2.440	0.190	264	0.318	0.108	1.000
2318.6	69	4.6	2.467	0.204	261	0.413	0.088	1.000
2318.8	61	4.4	2.481	0.217	258	0.477	0.067	1.000
2319.0	64	4.3	2.441	0.213	259	0.391	0.104	1.000

2319.2	68	3.7	2.387	0.193	266	0.229	0.143	1.000
2319.4	67	3.4	2.404	0.190	275	0.250	0.132	1.000
2319.6	77	4.0	2.473	0.198	269	0.404	0.085	1.000
2319.8	99	4.9	2.536	0.222	263	0.598	0.010	1.000
2320.0	112	7.7	2.547	0.236	252	0.662	0.000	1.000
2320.2	119	10.9	2.529	0.231	248	0.612	0.008	1.000
2320.4	122	10.8	2.514	0.252	252	0.648	0.000	1.000
2320.6	120	10.2	2.514	0.274	258	0.719	0.000	1.000
2320.8	113	9.6	2.514	0.268	268	0.699	0.000	0.998
2321.0	110	9.1	2.514	0.263	277	0.685	0.000	0.992
2321.2	109	9.6	2.339	0.294	303	Coal		
2321.4	103	9.4	2.293	0.292	303	Coal		
2321.6	95	8.2	2.371	0.246	297	Coal		
2321.8	88	6.3	2.424	0.221	276	0.383	0.114	0.959
2322.0	83	4.9	2.424	0.226	265	0.401	0.113	0.961
2322.2	80	4.5	2.424	0.234	268	0.426	0.112	0.969
2322.4	83	5.1	2.452	0.246	268	0.515	0.061	0.980
2322.6	97	6.3	2.474	0.248	268	0.561	0.034	0.990
2322.8	113	7.4	2.506	0.263	270	0.669	0.000	0.996
2323.0	117	8.2	2.553	0.285	267	0.825	0.000	0.999
2323.2	108	8.7	2.461	0.355	277	Coal		
2323.4	90	6.8	2.278	0.388	299	Coal		
2323.6	69	6.0	2.335	0.304	283	Coal		
2323.8	56	7.0	2.752	0.189	253	0.900	0.000	1.000
2324.0	68	7.3	2.752	0.168	211	0.836	0.000	1.000
2324.2	87	7.5	2.568	0.174	221	0.510	0.019	1.000
2324.4	97	5.5	2.460	0.179	246	0.322	0.096	1.000
2324.6	103	4.2	2.436	0.188	262	0.303	0.111	1.000
2324.8	109	3.9	2.427	0.197	266	0.317	0.116	1.000
2325.0	117	3.8	2.423	0.213	268	0.356	0.116	1.000
2325.2	122	4.2	2.425	0.238	269	0.438	0.111	1.000
2325.4	120	5.0	2.439	0.229	268	0.437	0.103	1.000
2325.6	117	5.7	2.447	0.228	266	0.449	0.098	0.975
2325.8	109	6.1	2.450	0.239	263	0.488	0.076	0.950
2326.0	94	5.7	2.432	0.230	265	0.426	0.108	0.941
2326.2	78	5.8	2.419	0.204	262	0.324	0.120	0.950
2326.4	68	4.8	2.412	0.195	261	0.281	0.126	0.976
2326.6	60	3.7	2.378	0.207	271	0.253	0.148	1.000
2326.8	52	2.7	2.332	0.208	283	0.171	0.180	1.000
2327.0	50	2.2	2.324	0.196	284	0.120	0.189	1.000
2327.2	63	2.5	2.387	0.200	277	0.249	0.142	1.000
2327.4	90	3.4	2.470	0.240	275	0.529	0.049	1.000
2327.6	118	6.1	2.527	0.280	271	0.760	0.000	1.000
2327.8	132	8.9	2.514	0.293	278	0.777	0.000	1.000
2328.0	124	7.9	2.494	0.285	276	0.714	0.000	1.000
2328.2	107	7.9	2.515	0.240	265	0.614	0.009	1.000
2328.4	101	7.4	2.526	0.202	255	0.518	0.033	1.000
2328.6	120	9.0	2.522	0.218	254	0.559	0.023	1.000
2328.8	133	9.0	2.536	0.264	265	0.728	0.000	1.000
2329.0	137	9.0	2.551	0.289	267	0.834	0.000	0.996
2329.2	132	9.8	2.531	0.267	271	0.729	0.000	0.989
2329.4	119	8.1	2.500	0.269	269	0.674	0.000	0.979
2329.6	103	6.3	2.456	0.244	265	0.517	0.060	0.968
2329.8	89	5.5	2.431	0.189	262	0.298	0.114	0.955
2330.0	80	5.0	2.422	0.180	260	0.255	0.121	0.943
2330.2	81	4.8	2.389	0.185	261	0.207	0.143	0.938
2330.4	91	4.9	2.354	0.175	259	0.109	0.172	0.944
2330.6	92	5.1	2.370	0.183	256	0.166	0.158	0.961
2330.8	94	5.8	2.451	0.188	253	0.331	0.101	0.984

2331.0	96	6.5	2.530	0.189	256	0.485	0.040	1.000
2331.2	103	6.9	2.510	0.217	260	0.533	0.034	1.000
2331.4	111	7.2	2.547	0.237	259	0.667	0.000	1.000
2331.6	111	7.9	2.566	0.213	258	0.627	0.003	1.000
2331.8	111	9.1	2.554	0.220	253	0.626	0.004	1.000
2332.0	111	10.7	2.531	0.231	256	0.616	0.007	1.000
2332.2	109	11.2	2.530	0.241	260	0.644	0.001	1.000
2332.4	108	11.3	2.539	0.258	263	0.714	0.000	1.000
2332.6	115	11.0	2.528	0.285	269	0.778	0.000	1.000
2332.8	129	10.7	2.489	0.312	277	0.788	0.000	1.000
2333.0	142	10.6	2.480	0.321	287	0.800	0.000	1.000
2333.2	134	10.2	2.490	0.332	298	0.855	0.000	1.000
2333.4	121	9.5	2.529	0.297	291	0.816	0.000	1.000
2333.6	105	8.9	2.559	0.218	274	0.629	0.003	1.000
2333.8	91	8.6	2.546	0.183	259	0.497	0.030	1.000
2334.0	91	9.2	2.528	0.186	247	0.472	0.045	0.996
2334.2	97	9.8	2.525	0.191	246	0.481	0.044	0.965
2334.4	99	10.1	2.504	0.205	249	0.485	0.053	0.926
2334.6	98	9.7	2.480	0.227	252	0.508	0.054	0.891
2334.8	101	9.2	2.462	0.226	257	0.471	0.079	0.870
2335.0	99	8.8	2.457	0.198	258	0.376	0.096	0.867
2335.2	90	7.3	2.440	0.182	257	0.295	0.109	0.878
2335.4	76	5.7	2.426	0.198	257	0.316	0.116	0.895
2335.6	70	4.4	2.424	0.209	266	0.347	0.116	0.905
2335.8	73	4.4	2.397	0.207	265	0.289	0.135	0.902
2336.0	81	4.8	2.387	0.192	267	0.227	0.143	0.887
2336.2	91	6.3	2.423	0.207	264	0.340	0.117	0.864
2336.4	101	7.9	2.446	0.206	266	0.380	0.102	0.844
2336.6	99	8.6	2.447	0.202	271	0.371	0.102	0.834
2336.8	93	8.4	2.431	0.212	269	0.369	0.111	0.842
2337.0	89	6.7	2.404	0.205	268	0.298	0.130	0.867
2337.2	77	4.6	2.365	0.188	269	0.171	0.161	0.907
2337.4	61	3.5	2.337	0.171	268	0.065	0.185	0.954
2337.6	56	2.8	2.337	0.167	271	0.053	0.187	1.000
2337.8	56	2.4	2.330	0.168	272	0.042	0.192	1.000
2338.0	56	2.4	2.319	0.172	273	0.034	0.199	1.000
2338.2	56	2.2	2.298	0.171	282	0.000	0.214	1.000
2338.4	55	2.1	2.286	0.180	285	0.000	0.222	1.000
2338.6	51	2.1	2.300	0.188	283	0.049	0.209	1.000
2338.8	52	2.2	2.331	0.187	279	0.102	0.187	1.000
2339.0	61	2.6	2.351	0.184	273	0.132	0.172	1.000
2339.2	68	3.1	2.368	0.192	264	0.191	0.157	1.000
2339.4	66	3.4	2.381	0.189	261	0.204	0.148	1.000
2339.6	60	3.4	2.383	0.185	262	0.197	0.147	1.000
2339.8	60	3.3	2.370	0.187	261	0.176	0.157	1.000
2340.0	59	2.7	2.330	0.197	262	0.133	0.184	1.000
2340.2	53	2.4	2.298	0.204	269	0.094	0.207	1.000
2340.4	50	2.1	2.287	0.205	279	0.080	0.214	1.000
2340.6	52	2.2	2.318	0.197	278	0.112	0.193	1.000
2340.8	62	2.6	2.366	0.199	269	0.209	0.156	1.000
2341.0	66	2.7	2.387	0.196	268	0.238	0.143	1.000
2341.2	68	3.1	2.402	0.195	259	0.262	0.133	1.000
2341.4	67	3.0	2.420	0.204	263	0.325	0.120	1.000
2341.6	60	3.2	2.443	0.210	256	0.385	0.103	1.000
2341.8	53	2.9	2.435	0.211	257	0.375	0.108	1.000
2342.0	52	2.6	2.375	0.209	260	0.254	0.149	1.000
2342.2	54	2.2	2.325	0.203	272	0.143	0.187	1.000
2342.4	55	2.1	2.312	0.202	276	0.116	0.197	1.000
2342.6	52	2.1	2.322	0.198	279	0.120	0.190	1.000

2342.8	52	2.1	2.329	0.201	278	0.144	0.184	1.000
2343.0	54	1.9	2.325	0.202	281	0.140	0.187	1.000
2343.2	56	1.7	2.323	0.220	288	0.193	0.183	1.000
2343.4	63	1.9	2.450	0.229	276	0.458	0.092	1.000
2343.6	78	2.9	2.623	0.225	253	0.770	0.000	1.000
2343.8	92	7.8	2.579	0.215	239	0.658	0.000	1.000
2344.0	98	11.5	2.525	0.207	235	0.530	0.030	1.000
2344.2	101	9.6	2.531	0.212	249	0.560	0.020	1.000
2344.4	99	8.7	2.536	0.229	247	0.620	0.006	1.000
2344.6	99	8.1	2.525	0.227	248	0.593	0.014	1.000
2344.8	102	8.0	2.522	0.222	249	0.572	0.019	1.000
2345.0	107	8.2	2.558	0.223	246	0.642	0.001	1.000
2345.2	113	8.7	2.556	0.225	248	0.646	0.000	1.000
2345.4	120	9.6	2.532	0.260	256	0.708	0.000	1.000
2345.6	122	9.4	2.534	0.293	265	0.816	0.000	1.000
2345.8	123	10.1	2.519	0.296	273	0.796	0.000	0.998
2346.0	127	10.0	2.509	0.312	273	0.827	0.000	0.992
2346.2	136	10.4	2.520	0.315	274	0.856	0.000	0.984
2346.4	134	10.8	2.541	0.284	274	0.798	0.000	0.974
2346.6	118	10.8	2.528	0.244	272	0.653	0.000	0.967
2346.8	105	9.6	2.487	0.213	264	0.480	0.063	0.964
2347.0	102	8.0	2.481	0.197	258	0.417	0.080	0.966
2347.2	103	6.8	2.489	0.204	261	0.455	0.072	0.967
2347.4	110	6.4	2.488	0.233	263	0.542	0.038	0.964
2347.6	116	7.0	2.465	0.261	270	0.588	0.025	0.954
2347.8	118	7.3	2.373	0.321	284	0.599	0.034	0.944
2348.0	110	7.9	2.309	0.348	305	0.562	0.074	0.942
2348.2	93	6.5	2.351	0.291	301	0.464	0.141	0.958
2348.4	76	4.1	2.386	0.200	287	0.249	0.143	0.992
2348.6	64	3.4	2.382	0.175	272	0.164	0.151	1.000
2348.8	65	3.1	2.389	0.178	271	0.185	0.145	1.000
2349.0	66	3.3	2.397	0.180	267	0.206	0.138	1.000
2349.2	63	3.4	2.388	0.184	269	0.201	0.145	1.000
2349.4	64	3.4	2.393	0.180	267	0.200	0.141	1.000
2349.6	68	3.7	2.423	0.172	263	0.229	0.122	1.000
2349.8	75	4.4	2.452	0.172	262	0.286	0.102	1.000
2350.0	86	5.0	2.459	0.181	262	0.327	0.097	1.000
2350.2	95	5.9	2.458	0.194	263	0.366	0.096	1.000
2350.4	96	6.3	2.451	0.210	262	0.404	0.098	0.990
2350.6	99	6.7	2.458	0.210	263	0.414	0.093	0.944
2350.8	108	7.5	2.473	0.200	262	0.412	0.085	0.911
2351.0	116	9.2	2.488	0.202	258	0.445	0.075	0.895
2351.2	116	10.9	2.488	0.212	262	0.476	0.064	0.897
2351.4	111	11.0	2.494	0.223	266	0.523	0.043	0.912
2351.6	103	11.8	2.372	0.264	273	Coal		
2351.8	77	14.0	2.042	0.367	309	Coal		
2352.0	49	21.6	1.696	0.508	359	Coal		
2352.2	43	36.4	1.588	0.551	428	Coal		
2352.4	54	22.4	1.788	0.464	410	Coal		
2352.6	69	11.4	2.282	0.302	371	Coal		
2352.8	74	6.6	2.447	0.205	308	0.380	0.101	0.996
2353.0	76	4.9	2.428	0.177	260	0.254	0.118	1.000
2353.2	84	4.7	2.420	0.170	260	0.219	0.124	0.999
2353.4	93	5.2	2.434	0.167	259	0.237	0.115	0.991
2353.6	95	6.4	2.452	0.171	254	0.284	0.103	0.977
2353.8	95	6.8	2.457	0.186	251	0.337	0.098	0.958
2354.0	95	6.4	2.435	0.202	255	0.346	0.110	0.939
2354.2	92	5.3	2.427	0.199	266	0.323	0.115	0.925
2354.4	92	5.7	2.437	0.203	268	0.353	0.108	0.918

2354.6	99	6.9	2.455	0.205	270	0.395	0.096	0.920
2354.8	109	9.5	2.475	0.216	264	0.466	0.075	0.929
2355.0	125	11.7	2.494	0.246	271	0.593	0.018	0.942
2355.2	138	12.4	2.521	0.280	275	0.752	0.000	0.957
2355.4	138	12.2	2.529	0.292	278	0.802	0.000	0.971
2355.6	125	10.8	2.514	0.268	279	0.701	0.000	0.984
2355.8	107	6.7	2.458	0.216	275	0.434	0.093	0.998
2356.0	92	4.5	2.405	0.178	271	0.215	0.133	1.000
2356.2	103	3.8	2.396	0.194	271	0.249	0.137	1.000
2356.4	109	4.3	2.434	0.216	263	0.389	0.109	1.000
2356.6	99	5.3	2.514	0.214	249	0.532	0.033	1.000
2356.8	93	6.6	2.544	0.209	245	0.574	0.014	1.000
2357.0	102	7.0	2.492	0.193	251	0.424	0.074	1.000
2357.2	110	6.5	2.456	0.173	258	0.296	0.100	1.000
2357.4	107	6.8	2.448	0.173	257	0.281	0.105	0.989
2357.6	106	6.7	2.447	0.173	257	0.278	0.106	0.981
2357.8	109	6.6	2.456	0.172	252	0.295	0.100	0.977
2358.0	108	5.9	2.459	0.192	257	0.360	0.096	0.975
2358.2	113	6.1	2.463	0.207	260	0.415	0.091	0.972
2358.4	122	7.0	2.473	0.213	258	0.455	0.081	0.967
2358.6	121	8.0	2.492	0.223	260	0.518	0.046	0.962
2358.8	114	8.3	2.494	0.232	261	0.551	0.033	0.961
2359.0	101	7.1	2.467	0.235	260	0.508	0.060	0.968
2359.2	89	4.7	2.424	0.227	264	0.404	0.113	0.984
2359.4	85	4.2	2.393	0.215	264	0.309	0.136	1.000
2359.6	82	4.1	2.407	0.198	262	0.282	0.129	1.000
2359.8	81	4.9	2.455	0.201	254	0.381	0.097	1.000
2360.0	80	5.8	2.512	0.204	250	0.499	0.045	1.000
2360.2	79	7.6	2.612	0.226	239	0.756	0.000	1.000
2360.4	80	8.5	2.632	0.244	236	0.847	0.000	0.997
2360.6	89	9.2	2.533	0.217	238	0.576	0.016	0.960
2360.8	101	8.6	2.473	0.186	242	0.369	0.087	0.929
2361.0	103	7.1	2.441	0.191	244	0.326	0.107	0.914
2361.2	98	5.7	2.402	0.199	249	0.275	0.133	0.919
2361.4	94	4.8	2.387	0.211	255	0.285	0.141	0.940
2361.6	93	4.4	2.407	0.212	263	0.325	0.127	0.969
2361.8	90	5.0	2.476	0.173	256	0.333	0.087	0.996
2362.0	86	6.5	2.584	0.128	227	0.399	0.022	1.000
2362.2	88	9.7	2.689	0.108	196	0.532	0.000	1.000
2362.4	102	13.2	2.696	0.107	196	0.543	0.000	1.000
2362.6	117	11.9	2.603	0.134	214	0.452	0.009	1.000
2362.8	130	8.2	2.504	0.171	239	0.381	0.069	1.000
2363.0	140	6.1	2.465	0.198	257	0.390	0.091	1.000
2363.2	142	6.7	2.483	0.206	262	0.450	0.078	1.000
2363.4	138	8.1	2.520	0.226	266	0.579	0.018	1.000
2363.6	132	9.1	2.518	0.240	268	0.622	0.007	1.000
2363.8	121	9.7	2.527	0.241	267	0.640	0.002	1.000
2364.0	122	9.6	2.559	0.258	266	0.753	0.000	1.000
2364.2	132	11.1	2.558	0.271	267	0.793	0.000	1.000
2364.4	128	12.5	2.538	0.255	268	0.705	0.000	1.000
2364.6	125	13.1	2.529	0.278	271	0.761	0.000	1.000
2364.8	121	12.6	2.525	0.311	274	0.855	0.000	1.000
2365.0	107	8.4	2.502	0.278	273	0.710	0.000	1.000
2365.2	88	5.5	2.454	0.227	273	0.460	0.089	1.000
2365.4	76	4.8	2.428	0.186	268	0.285	0.117	1.000
2365.6	77	5.1	2.437	0.173	265	0.260	0.112	1.000
2365.8	82	5.9	2.456	0.173	262	0.297	0.100	1.000
2366.0	85	7.1	2.514	0.177	256	0.419	0.061	1.000
2366.2	90	9.1	2.612	0.196	248	0.661	0.000	1.000

2366.4	104	11.6	2.629	0.233	247	0.809	0.000	1.000
2366.6	119	12.8	2.571	0.240	248	0.722	0.000	1.000
2366.8	123	11.6	2.533	0.224	258	0.599	0.011	1.000
2367.0	111	9.1	2.507	0.216	257	0.525	0.038	0.998
2367.2	97	7.3	2.482	0.198	258	0.424	0.080	0.999
2367.4	91	6.2	2.460	0.191	259	0.359	0.095	1.000
2367.6	91	6.1	2.468	0.193	259	0.381	0.090	1.000
2367.8	91	6.5	2.474	0.197	261	0.405	0.085	1.000
2368.0	88	6.7	2.474	0.203	261	0.423	0.084	1.000
2368.2	85	6.9	2.489	0.221	260	0.507	0.051	1.000
2368.4	84	7.0	2.436	0.278	263	Coal		
2368.6	87	8.8	2.165	0.376	306	Coal		
2368.8	95	11.7	1.915	0.418	353	Coal		
2369.0	100	14.9	1.971	0.366	382	Coal		
2369.2	98	14.4	2.240	0.278	358	Coal		
2369.4	84	9.8	2.429	0.218	303	Coal		
2369.6	77	6.9	2.461	0.203	265	0.399	0.093	0.965
2369.8	75	5.7	2.447	0.205	262	0.381	0.101	0.954
2370.0	80	5.3	2.437	0.222	261	0.413	0.106	0.942
2370.2	85	5.4	2.445	0.227	266	0.442	0.100	0.928
2370.4	95	6.1	2.454	0.224	263	0.452	0.094	0.914
2370.6	104	6.6	2.459	0.209	263	0.413	0.093	0.905
2370.8	110	8.8	2.475	0.201	263	0.420	0.084	0.905
2371.0	111	10.6	2.475	0.231	267	0.514	0.054	0.915
2371.2	109	10.8	2.317	0.274	265	Coal		
2371.4	107	10.1	2.246	0.302	274	Coal		
2371.6	110	11.3	2.188	0.346	293	Coal		
2371.8	117	15.7	2.174	0.413	332	Coal		
2372.0	118	16.5	2.302	0.406	340	0.730	0.000	0.997
2372.2	112	16.8	2.399	0.323	335	Coal		
2372.4	91	18.6	2.077	0.345	325	Coal		
2372.6	71	21.2	1.734	0.459	338	Coal		
2372.8	68	16.6	1.837	0.401	357	Coal		
2373.0	79	10.2	2.306	0.234	330	Coal		
2373.2	88	8.0	2.466	0.182	285	0.343	0.092	0.976
2373.4	90	6.7	2.449	0.189	254	0.333	0.103	0.986
2373.6	83	4.7	2.415	0.177	259	0.231	0.127	1.000
2373.8	83	3.7	2.383	0.158	267	0.111	0.155	1.000
2374.0	98	3.8	2.421	0.198	276	0.310	0.120	1.000
2374.2	116	5.4	2.485	0.262	272	0.628	0.007	1.000
2374.4	126	8.0	2.511	0.286	268	0.751	0.000	1.000
2374.6	119	8.3	2.514	0.260	271	0.677	0.000	1.000
2374.8	106	7.8	2.579	0.227	261	0.697	0.000	1.000
2375.0	100	8.2	2.661	0.244	251	0.904	0.000	1.000
2375.2	118	9.1	2.614	0.288	253	0.950	0.000	1.000
2375.4	133	11.6	2.571	0.308	266	0.934	0.000	1.000
2375.6	133	12.9	2.580	0.300	278	0.925	0.000	1.000
2375.8	128	13.5	2.587	0.297	278	0.929	0.000	1.000
2376.0	128	13.1	2.586	0.294	279	0.918	0.000	1.000
2376.2	130	13.2	2.563	0.297	280	0.883	0.000	1.000
2376.4	133	14.0	2.496	0.308	287	0.791	0.000	1.000
2376.6	133	13.5	2.496	0.343	294	0.899	0.000	1.000
2376.8	123	12.1	2.496	0.367	297	0.974	0.000	1.000
2377.0	106	10.4	2.363	0.387	300	Coal		
2377.2	72	11.0	2.119	0.426	329	Coal		
2377.4	44	17.3	1.671	0.449	379	Coal		
2377.6	44	40.8	1.406	0.471	437	Coal		
2377.8	63	26.7	1.445	0.451	441	Coal		
2378.0	78	18.9	1.768	0.334	419	Coal		

2378.2	86	12.9	2.247	0.232	340	Coal		
2378.4	90	8.8	2.445	0.208	287	0.384	0.103	0.887
2378.6	91	8.7	2.445	0.204	259	0.373	0.103	0.862
2378.8	86	7.2	2.415	0.196	258	0.291	0.124	0.849
2379.0	74	5.3	2.369	0.179	265	0.150	0.160	0.847
2379.2	71	4.9	2.377	0.190	275	0.199	0.151	0.853
2379.4	76	5.1	2.410	0.193	272	0.273	0.128	0.861
2379.6	78	5.8	2.415	0.185	266	0.257	0.125	0.865
2379.8	74	5.4	2.395	0.188	265	0.229	0.139	0.864
2380.0	73	5.5	2.394	0.193	267	0.241	0.139	0.862
2380.2	84	6.1	2.419	0.194	263	0.293	0.122	0.861
2380.4	103	7.5	2.463	0.202	260	0.398	0.092	0.868
2380.6	112	8.2	2.478	0.204	261	0.434	0.081	0.883
2380.8	114	8.9	2.478	0.211	263	0.456	0.078	0.905
2381.0	116	10.7	2.478	0.252	268	0.585	0.024	0.932
2381.2	116	12.9	2.378	0.311	279	Coal		
2381.4	99	18.9	2.001	0.416	295	Coal		
2381.6	84	23.4	1.842	0.477	348	Coal		
2381.8	81	13.3	1.999	0.382	357	Coal		
2382.0	75	5.7	2.250	0.246	329	Coal		
2382.2	65	3.5	2.338	0.188	288	Coal		
2382.4	70	3.6	2.403	0.177	284	0.209	0.135	1.000
2382.6	80	4.2	2.403	0.184	279	0.233	0.134	0.985
2382.8	84	5.1	2.403	0.188	266	0.243	0.133	0.959
2383.0	91	6.3	2.433	0.189	270	0.304	0.113	0.935
2383.2	104	8.2	2.476	0.198	267	0.413	0.084	0.921
2383.4	117	11.7	2.488	0.209	264	0.470	0.067	0.916
2383.6	113	16.1	2.310	0.250	265	Coal		
2383.8	101	19.6	2.110	0.347	305	Coal		
2384.0	94	16.7	2.131	0.364	317	Coal		
2384.2	95	13.1	2.329	0.272	315	0.365	0.171	0.923
2384.4	91	9.4	2.353	0.256	275	0.360	0.157	0.930
2384.6	89	8.6	2.106	0.347	299	Coal		
2384.8	98	12.6	1.939	0.422	340	Coal		
2385.0	105	21.6	2.025	0.380	351	Coal		
2385.2	109	22.9	2.192	0.360	334	Coal		
2385.4	112	21.5	2.206	0.397	339	Coal		
2385.6	116	20.9	2.282	0.359	326	Coal		
2385.8	114	18.6	2.502	0.257	305	0.645	0.002	0.943
2386.0	105	14.7	2.502	0.203	276	0.475	0.058	0.933
2386.2	103	13.9	2.502	0.207	260	0.490	0.053	0.933
2386.4	108	14.9	2.506	0.233	259	0.576	0.022	0.943
2386.6	113	17.0	2.506	0.256	259	0.649	0.000	0.960
2386.8	106	15.0	2.409	0.285	281	Coal		
2387.0	96	14.8	2.105	0.351	332	Coal		
2387.2	95	17.3	1.933	0.414	363	Coal		
2387.4	102	17.5	2.100	0.372	363	Coal		
2387.6	100	16.5	2.373	0.298	334	Coal		
2387.8	86	14.4	2.291	0.308	311	Coal		
2388.0	66	15.9	1.972	0.392	340	Coal		
2388.2	49	32.9	1.610	0.474	383	Coal		
2388.4	47	54.0	1.447	0.535	420	Coal		
2388.6	59	32.4	1.621	0.480	414	Coal		
2388.8	70	14.1	2.096	0.311	362	Coal		
2389.0	72	9.7	2.385	0.174	308	Coal		
2389.2	70	7.9	2.433	0.145	256	0.165	0.121	0.931
2389.4	67	6.6	2.427	0.159	255	0.199	0.122	0.917
2389.6	65	6.3	2.416	0.163	253	0.191	0.128	0.907
2389.8	72	6.0	2.431	0.155	256	0.191	0.120	0.898

2390.0	76	7.0	2.445	0.162	254	0.243	0.108	0.888
2390.2	80	7.5	2.445	0.168	253	0.261	0.108	0.877
2390.4	82	7.7	2.453	0.184	251	0.327	0.100	0.864
2390.6	77	7.6	2.440	0.184	253	0.299	0.109	0.855
2390.8	74	7.8	2.447	0.184	254	0.316	0.104	0.852
2391.0	83	8.3	2.485	0.190	255	0.405	0.079	0.858
2391.2	101	10.4	2.488	0.198	252	0.434	0.076	0.875
2391.4	115	12.5	2.490	0.222	259	0.515	0.048	0.899
2391.6	124	15.1	2.501	0.243	262	0.598	0.016	0.925
2391.8	125	18.3	2.409	0.245	265	Coal		
2392.0	111	24.6	2.117	0.332	301	Coal		
2392.2	100	23.2	1.983	0.403	330	Coal		
2392.4	90	11.2	2.122	0.317	333	Coal		
2392.6	88	7.5	2.426	0.203	317	0.333	0.116	0.924
2392.8	89	6.1	2.426	0.178	274	0.256	0.119	0.909
2393.0	89	5.6	2.424	0.185	263	0.274	0.120	0.898
2393.2	80	5.0	2.390	0.185	265	0.209	0.143	0.891
2393.4	71	4.5	2.368	0.182	268	0.159	0.160	0.889
2393.6	71	4.3	2.365	0.180	266	0.147	0.162	0.893
2393.8	96	5.1	2.384	0.180	270	0.185	0.148	0.902
2394.0	114	6.7	2.423	0.195	263	0.301	0.119	0.919
2394.2	111	8.9	2.442	0.205	254	Coal		
2394.4	97	11.2	2.235	0.247	286	Coal		
2394.6	75	12.1	1.821	0.391	322	Coal		
2394.8	55	19.4	1.458	0.532	382	Coal		
2395.0	54	24.5	1.397	0.512	440	Coal		
2395.2	65	13.4	1.682	0.370	389	Coal		
2395.4	68	7.8	2.153	0.207	336	Coal		
2395.6	74	5.8	2.435	0.177	266	0.270	0.113	0.953
2395.8	82	5.7	2.435	0.196	261	0.329	0.111	0.933
2396.0	91	6.1	2.435	0.199	259	0.340	0.110	0.912
2396.2	105	7.0	2.456	0.189	257	0.348	0.098	0.897
2396.4	115	9.1	2.476	0.172	260	0.333	0.087	0.892
2396.6	117	12.8	2.496	0.192	257	0.432	0.072	0.899
2396.8	116	15.3	2.500	0.223	257	0.536	0.037	0.916
2397.0	113	16.6	2.500	0.233	254	0.568	0.026	0.939
2397.2	100	18.7	2.300	0.277	267	Coal		
2397.4	69	22.1	1.952	0.397	320	Coal		
2397.6	42	31.1	1.620	0.524	370	Coal		
2397.8	45	40.9	1.444	0.562	417	Coal		
2398.0	64	23.0	1.530	0.480	428	Coal		
2398.2	80	8.7	1.972	0.320	376	Coal		
2398.4	82	6.3	2.327	0.197	296	Coal		
2398.6	87	6.1	2.435	0.187	258	0.302	0.112	0.902
2398.8	100	6.5	2.426	0.217	258	0.378	0.114	0.868
2399.0	111	8.3	2.411	0.231	268	0.391	0.122	0.840
2399.2	119	9.6	2.426	0.236	277	0.434	0.112	0.821
2399.4	123	9.5	2.450	0.229	275	0.459	0.092	0.814
2399.6	119	9.0	2.462	0.206	265	0.411	0.092	0.818
2399.8	123	8.5	2.469	0.207	258	0.428	0.087	0.833
2400.0	128	8.6	2.480	0.224	257	0.500	0.058	0.860
2400.2	132	7.8	2.474	0.209	259	0.443	0.084	0.896
2400.4	135	8.1	2.481	0.214	261	0.471	0.070	0.938
2400.6	127	8.9	2.517	0.202	255	0.503	0.042	0.979
2400.8	109	8.7	2.522	0.175	249	0.426	0.057	1.000
2401.0	102	6.7	2.468	0.156	248	0.268	0.094	1.000
2401.2	99	5.2	2.425	0.167	258	0.221	0.121	1.000
2401.4	102	5.1	2.436	0.178	260	0.276	0.113	0.994
2401.6	115	6.3	2.468	0.192	256	0.377	0.090	0.959

2401.8	129	7.5	2.469	0.202	256	0.412	0.088	0.919
2402.0	135	8.0	2.473	0.208	261	0.440	0.084	0.881
2402.2	131	8.5	2.477	0.209	260	0.448	0.082	0.852
2402.4	126	8.9	2.474	0.206	261	0.434	0.084	0.836
2402.6	120	9.6	2.470	0.209	261	0.434	0.087	0.837
2402.8	117	10.1	2.469	0.213	262	0.446	0.086	0.855
2403.0	117	11.3	2.484	0.230	262	0.527	0.045	0.884
2403.2	119	12.6	2.489	0.250	265	0.599	0.017	0.917
2403.4	121	14.2	2.487	0.273	267	0.667	0.000	0.947
2403.6	117	15.0	2.501	0.271	265	0.689	0.000	0.964
2403.8	113	15.3	2.537	0.263	258	0.731	0.000	0.964
2404.0	115	15.1	2.543	0.234	251	0.653	0.000	0.947
2404.2	121	14.2	2.527	0.214	248	0.560	0.022	0.917
2404.4	117	13.3	2.506	0.202	247	0.483	0.053	0.883
2404.6	108	12.4	2.498	0.195	249	0.444	0.070	0.851
2404.8	99	10.3	2.479	0.204	251	0.437	0.081	0.831
2405.0	93	8.8	2.445	0.197	257	0.353	0.104	0.825
2405.2	93	7.9	2.420	0.197	262	0.303	0.121	0.839
2405.4	92	7.6	2.417	0.192	264	0.284	0.123	0.873
2405.6	85	6.2	2.426	0.192	265	0.301	0.117	0.923
2405.8	73	5.4	2.427	0.192	261	0.303	0.117	0.982
2406.0	61	4.8	2.441	0.175	258	0.274	0.110	1.000
2406.2	58	4.6	2.463	0.168	253	0.295	0.096	1.000
2406.4	61	4.6	2.464	0.158	250	0.267	0.096	1.000
2406.6	75	4.0	2.421	0.164	251	0.202	0.125	1.000
2406.8	86	3.4	2.370	0.171	264	0.128	0.161	1.000
2407.0	96	3.8	2.367	0.179	267	0.149	0.161	1.000
2407.2	110	5.3	2.420	0.189	269	0.280	0.122	0.982
2407.4	109	6.6	2.453	0.212	264	0.413	0.097	0.968
2407.6	92	6.4	2.448	0.211	259	0.401	0.101	0.970
2407.8	77	5.6	2.446	0.185	256	0.314	0.105	0.981
2408.0	82	5.1	2.457	0.190	254	0.350	0.098	0.993
2408.2	90	5.5	2.459	0.197	257	0.378	0.095	0.997
2408.4	96	6.3	2.469	0.221	262	0.471	0.076	0.989
2408.6	106	7.7	2.492	0.229	260	0.538	0.039	0.973
2408.8	114	9.1	2.498	0.223	259	0.532	0.039	0.953
2409.0	117	8.8	2.498	0.228	260	0.546	0.034	0.934
2409.2	107	7.9	2.471	0.213	263	0.449	0.085	0.919
2409.4	85	6.6	2.444	0.176	265	0.285	0.108	0.911
2409.6	75	6.2	2.436	0.173	263	0.260	0.114	0.910
2409.8	80	7.1	2.459	0.190	258	0.355	0.096	0.917
2410.0	92	8.0	2.470	0.211	258	0.443	0.086	0.928
2410.2	101	8.8	2.354	0.294	292	Coal		
2410.4	94	10.2	2.155	0.361	326	Coal		
2410.6	78	8.5	2.160	0.305	323	Coal		
2410.8	69	6.5	2.318	0.208	301	Coal		
2411.0	66	4.9	2.360	0.185	266	0.152	0.165	0.958
2411.2	66	3.9	2.360	0.170	267	0.106	0.169	0.965
2411.4	67	3.6	2.360	0.161	271	0.077	0.171	0.976
2411.6	70	3.6	2.376	0.168	274	0.130	0.157	0.988
2411.8	78	4.2	2.412	0.180	267	0.237	0.129	0.995
2412.0	88	5.6	2.447	0.181	260	0.305	0.105	0.997
2412.2	98	7.9	2.475	0.178	254	0.350	0.087	0.994
2412.4	111	9.7	2.510	0.215	254	0.531	0.035	0.991
2412.6	119	11.1	2.527	0.257	262	0.695	0.000	0.990
2412.8	116	10.4	2.512	0.254	272	0.654	0.000	0.992
2413.0	107	9.4	2.565	0.233	268	0.689	0.000	0.993
2413.2	88	11.2	2.694	0.220	244	0.892	0.000	0.991
2413.4	74	16.6	2.801	0.206	221	1.000	0.000	0.983

2413.6	80	18.8	2.739	0.189	213	0.880	0.000	0.971
2413.8	96	14.1	2.591	0.192	221	0.613	0.002	0.959
2414.0	104	9.6	2.490	0.192	242	0.423	0.075	0.952
2414.2	109	7.6	2.471	0.192	257	0.385	0.088	0.952
2414.4	118	8.3	2.493	0.232	259	0.550	0.034	0.959
2414.6	129	9.6	2.525	0.276	264	0.747	0.000	0.971
2414.8	132	10.5	2.542	0.296	272	0.841	0.000	0.983
2415.0	131	11.6	2.542	0.317	282	0.909	0.000	0.990
2415.2	123	11.9	2.303	0.354	286	Coal		
2415.4	99	14.1	1.833	0.427	318	Coal		
2415.6	79	17.2	1.714	0.430	362	Coal		
2415.8	74	12.5	1.984	0.311	359	Coal		
2416.0	70	7.7	2.398	0.195	293	0.255	0.136	0.998
2416.2	65	3.8	2.398	0.172	256	0.183	0.140	1.000
2416.4	55	2.4	2.326	0.166	260	0.029	0.195	1.000
2416.6	52	2.3	2.301	0.166	270	0.000	0.210	1.000
2416.8	62	2.8	2.332	0.168	276	0.048	0.190	1.000
2417.0	81	3.6	2.383	0.166	265	0.138	0.152	1.000
2417.2	94	4.2	2.414	0.165	249	0.193	0.130	1.000
2417.4	88	4.7	2.411	0.175	244	0.217	0.130	1.000
2417.6	79	5.2	2.435	0.167	242	0.239	0.115	1.000
2417.8	74	8.4	2.531	0.138	230	0.329	0.055	1.000
2418.0	74	16.7	2.646	0.096	212	0.416	0.000	1.000
2418.2	77	59.3	2.692	0.077	190	0.443	0.000	1.000
2418.4	78	121.6	2.729	0.081	176	0.525	0.000	1.000
2418.6	73	75.5	2.811	0.113	179	0.780	0.000	0.994
2418.8	78	26.7	2.734	0.148	193	0.745	0.000	0.979
2419.0	98	16.2	2.581	0.157	214	0.485	0.018	0.969
2419.2	118	11.8	2.501	0.158	234	0.338	0.072	0.964
2419.4	125	11.0	2.525	0.192	245	0.488	0.043	0.966
2419.6	129	12.6	2.547	0.236	246	0.665	0.000	0.973
2419.8	126	14.7	2.551	0.257	250	0.739	0.000	0.982
2420.0	130	15.7	2.531	0.252	258	0.685	0.000	0.991
2420.2	135	16.2	2.520	0.271	269	0.722	0.000	0.996
2420.4	137	16.8	2.508	0.300	282	0.791	0.000	0.999
2420.6	134	17.1	2.510	0.290	278	0.763	0.000	0.998
2420.8	136	17.6	2.523	0.259	274	0.691	0.000	0.994
2421.0	143	16.5	2.526	0.284	275	0.774	0.000	0.987
2421.2	147	14.1	2.506	0.345	276	0.928	0.000	0.981
2421.4	129	10.6	2.458	0.340	292	0.822	0.000	0.980
2421.6	107	8.0	2.430	0.274	285	0.564	0.044	0.988
2421.8	87	6.2	2.435	0.185	280	0.295	0.113	1.000
2422.0	79	6.1	2.463	0.146	256	0.227	0.099	1.000
2422.2	81	6.5	2.480	0.145	247	0.253	0.088	1.000
2422.4	82	7.1	2.478	0.155	247	0.283	0.088	1.000
2422.6	88	7.3	2.485	0.159	247	0.310	0.083	1.000
2422.8	95	7.5	2.492	0.165	248	0.342	0.077	1.000
2423.0	102	8.8	2.492	0.190	245	0.420	0.074	1.000
2423.2	103	9.3	2.391	0.251	259	Coal		
2423.4	90	8.7	2.328	0.261	278	Coal		
2423.6	75	9.4	2.386	0.213	272	Coal		
2423.8	69	10.2	2.587	0.196	245	0.618	0.002	1.000
2424.0	68	9.9	2.587	0.215	241	0.677	0.000	1.000
2424.2	68	7.0	2.507	0.206	246	0.497	0.048	1.000
2424.4	64	4.0	2.394	0.179	260	0.199	0.141	1.000
2424.6	61	3.5	2.365	0.177	270	0.138	0.164	0.995
2424.8	67	3.7	2.377	0.185	268	0.184	0.153	0.975
2425.0	78	4.7	2.391	0.194	261	0.239	0.141	0.956
2425.2	85	5.0	2.403	0.204	256	0.294	0.132	0.940

2425.4	86	4.8	2.411	0.197	256	0.289	0.127	0.929
2425.6	86	4.6	2.393	0.197	256	0.252	0.139	0.921
2425.8	85	4.5	2.391	0.193	262	0.238	0.141	0.914
2426.0	87	4.8	2.405	0.192	262	0.261	0.132	0.907
2426.2	98	5.4	2.413	0.198	260	0.296	0.125	0.900
2426.4	106	5.5	2.405	0.201	259	0.289	0.130	0.894
2426.6	97	5.4	2.408	0.197	262	0.282	0.129	0.889
2426.8	98	5.8	2.432	0.195	262	0.321	0.113	0.884
2427.0	107	6.9	2.470	0.207	263	0.430	0.087	0.879
2427.2	106	8.1	2.488	0.203	261	0.452	0.075	0.874
2427.4	99	9.1	2.482	0.196	258	0.420	0.080	0.873
2427.6	97	9.2	2.463	0.198	257	0.391	0.092	0.881
2427.8	103	9.5	2.471	0.224	258	0.486	0.069	0.899
2428.0	110	10.4	2.488	0.270	264	0.660	0.000	0.922
2428.2	116	12.4	2.493	0.296	268	0.751	0.000	0.943
2428.4	128	15.7	2.500	0.288	272	0.739	0.000	0.955
2428.6	133	15.0	2.523	0.271	274	0.731	0.000	0.955
2428.8	129	12.2	2.512	0.239	268	0.610	0.011	0.951
2429.0	116	9.4	2.475	0.201	265	0.422	0.084	0.950
2429.2	109	7.8	2.463	0.187	261	0.355	0.094	0.956
2429.4	104	7.6	2.494	0.192	258	0.430	0.073	0.969
2429.6	105	8.3	2.512	0.187	254	0.449	0.062	0.982
2429.8	111	9.0	2.520	0.197	256	0.493	0.044	0.990
2430.0	111	9.0	2.519	0.219	263	0.560	0.024	0.990
2430.2	107	8.8	2.506	0.230	265	0.569	0.024	0.984
2430.4	106	8.7	2.490	0.214	267	0.488	0.059	0.978
2430.6	115	9.2	2.498	0.228	266	0.548	0.033	0.976
2430.8	125	11.0	2.532	0.271	267	0.747	0.000	0.980
2431.0	129	12.6	2.535	0.305	270	0.858	0.000	0.987
2431.2	126	13.0	2.400	0.338	295	Coal		
2431.4	120	14.0	2.233	0.374	327	Coal		
2431.6	107	16.0	2.173	0.395	349	Coal		
2431.8	100	22.1	2.124	0.430	353	Coal		
2432.0	100	25.7	2.062	0.426	358	Coal		
2432.2	107	26.7	2.089	0.417	344	Coal		
2432.4	110	29.4	2.030	0.434	361	Coal		
2432.6	113	33.4	1.977	0.443	375	Coal		
2432.8	117	16.3	2.109	0.391	372	Coal		
2433.0	107	7.3	2.284	0.297	350	Coal		
2433.2	87	4.4	2.357	0.205	311	0.209	0.163	0.958
2433.4	74	3.6	2.357	0.156	282	0.058	0.174	0.950
2433.6	76	3.7	2.357	0.148	270	0.031	0.176	0.939
2433.8	84	4.3	2.379	0.143	267	0.057	0.161	0.923
2434.0	93	5.2	2.407	0.154	261	0.145	0.137	0.901
2434.2	111	6.6	2.429	0.186	256	0.287	0.117	0.874
2434.4	136	8.4	2.463	0.215	257	0.440	0.091	0.848
2434.6	146	10.4	2.483	0.210	257	0.463	0.073	0.826
2434.8	137	9.1	2.464	0.201	252	0.400	0.092	0.813
2435.0	125	7.6	2.434	0.197	254	0.329	0.112	0.808
2435.2	118	7.7	2.436	0.197	256	0.336	0.110	0.811
2435.4	108	8.0	2.466	0.206	259	0.421	0.090	0.820
2435.6	88	8.1	2.460	0.198	256	0.384	0.094	0.832
2435.8	83	6.8	2.427	0.178	257	0.257	0.119	0.843
2436.0	91	6.3	2.433	0.173	261	0.255	0.116	0.851
2436.2	114	6.6	2.448	0.183	258	0.315	0.104	0.854
2436.4	136	6.8	2.448	0.193	259	0.345	0.103	0.853
2436.6	147	7.4	2.449	0.211	257	0.404	0.100	0.852
2436.8	136	6.7	2.437	0.239	256	0.469	0.094	0.859
2437.0	106	5.3	2.411	0.243	258	0.431	0.121	0.876

2437.2	80	4.4	2.385	0.217	264	0.300	0.142	0.902
2437.4	85	4.2	2.397	0.198	267	0.264	0.137	0.931
2437.6	102	4.7	2.426	0.190	264	0.293	0.118	0.954
2437.8	112	5.5	2.451	0.200	261	0.372	0.100	0.968
2438.0	111	6.2	2.468	0.211	261	0.438	0.088	0.971
2438.2	102	7.0	2.483	0.202	259	0.441	0.079	0.967
2438.4	98	7.7	2.491	0.201	258	0.451	0.074	0.962
2438.6	108	8.9	2.490	0.215	261	0.491	0.058	0.958
2438.8	127	10.6	2.515	0.250	270	0.649	0.000	0.959
2439.0	129	12.0	2.537	0.254	269	0.703	0.000	0.964
2439.2	114	11.5	2.515	0.214	266	0.537	0.032	0.973
2439.4	93	8.1	2.475	0.189	260	0.385	0.086	0.984
2439.6	78	7.0	2.496	0.189	250	0.423	0.073	0.998
2439.8	69	8.9	2.636	0.171	234	0.631	0.000	1.000
2440.0	72	11.9	2.740	0.179	221	0.854	0.000	1.000
2440.2	86	10.2	2.641	0.186	230	0.689	0.000	1.000
2440.4	96	7.6	2.528	0.186	242	0.473	0.046	1.000
2440.6	104	6.8	2.490	0.185	259	0.399	0.077	1.000
2440.8	117	7.5	2.511	0.201	265	0.489	0.049	1.000
2441.0	136	9.7	2.527	0.222	264	0.584	0.016	1.000
2441.2	142	10.9	2.513	0.233	267	0.592	0.016	1.000
2441.4	134	11.0	2.513	0.224	269	0.565	0.024	1.000
2441.6	131	10.8	2.517	0.245	268	0.638	0.003	1.000
2441.8	126	10.5	2.445	0.272	274	Coal		
2442.0	116	8.7	2.061	0.354	279	Coal		
2442.2	104	8.5	1.638	0.438	343	Coal		
2442.4	98	9.6	1.509	0.491	385	Coal		
2442.6	93	14.0	1.604	0.497	430	Coal		
2442.8	88	13.5	1.861	0.382	368	Coal		
2443.0	88	9.0	2.228	0.216	315	Coal		
2443.2	85	7.0	2.430	0.175	260	Coal		
2443.4	79	6.0	2.442	0.183	253	0.302	0.108	0.958
2443.6	77	5.3	2.422	0.179	262	0.252	0.122	0.936
2443.8	82	5.4	2.419	0.169	256	0.216	0.125	0.913
2444.0	88	6.5	2.431	0.189	252	0.301	0.115	0.893
2444.2	93	7.3	2.449	0.203	248	0.380	0.101	0.882
2444.4	92	7.7	2.448	0.191	251	0.339	0.103	0.881
2444.6	79	5.4	2.416	0.180	259	0.244	0.126	0.891
2444.8	68	4.6	2.384	0.177	262	0.176	0.149	0.907
2445.0	64	4.7	2.393	0.177	259	0.193	0.142	0.925
2445.2	64	4.7	2.401	0.168	259	0.177	0.139	0.941
2445.4	62	4.5	2.395	0.171	260	0.177	0.143	0.950
2445.6	58	4.1	2.374	0.181	266	0.168	0.155	0.952
2445.8	60	4.0	2.382	0.186	268	0.199	0.149	0.945
2446.0	68	4.6	2.409	0.182	261	0.238	0.130	0.930
2446.2	78	5.2	2.415	0.187	258	0.263	0.126	0.908
2446.4	86	5.9	2.413	0.197	255	0.292	0.126	0.883
2446.6	94	6.2	2.428	0.195	256	0.312	0.116	0.858
2446.8	104	7.6	2.447	0.185	259	0.321	0.105	0.839
2447.0	111	9.3	2.446	0.191	256	0.335	0.105	0.829
2447.2	113	10.1	2.452	0.206	259	0.394	0.099	0.831
2447.4	110	11.4	2.461	0.210	259	0.424	0.093	0.847
2447.6	102	9.7	2.472	0.198	253	0.405	0.087	0.872
2447.8	82	5.8	2.441	0.182	254	0.297	0.109	0.901
2448.0	78	5.1	2.404	0.177	259	0.211	0.135	0.924
2448.2	98	4.9	2.428	0.183	264	0.277	0.118	0.936
2448.4	103	5.5	2.462	0.188	262	0.358	0.094	0.936
2448.6	103	7.3	2.454	0.197	255	0.370	0.099	0.931
2448.8	104	7.7	2.454	0.197	258	0.370	0.099	0.928

2449.0	102	7.9	2.454	0.256	259	0.553	0.044	0.933
2449.2	91	8.5	2.198	0.380	285	Coal		
2449.4	62	11.0	2.055	0.420	318	Coal		
2449.6	31	16.2	2.031	0.416	317	Coal		
2449.8	17	25.3	1.915	0.459	339	Coal		
2450.0	13	36.3	1.601	0.502	354	Coal		
2450.2	20	48.6	1.441	0.475	427	Coal		
2450.4	40	54.4	1.587	0.446	468	Coal		
2450.6	65	35.0	2.089	0.379	439	Coal		
2450.8	81	25.1	2.262	0.320	397	Coal		
2451.0	87	23.1	2.067	0.374	333	Coal		
2451.2	80	30.5	1.764	0.428	383	Coal		
2451.4	64	41.0	1.488	0.453	464	Coal		
2451.6	62	50.2	1.402	0.534	462	Coal		
2451.8	74	30.4	1.531	0.532	442	Coal		
2452.0	80	12.3	1.856	0.367	388	Coal		
2452.2	79	7.5	2.239	0.204	315	Coal		
2452.4	83	6.6	2.451	0.163	263	0.259	0.105	0.932
2452.6	91	7.3	2.451	0.176	257	0.299	0.103	0.908
2452.8	100	7.9	2.451	0.178	256	0.303	0.103	0.889
2453.0	109	7.7	2.451	0.179	255	0.307	0.103	0.880
2453.2	119	7.6	2.461	0.178	263	0.323	0.097	0.885
2453.4	129	8.4	2.481	0.192	258	0.403	0.082	0.900
2453.6	128	9.8	2.506	0.207	257	0.499	0.048	0.922
2453.8	127	12.6	2.530	0.228	256	0.610	0.009	0.943
2454.0	129	15.6	2.533	0.232	256	0.627	0.005	0.960
2454.2	129	16.7	2.520	0.233	257	0.605	0.011	0.970
2454.4	126	15.3	2.513	0.227	258	0.575	0.021	0.974
2454.6	122	14.2	2.512	0.215	259	0.536	0.034	0.975
2454.8	123	14.0	2.518	0.210	260	0.531	0.033	0.976
2455.0	129	14.9	2.508	0.233	261	0.586	0.019	0.980
2455.2	126	10.3	2.508	0.281	266	0.734	0.000	0.986
2455.4	114	9.6	2.508	0.289	286	0.761	0.000	0.992
2455.6	108	9.5	2.385	0.282	285	Coal		
2455.8	103	9.8	2.308	0.308	291	Coal		
2456.0	93	16.5	2.219	0.367	309	Coal		
2456.2	90	20.4	2.279	0.395	328	Coal		
2456.4	99	22.0	2.498	0.364	318	Coal		
2456.6	115	22.1	2.539	0.268	284	0.751	0.000	0.932
2456.8	126	20.0	2.519	0.209	266	0.528	0.034	0.903
2457.0	126	16.6	2.499	0.186	257	0.421	0.071	0.884
2457.2	111	12.4	2.475	0.190	256	0.387	0.086	0.881
2457.4	93	8.7	2.451	0.190	258	0.340	0.102	0.898
2457.6	87	6.2	2.435	0.186	265	0.298	0.113	0.929
2457.8	90	5.0	2.443	0.193	263	0.335	0.107	0.965
2458.0	101	5.1	2.460	0.191	262	0.361	0.096	0.995
2458.2	107	6.1	2.480	0.203	261	0.436	0.081	1.000
2458.4	107	6.7	2.480	0.211	265	0.461	0.076	1.000
2458.6	108	7.1	2.369	0.258	273	Coal		
2458.8	109	9.1	2.151	0.361	304	Coal		
2459.0	101	13.3	1.885	0.486	343	Coal		
2459.2	97	16.3	1.861	0.456	383	Coal		
2459.4	88	10.9	2.083	0.309	366	Coal		
2459.6	80	7.7	2.344	0.208	322	Coal		
2459.8	77	6.2	2.453	0.196	271	0.366	0.100	0.951
2460.0	84	6.4	2.453	0.192	265	0.351	0.100	0.941
2460.2	98	7.4	2.453	0.184	263	0.327	0.101	0.938
2460.4	104	6.4	2.453	0.207	266	0.400	0.098	0.945
2460.6	101	7.2	2.268	0.300	288	Coal		

2460.8	103	8.0	2.196	0.341	320	Coal		
2461.0	110	11.0	2.359	0.256	310	Coal		
2461.2	116	14.3	2.576	0.207	259	0.632	0.002	0.994
2461.4	118	12.9	2.576	0.200	239	0.610	0.004	0.998
2461.6	118	12.7	2.576	0.207	239	0.631	0.002	1.000
2461.8	118	12.3	2.576	0.230	239	0.703	0.000	1.000
2462.0	122	12.1	2.480	0.280	246	Coal		
2462.2	120	12.2	2.409	0.299	272	Coal		
2462.4	117	12.6	2.435	0.260	283	Coal		
2462.6	115	13.0	2.579	0.226	280	0.697	0.000	1.000
2462.8	115	13.2	2.579	0.196	251	0.604	0.004	1.000
2463.0	112	13.3	2.570	0.191	243	0.571	0.010	0.997
2463.2	117	13.5	2.558	0.184	243	0.525	0.021	0.990
2463.4	126	13.9	2.575	0.179	242	0.542	0.013	0.974
2463.6	125	14.7	2.582	0.185	238	0.575	0.007	0.950
2463.8	119	15.7	2.553	0.189	238	0.531	0.022	0.918
2464.0	119	15.5	2.526	0.178	241	0.446	0.054	0.883
2464.2	121	14.4	2.514	0.167	245	0.391	0.064	0.851
2464.4	121	13.8	2.509	0.176	244	0.410	0.065	0.830
2464.6	123	13.9	2.515	0.184	243	0.445	0.061	0.822
2464.8	124	14.1	2.517	0.191	242	0.470	0.053	0.827
2465.0	117	13.1	2.512	0.177	243	0.418	0.064	0.840
2465.2	108	11.9	2.507	0.158	243	0.349	0.069	0.853
2465.4	102	10.1	2.504	0.153	245	0.326	0.071	0.861
2465.6	100	9.6	2.492	0.153	246	0.305	0.079	0.860
2465.8	105	9.6	2.469	0.153	246	0.262	0.094	0.850
2466.0	112	10.4	2.467	0.164	247	0.290	0.094	0.836
2466.2	109	12.1	2.471	0.179	245	0.347	0.090	0.821
2466.4	106	12.9	2.477	0.187	243	0.382	0.085	0.810
2466.6	101	11.2	2.462	0.180	246	0.331	0.096	0.806
2466.8	99	10.0	2.441	0.173	250	0.269	0.111	0.810
2467.0	98	8.3	2.440	0.173	254	0.268	0.111	0.821
2467.2	104	9.1	2.446	0.191	254	0.336	0.105	0.837
2467.4	118	10.8	2.482	0.216	251	0.482	0.066	0.852
2467.6	130	15.2	2.518	0.222	248	0.568	0.022	0.861
2467.8	130	15.3	2.518	0.214	245	0.542	0.030	0.861
2468.0	125	14.1	2.504	0.196	249	0.462	0.062	0.851
2468.2	115	13.7	2.508	0.185	251	0.434	0.066	0.836
2468.4	110	13.5	2.513	0.191	255	0.463	0.058	0.820
2468.6	107	13.8	2.507	0.202	256	0.485	0.053	0.809
2468.8	113	13.9	2.503	0.201	255	0.473	0.059	0.804
2469.0	110	13.6	2.507	0.203	255	0.489	0.051	0.802
2469.2	102	13.0	2.504	0.215	255	0.520	0.042	0.802
2469.4	101	12.9	2.499	0.203	254	0.475	0.060	0.802
2469.6	105	11.3	2.482	0.191	254	0.406	0.081	0.802
2469.8	102	9.2	2.468	0.182	255	0.348	0.092	0.802
2470.0	98	9.0	2.474	0.188	257	0.380	0.087	0.801
2470.2	102	9.8	2.494	0.206	257	0.472	0.064	0.801
2470.4	105	11.9	2.487	0.209	255	0.471	0.068	0.801
2470.6	102	11.8	2.484	0.188	254	0.399	0.081	0.802
2470.8	104	12.0	2.489	0.188	255	0.408	0.077	0.804
2471.0	107	11.6	2.480	0.178	256	0.360	0.084	0.810
2471.2	106	11.4	2.476	0.174	255	0.338	0.088	0.821
2471.4	101	11.2	2.491	0.179	254	0.385	0.077	0.839
2471.6	94	8.8	2.479	0.181	252	0.366	0.084	0.860
2471.8	85	6.8	2.444	0.176	255	0.285	0.108	0.879
2472.0	78	5.2	2.416	0.167	255	0.203	0.129	0.893
2472.2	78	5.1	2.416	0.173	257	0.221	0.127	0.896
2472.4	82	5.8	2.431	0.191	258	0.307	0.115	0.892

2472.6	88	7.0	2.450	0.201	254	0.373	0.101	0.883
2472.8	86	7.3	2.452	0.199	256	0.374	0.100	0.873
2473.0	79	6.8	2.447	0.189	259	0.332	0.105	0.865
2473.2	77	6.8	2.457	0.184	256	0.334	0.099	0.858
2473.4	83	6.8	2.454	0.197	254	0.368	0.099	0.850
2473.6	85	7.5	2.450	0.192	251	0.347	0.102	0.840
2473.8	87	7.8	2.445	0.172	251	0.275	0.108	0.828
2474.0	99	9.7	2.459	0.177	254	0.315	0.098	0.817
2474.2	107	11.7	2.488	0.206	254	0.464	0.070	0.809
2474.4	107	13.7	2.497	0.215	252	0.507	0.049	0.804
2474.6	106	14.7	2.499	0.198	252	0.458	0.066	0.801
2474.8	110	13.9	2.496	0.203	256	0.468	0.064	0.801
2475.0	108	11.6	2.489	0.209	257	0.474	0.066	0.804
2475.2	99	10.8	2.485	0.202	256	0.445	0.078	0.812
2475.4	101	10.4	2.490	0.194	255	0.427	0.076	0.831
2475.6	108	10.2	2.488	0.196	252	0.433	0.077	0.863
2475.8	101	7.8	2.469	0.197	253	0.397	0.089	0.910
2476.0	91	6.1	2.443	0.187	254	0.319	0.107	0.968
2476.2	82	4.2	2.421	0.182	258	0.262	0.122	1.000
2476.4	75	3.5	2.407	0.171	263	0.199	0.134	1.000
2476.6	68	3.2	2.399	0.154	263	0.132	0.144	1.000
2476.8	65	3.3	2.403	0.144	266	0.108	0.143	1.000
2477.0	66	3.9	2.416	0.150	263	0.153	0.132	1.000
2477.2	64	3.8	2.433	0.185	256	0.292	0.114	1.000
2477.4	59	3.5	2.381	0.327	267	Coal		
2477.6	55	4.3	2.024	0.434	304	Coal		
2477.8	68	5.6	1.623	0.451	361	Coal		
2478.0	89	13.8	1.630	0.447	381	Coal		
2478.2	104	14.8	2.057	0.419	343	Coal		
2478.4	114	13.3	2.459	0.323	298	Coal		
2478.6	119	13.7	2.558	0.278	259	0.819	0.000	0.994
2478.8	125	15.1	2.540	0.279	258	0.789	0.000	0.984
2479.0	126	16.9	2.497	0.270	272	0.679	0.000	0.971
2479.2	121	19.4	2.491	0.248	271	0.599	0.017	0.958
2479.4	112	19.5	2.506	0.220	260	0.543	0.033	0.949
2479.6	104	16.4	2.506	0.202	258	0.485	0.053	0.946
2479.8	97	16.8	2.311	0.242	274	Coal		
2480.0	94	17.2	2.174	0.297	301	Coal		
2480.2	86	14.3	2.218	0.267	299	Coal		
2480.4	73	8.6	2.327	0.177	289	Coal		
2480.6	59	5.2	2.371	0.144	267	0.047	0.167	0.948
2480.8	51	3.6	2.346	0.148	276	0.011	0.184	0.939
2481.0	61	3.6	2.346	0.143	278	0.000	0.185	0.929
2481.2	80	4.3	2.369	0.140	272	0.030	0.169	0.916
2481.4	103	5.7	2.417	0.153	266	0.161	0.131	0.901
2481.6	120	8.7	2.482	0.169	256	0.335	0.084	0.883
2481.8	122	12.3	2.522	0.186	251	0.465	0.052	0.866
2482.0	112	10.9	2.485	0.188	252	0.400	0.080	0.852
2482.2	95	8.1	2.443	0.169	256	0.261	0.110	0.843
2482.4	87	6.8	2.449	0.173	256	0.287	0.105	0.837
2482.6	98	8.1	2.478	0.196	254	0.414	0.083	0.831
2482.8	103	10.9	2.477	0.196	253	0.409	0.084	0.825
2483.0	99	10.8	2.456	0.180	254	0.320	0.100	0.822
2483.2	95	10.0	2.452	0.164	255	0.263	0.104	0.824
2483.4	102	9.2	2.453	0.157	261	0.244	0.104	0.836
2483.6	108	10.1	2.462	0.167	263	0.290	0.097	0.855
2483.8	106	11.9	2.520	0.172	260	0.417	0.059	0.876
2484.0	100	13.2	2.608	0.179	253	0.604	0.000	0.891
2484.2	98	12.6	2.587	0.183	253	0.578	0.005	0.898

2484.4	108	12.0	2.521	0.181	256	0.447	0.058	0.898
2484.6	112	10.7	2.498	0.173	262	0.378	0.074	0.897
2484.8	111	10.8	2.508	0.167	256	0.380	0.067	0.902
2485.0	115	11.4	2.511	0.190	256	0.456	0.061	0.916
2485.2	119	12.0	2.529	0.218	254	0.580	0.017	0.937
2485.4	120	12.8	2.537	0.235	252	0.647	0.000	0.960
2485.6	113	13.5	2.411	0.276	275	Coal		
2485.8	106	15.8	2.236	0.325	291	Coal		
2486.0	107	17.5	2.266	0.302	292	Coal		
2486.2	111	20.9	2.437	0.246	283	Coal		
2486.4	111	20.8	2.571	0.210	257	0.633	0.002	0.994
2486.6	113	18.8	2.571	0.181	246	0.540	0.014	0.982
2486.8	107	17.2	2.571	0.153	241	0.454	0.029	0.962
2487.0	100	16.2	2.556	0.150	234	0.416	0.039	0.939
2487.2	96	15.2	2.535	0.150	236	0.376	0.052	0.920
2487.4	96	15.1	2.501	0.177	249	0.395	0.071	0.910
2487.6	95	13.8	2.484	0.193	255	0.414	0.080	0.913
2487.8	88	12.7	2.542	0.189	256	0.512	0.030	0.926
2488.0	84	13.7	2.664	0.188	247	0.740	0.000	0.942
2488.2	90	15.2	2.691	0.188	238	0.793	0.000	0.955
2488.4	100	15.1	2.583	0.171	239	0.535	0.011	0.959
2488.6	109	13.7	2.526	0.148	247	0.354	0.058	0.955
2488.8	116	12.7	2.526	0.150	250	0.360	0.058	0.942
2489.0	119	12.6	2.537	0.155	247	0.396	0.050	0.924
2489.2	116	13.7	2.542	0.162	245	0.426	0.047	0.904
2489.4	114	14.1	2.533	0.171	246	0.439	0.051	0.886
2489.6	121	14.0	2.526	0.184	248	0.467	0.050	0.876
2489.8	125	12.9	2.524	0.191	250	0.485	0.045	0.879
2490.0	123	12.3	2.527	0.178	247	0.448	0.054	0.894
2490.2	112	11.9	2.528	0.176	255	0.445	0.054	0.919
2490.4	100	7.6	2.438	0.204	257	Coal		
2490.6	100	5.8	2.195	0.300	294	Coal		
2490.8	103	6.3	1.979	0.383	335	Coal		
2491.0	102	7.9	1.886	0.448	382	Coal		
2491.2	91	19.2	1.721	0.454	381	Coal		
2491.4	86	18.8	1.572	0.453	400	Coal		
2491.6	91	21.2	1.600	0.440	439	Coal		
2491.8	99	21.8	1.769	0.453	455	Coal		
2492.0	103	24.8	1.823	0.477	420	Coal		
2492.2	99	27.7	1.975	0.405	313	Coal		
2492.4	92	14.4	2.265	0.256	263	Coal		
2492.6	89	7.9	2.445	0.180	252	0.298	0.107	0.923
2492.8	86	6.4	2.445	0.153	257	0.215	0.111	0.900
2493.0	92	7.1	2.445	0.167	258	0.259	0.109	0.881
2493.2	102	8.8	2.474	0.177	254	0.345	0.089	0.869
2493.4	103	9.0	2.452	0.173	251	0.290	0.103	0.863
2493.6	92	7.6	2.442	0.170	256	0.262	0.110	0.862
2493.8	86	6.9	2.455	0.173	259	0.297	0.102	0.864
2494.0	94	7.5	2.473	0.174	258	0.334	0.089	0.868
2494.2	111	9.5	2.485	0.181	257	0.379	0.081	0.874
2494.4	119	11.3	2.500	0.198	256	0.461	0.065	0.885
2494.6	124	12.8	2.517	0.202	255	0.506	0.041	0.897
2494.8	130	15.0	2.523	0.237	254	0.627	0.006	0.906
2495.0	126	16.8	2.507	0.278	258	0.724	0.000	0.907
2495.2	115	16.5	2.458	0.308	272	0.725	0.000	0.898
2495.4	103	14.0	2.397	0.283	274	0.531	0.074	0.883
2495.6	88	8.5	2.384	0.223	273	0.319	0.142	0.868
2495.8	87	6.3	2.406	0.198	262	0.281	0.131	0.862
2496.0	98	6.0	2.426	0.206	264	0.345	0.117	0.864

2496.2	116	7.5	2.484	0.205	258	0.451	0.078	0.869
2496.4	120	11.3	2.534	0.184	249	0.480	0.042	0.871
2496.6	109	12.4	2.529	0.168	249	0.421	0.054	0.864
2496.8	100	11.6	2.501	0.181	250	0.410	0.070	0.850
2497.0	92	9.7	2.469	0.201	253	0.412	0.089	0.836
2497.2	84	8.0	2.435	0.199	259	0.340	0.111	0.830
2497.4	82	7.6	2.434	0.185	254	0.297	0.113	0.836
2497.6	93	8.1	2.457	0.176	252	0.308	0.100	0.856
2497.8	102	9.3	2.460	0.178	252	0.322	0.098	0.886
2498.0	105	10.3	2.216	0.212	243	Coal		
2498.2	99	9.7	1.821	0.314	326	Coal		
2498.4	98	11.6	1.670	0.417	350	Coal		
2498.6	97	12.2	1.880	0.371	353	Coal		
2498.8	91	11.7	2.298	0.243	293	Coal		
2499.0	83	8.7	2.464	0.193	267	0.377	0.093	0.893
2499.2	82	7.6	2.464	0.183	261	0.345	0.095	0.863
2499.4	95	8.8	2.464	0.184	254	0.348	0.095	0.838
2499.6	106	10.9	2.502	0.192	254	0.447	0.069	0.825
2499.8	106	10.5	2.494	0.212	259	0.492	0.056	0.824
2500.0	97	8.3	2.439	0.210	261	0.384	0.107	0.833
2500.2	83	6.5	2.405	0.188	267	0.250	0.133	0.848
2500.4	80	6.4	2.445	0.185	261	0.316	0.107	0.862
2500.6	82	7.3	2.490	0.183	254	0.396	0.078	0.871
2500.8	89	9.2	2.486	0.180	253	0.379	0.080	0.877
2501.0	99	10.6	2.487	0.173	253	0.358	0.081	0.881
2501.2	108	10.7	2.507	0.169	252	0.383	0.068	0.888
2501.4	116	10.0	2.507	0.186	256	0.437	0.066	0.903
2501.6	122	9.8	2.507	0.194	256	0.463	0.061	0.924
2501.8	121	7.5	2.345	0.244	250	Coal		
2502.0	109	7.2	2.027	0.387	325	Coal		
2502.2	100	7.5	1.987	0.451	342	Coal		
2502.4	99	8.6	2.190	0.361	318	Coal		
2502.6	100	12.6	2.293	0.267	257	Coal		
2502.8	106	12.1	2.397	0.269	246	0.487	0.103	0.885
2503.0	116	12.5	2.397	0.265	246	0.476	0.111	0.861
2503.2	123	14.2	2.397	0.257	250	0.449	0.128	0.851
2503.4	121	14.6	2.449	0.250	255	0.526	0.059	0.860
2503.6	122	14.3	2.449	0.256	259	0.547	0.049	0.882
2503.8	122	15.4	2.380	0.325	263	Coal		
2504.0	118	19.2	2.260	0.388	302	Coal		
2504.2	115	21.0	2.234	0.337	323	Coal		
2504.4	118	22.1	2.370	0.231	296	Coal		
2504.6	121	20.3	2.495	0.189	262	0.424	0.074	0.905
2504.8	117	18.4	2.495	0.193	250	0.437	0.073	0.900
2505.0	115	18.5	2.495	0.219	249	0.517	0.046	0.907
2505.2	119	18.5	2.502	0.230	250	0.565	0.027	0.927
2505.4	119	18.5	2.512	0.225	249	0.568	0.024	0.949
2505.6	118	17.4	2.521	0.220	245	0.571	0.021	0.964
2505.8	112	16.3	2.544	0.212	241	0.589	0.012	0.964
2506.0	108	13.2	2.599	0.211	236	0.691	0.000	0.948
2506.2	101	12.6	2.578	0.207	235	0.638	0.001	0.923
2506.4	97	11.2	2.505	0.197	238	0.469	0.060	0.897
2506.6	88	8.8	2.446	0.183	251	0.311	0.106	0.878
2506.8	82	6.7	2.418	0.177	254	0.239	0.125	0.873
2507.0	78	5.5	2.415	0.179	261	0.240	0.127	0.882
2507.2	76	5.2	2.405	0.186	263	0.242	0.133	0.904
2507.4	76	5.1	2.400	0.177	262	0.205	0.138	0.931
2507.6	77	4.9	2.414	0.152	264	0.154	0.133	0.957
2507.8	83	5.0	2.419	0.150	263	0.158	0.130	0.974

2508.0	87	6.2	2.472	0.174	259	0.334	0.090	0.979
2508.2	84	8.5	2.560	0.195	249	0.565	0.013	0.970
2508.4	80	8.3	2.562	0.180	246	0.523	0.020	0.947
2508.6	81	8.0	2.480	0.170	253	0.336	0.085	0.919
2508.8	89	8.3	2.448	0.179	261	0.302	0.106	0.892
2509.0	100	9.5	2.487	0.189	254	0.408	0.079	0.875
2509.2	107	12.3	2.521	0.195	247	0.490	0.045	0.866
2509.4	110	15.4	2.531	0.197	245	0.517	0.033	0.862
2509.6	109	16.6	2.535	0.193	246	0.511	0.033	0.858
2509.8	112	17.9	2.530	0.198	247	0.518	0.033	0.850
2510.0	113	17.8	2.520	0.194	246	0.485	0.047	0.838
2510.2	113	15.7	2.509	0.184	245	0.435	0.065	0.824
2510.4	107	14.0	2.493	0.179	245	0.386	0.076	0.812
2510.6	99	11.7	2.488	0.178	249	0.377	0.079	0.805
2510.8	99	10.6	2.486	0.178	250	0.372	0.081	0.802
2511.0	100	10.3	2.484	0.182	252	0.379	0.082	0.804
2511.2	97	10.1	2.475	0.181	251	0.360	0.088	0.809
2511.4	94	9.4	2.470	0.177	250	0.339	0.091	0.820
2511.6	97	8.7	2.458	0.171	252	0.297	0.100	0.834
2511.8	97	8.3	2.461	0.167	251	0.291	0.098	0.851
2512.0	97	7.9	2.472	0.171	252	0.321	0.091	0.869
2512.2	95	7.4	2.464	0.173	250	0.312	0.096	0.884
2512.4	92	6.8	2.454	0.175	252	0.301	0.102	0.896
2512.6	97	7.2	2.464	0.187	251	0.358	0.094	0.903
2512.8	97	9.2	2.494	0.199	246	0.451	0.073	0.906
2513.0	98	14.0	2.559	0.177	232	0.508	0.024	0.905
2513.2	99	17.9	2.599	0.167	218	0.551	0.005	0.904
2513.4	94	17.1	2.484	0.172	219	0.348	0.083	0.911
2513.6	82	10.6	2.399	0.172	238	0.187	0.140	0.929
2513.8	72	5.3	2.387	0.151	258	0.101	0.153	0.959
2514.0	71	4.0	2.394	0.138	262	0.073	0.150	0.994
2514.2	78	3.5	2.402	0.142	266	0.100	0.144	1.000
2514.4	94	3.9	2.425	0.170	268	0.231	0.121	1.000
2514.6	106	5.7	2.500	0.228	275	0.556	0.031	1.000
2514.8	107	12.6	2.585	0.291	273	0.916	0.000	1.000
2515.0	110	16.9	2.556	0.307	279	0.911	0.000	0.998
2515.2	122	15.6	2.495	0.298	286	0.766	0.000	0.969
2515.4	124	15.1	2.471	0.273	290	0.642	0.003	0.946
2515.6	124	15.3	2.471	0.241	283	0.541	0.045	0.933
2515.8	133	18.1	2.454	0.258	289	0.561	0.041	0.933
2516.0	142	18.8	2.401	0.310	305	0.627	0.014	0.943
2516.2	141	22.5	2.366	0.356	319	0.702	0.000	0.960
2516.4	136	23.5	2.394	0.356	328	0.757	0.000	0.977
2516.6	121	17.5	2.475	0.291	314	0.705	0.000	0.989
2516.8	113	15.7	2.537	0.226	292	0.618	0.007	0.994
2517.0	117	15.1	2.567	0.191	268	0.567	0.011	0.994
2517.2	115	15.1	2.567	0.166	250	0.489	0.025	0.993
2517.4	116	17.9	2.562	0.160	241	0.459	0.033	0.991
2517.6	119	19.1	2.575	0.178	238	0.541	0.013	0.990
2517.8	115	18.3	2.611	0.184	235	0.628	0.000	0.988
2518.0	106	16.6	2.618	0.171	237	0.602	0.000	0.987
2518.2	105	14.5	2.572	0.161	238	0.482	0.024	0.988
2518.4	102	14.6	2.540	0.151	239	0.390	0.049	0.995
2518.6	98	16.1	2.570	0.159	235	0.473	0.026	1.000
2518.8	96	15.9	2.627	0.158	232	0.578	0.000	1.000
2519.0	93	13.1	2.619	0.156	232	0.556	0.000	1.000
2519.2	88	9.8	2.546	0.147	238	0.388	0.046	1.000
2519.4	81	8.6	2.507	0.147	243	0.315	0.070	1.000
2519.6	81	8.7	2.510	0.146	247	0.319	0.068	1.000

2519.8	86	10.1	2.526	0.149	244	0.356	0.058	1.000
2520.0	95	12.8	2.543	0.152	238	0.400	0.047	1.000
2520.2	105	16.7	2.550	0.167	235	0.460	0.039	1.000
2520.4	112	18.2	2.554	0.186	237	0.528	0.022	0.998
2520.6	118	18.4	2.573	0.216	242	0.656	0.000	0.993
2520.8	125	18.2	2.579	0.223	248	0.691	0.000	0.993
2521.0	125	18.1	2.568	0.198	247	0.592	0.008	0.996
2521.2	119	17.5	2.566	0.178	243	0.525	0.019	0.996
2521.4	116	17.0	2.576	0.178	239	0.545	0.012	0.989
2521.6	115	16.7	2.592	0.184	244	0.592	0.004	0.974
2521.8	115	15.1	2.555	0.224	251	0.649	0.000	0.950
2522.0	116	12.5	2.468	0.262	272	0.602	0.019	0.920
2522.2	123	13.5	2.438	0.262	281	0.545	0.053	0.892
2522.4	131	15.7	2.486	0.223	281	0.513	0.052	0.874
2522.6	122	18.3	2.531	0.191	263	0.496	0.039	0.875
2522.8	105	13.9	2.521	0.163	248	0.392	0.060	0.894
2523.0	99	9.2	2.495	0.152	250	0.307	0.078	0.926
2523.2	96	8.3	2.488	0.149	254	0.285	0.082	0.960
2523.4	104	9.1	2.514	0.155	253	0.353	0.066	0.987
2523.6	117	11.4	2.541	0.174	249	0.464	0.043	1.000
2523.8	121	13.6	2.547	0.189	248	0.521	0.026	1.000
2524.0	120	15.1	2.544	0.196	249	0.538	0.023	1.000
2524.2	117	15.7	2.533	0.202	252	0.535	0.027	1.000
2524.4	122	15.5	2.525	0.218	254	0.571	0.020	0.997
2524.6	128	15.8	2.511	0.233	256	0.594	0.016	0.996
2524.8	121	13.6	2.511	0.231	254	0.586	0.019	0.995
2525.0	95	8.6	2.511	0.213	257	0.529	0.037	0.996
2525.2	69	7.5	2.395	0.224	268	Coal		
2525.4	62	7.6	2.089	0.325	316	Coal		
2525.6	78	10.9	1.938	0.387	332	Coal		
2525.8	86	12.1	2.109	0.266	333	Coal		
2526.0	77	7.4	2.362	0.178	320	Coal		
2526.2	70	5.4	2.476	0.141	274	0.238	0.091	1.000
2526.4	72	5.1	2.476	0.147	260	0.256	0.090	1.000
2526.6	80	6.4	2.476	0.156	247	0.286	0.089	1.000
2526.8	90	9.2	2.512	0.155	246	0.348	0.067	1.000
2527.0	106	12.5	2.529	0.166	247	0.418	0.054	1.000
2527.2	118	16.6	2.542	0.198	249	0.540	0.024	0.996
2527.4	116	18.4	2.559	0.218	255	0.636	0.002	0.972
2527.6	106	19.1	2.568	0.212	248	0.634	0.002	0.948
2527.8	100	17.5	2.561	0.187	243	0.545	0.017	0.924
2528.0	98	16.4	2.539	0.168	238	0.442	0.048	0.902
2528.2	95	16.2	2.525	0.163	237	0.397	0.058	0.888
2528.4	97	15.3	2.542	0.168	241	0.449	0.046	0.885
2528.6	93	15.0	2.547	0.181	245	0.496	0.032	0.894
2528.8	78	13.1	2.539	0.178	247	0.472	0.042	0.911
2529.0	68	10.0	2.495	0.154	247	0.313	0.078	0.928
2529.2	67	8.1	2.467	0.131	250	0.189	0.099	0.942
2529.4	69	7.8	2.477	0.140	251	0.237	0.090	0.948
2529.6	72	8.1	2.477	0.141	251	0.241	0.090	0.948
2529.8	71	8.8	2.470	0.142	248	0.230	0.095	0.941
2530.0	74	8.8	2.476	0.145	250	0.249	0.091	0.931
2530.2	83	9.5	2.498	0.153	250	0.317	0.076	0.924
2530.4	94	9.6	2.498	0.158	248	0.332	0.075	0.925
2530.6	94	9.5	2.474	0.165	248	0.310	0.090	0.938
2530.8	84	8.2	2.469	0.173	253	0.324	0.092	0.960
2531.0	79	7.7	2.497	0.170	257	0.367	0.075	0.986
2531.2	82	8.2	2.520	0.168	258	0.406	0.060	1.000
2531.4	84	9.3	2.538	0.186	259	0.498	0.035	1.000

2531.6	89	11.3	2.551	0.193	256	0.543	0.020	1.000
2531.8	99	13.3	2.551	0.189	248	0.531	0.023	1.000
2532.0	104	15.1	2.548	0.192	247	0.533	0.023	1.000
2532.2	98	15.6	2.553	0.177	245	0.496	0.030	0.998
2532.4	87	13.9	2.553	0.171	244	0.477	0.034	0.995
2532.6	78	12.5	2.254	0.237	244	Coal		
2532.8	76	16.0	2.008	0.375	304	Coal		
2533.0	86	19.9	2.059	0.388	329	Coal		
2533.2	92	16.1	2.346	0.254	320	Coal		
2533.4	81	8.8	2.508	0.170	279	0.388	0.068	0.997
2533.6	76	7.6	2.475	0.151	260	0.267	0.091	0.996
2533.8	86	8.9	2.508	0.180	259	0.420	0.067	0.995
2534.0	90	14.7	2.290	0.260	252	Coal		
2534.2	75	23.5	1.857	0.391	285	Coal		
2534.4	49	25.6	1.564	0.479	355	Coal		
2534.6	32	32.3	1.445	0.499	427	Coal		
2534.8	50	34.3	1.518	0.444	434	Coal		
2535.0	82	29.6	1.870	0.316	398	Coal		
2535.2	107	18.9	2.349	0.207	348	Coal		
2535.4	115	15.0	2.491	0.186	298	0.409	0.077	0.965
2535.6	115	14.7	2.458	0.209	262	Coal		
2535.8	114	20.2	2.183	0.317	268	Coal		
2536.0	106	30.8	1.852	0.423	317	Coal		
2536.2	98	41.2	1.699	0.465	353	Coal		
2536.4	92	56.0	1.702	0.477	401	Coal		
2536.6	99	49.1	1.869	0.431	412	Coal		
2536.8	120	33.6	2.205	0.336	368	Coal		
2537.0	132	25.0	2.490	0.230	313	Coal		
2537.2	124	16.3	2.502	0.167	266	0.367	0.072	0.923
2537.4	110	11.0	2.477	0.145	252	0.253	0.090	0.919
2537.6	93	8.3	2.471	0.152	246	0.262	0.094	0.926
2537.8	79	7.0	2.472	0.156	249	0.276	0.092	0.941
2538.0	70	6.4	2.456	0.153	247	0.238	0.103	0.954
2538.2	67	5.8	2.428	0.142	253	0.147	0.125	0.961
2538.4	69	5.9	2.427	0.134	253	0.122	0.127	0.958
2538.6	71	5.9	2.440	0.136	251	0.153	0.118	0.945
2538.8	76	6.1	2.453	0.156	248	0.330	0.108	0.926
2539.0	81	5.1	2.432	0.165	254	0.387	0.110	0.906
2539.2	80	4.9	2.301	0.156	259	0.377	0.122	0.888
2539.4	80	5.5	2.315	0.161	261	0.374	0.126	0.873
2539.6	93	7.6	2.561	0.190	260	0.527	0.057	0.861
2539.8	107	10.7	2.561	0.208	257	0.717	0.000	0.853
2540.0	106	12.6	2.517	0.198	254	0.496	0.045	0.849
2540.2	99	13.3	2.515	0.183	250	0.444	0.062	0.853
2540.4	100	13.2	2.522	0.181	249	0.450	0.058	0.866
2540.6	109	14.4	2.526	0.191	251	0.491	0.042	0.890
2540.8	120	16.5	2.546	0.205	252	0.570	0.016	0.920
2541.0	129	18.4	2.555	0.219	251	0.633	0.003	0.950
2541.2	131	20.1	2.553	0.229	250	0.662	0.000	0.974
2541.4	130	20.7	2.557	0.226	250	0.661	0.000	0.990
2541.6	130	20.4	2.557	0.230	252	0.672	0.000	0.997
2541.8	131	21.0	2.562	0.228	251	0.675	0.000	1.000
2542.0	128	21.1	2.569	0.225	252	0.679	0.000	1.000
2542.2	130	20.9	2.570	0.233	252	0.707	0.000	1.000
2542.4	131	21.2	2.570	0.247	257	0.750	0.000	1.000
2542.6	130	21.4	2.564	0.260	263	0.779	0.000	1.000
2542.8	126	21.8	2.560	0.274	269	0.815	0.000	1.000
2543.0	121	20.6	2.568	0.263	272	0.795	0.000	1.000
2543.2	112	17.2	2.571	0.207	265	0.627	0.003	1.000

2543.4	100	14.2	2.571	0.163	252	0.487	0.023	1.000
2543.6	100	13.0	2.571	0.163	240	0.490	0.023	1.000
2543.8	107	13.5	2.460	0.208	246	Coal		
2544.0	114	13.5	2.342	0.274	252	Coal		
2544.2	117	12.5	2.305	0.326	284	Coal		
2544.4	100	12.5	2.390	0.302	292	Coal		
2544.6	87	13.3	2.519	0.227	289	0.589	0.017	0.922
2544.8	76	11.8	2.519	0.186	264	0.460	0.056	0.888
2545.0	67	9.9	2.465	0.167	259	0.298	0.096	0.857
2545.2	74	8.0	2.441	0.172	258	0.268	0.111	0.836
2545.4	91	8.3	2.470	0.193	262	0.389	0.090	0.829
2545.6	110	9.6	2.487	0.215	261	0.491	0.061	0.837
2545.8	103	8.5	2.471	0.197	255	0.403	0.089	0.860
2546.0	88	7.1	2.445	0.165	255	0.255	0.109	0.892
2546.2	81	6.0	2.439	0.162	254	0.233	0.113	0.927
2546.4	76	5.9	2.444	0.157	258	0.225	0.111	0.958
2546.6	75	6.7	2.463	0.150	253	0.241	0.099	0.980
2546.8	83	7.3	2.485	0.144	249	0.264	0.085	0.988
2547.0	87	7.3	2.472	0.149	249	0.256	0.093	0.982
2547.2	88	7.2	2.465	0.162	249	0.283	0.097	0.967
2547.4	92	7.8	2.479	0.162	252	0.310	0.087	0.946
2547.6	103	9.2	2.498	0.156	251	0.327	0.076	0.926
2547.8	111	9.8	2.487	0.169	244	0.346	0.081	0.911
2548.0	101	7.7	2.460	0.179	243	0.327	0.098	0.902
2548.2	86	6.2	2.443	0.171	248	0.269	0.110	0.897
2548.4	78	6.0	2.426	0.158	253	0.195	0.123	0.892
2548.6	83	6.2	2.437	0.161	255	0.225	0.115	0.885
2548.8	88	6.6	2.426	0.159	251	0.200	0.123	0.874
2549.0	84	6.0	2.403	0.156	253	0.144	0.141	0.860
2549.2	74	5.3	2.386	0.147	257	0.086	0.155	0.845
2549.4	74	6.9	2.405	0.144	263	0.110	0.142	0.834
2549.6	82	8.7	2.445	0.158	259	0.230	0.110	0.827
2549.8	93	10.4	2.481	0.167	253	0.329	0.086	0.826
2550.0	92	11.7	2.507	0.160	247	0.358	0.069	0.826
2550.2	88	12.6	2.525	0.157	245	0.383	0.058	0.827
2550.4	88	12.3	2.514	0.171	243	0.405	0.064	0.827
2550.6	89	12.0	2.511	0.197	245	0.479	0.054	0.825
2550.8	87	10.7	2.513	0.191	246	0.464	0.058	0.821
2551.0	87	9.7	2.497	0.188	248	0.424	0.073	0.819
2551.2	91	9.1	2.485	0.201	252	0.443	0.079	0.822
2551.4	100	9.5	2.486	0.206	255	0.461	0.074	0.833
2551.6	105	10.2	2.486	0.202	255	0.448	0.078	0.854
2551.8	110	11.0	2.486	0.201	259	0.445	0.078	0.884
2552.0	114	11.7	2.456	0.242	253	Coal		
2552.2	106	12.9	2.182	0.344	267	Coal		
2552.4	92	18.0	1.693	0.415	309	Coal		
2552.6	86	28.3	1.446	0.412	366	Coal		
2552.8	85	44.5	1.372	0.412	433	Coal		
2553.0	75	24.3	1.388	0.483	481	Coal		
2553.2	68	11.3	1.514	0.526	478	Coal		
2553.4	83	10.3	1.851	0.462	431	Coal		
2553.6	101	8.7	2.265	0.334	335	Coal		
2553.8	104	11.5	2.477	0.228	276	0.512	0.056	0.896
2554.0	96	10.4	2.477	0.178	261	0.353	0.087	0.875
2554.2	100	9.6	2.476	0.157	256	0.290	0.090	0.867
2554.4	101	9.0	2.464	0.148	250	0.235	0.098	0.870
2554.6	98	8.7	2.471	0.148	251	0.248	0.094	0.881
2554.8	95	8.9	2.487	0.149	254	0.283	0.084	0.895
2555.0	96	9.2	2.483	0.146	255	0.265	0.087	0.910

2555.2	106	10.0	2.494	0.160	255	0.332	0.078	0.924
2555.4	115	11.6	2.532	0.183	254	0.477	0.044	0.937
2555.6	117	13.8	2.564	0.195	248	0.574	0.011	0.950
2555.8	116	15.1	2.565	0.177	245	0.520	0.020	0.963
2556.0	112	17.1	2.555	0.168	244	0.472	0.034	0.973
2556.2	106	21.7	2.576	0.162	238	0.496	0.020	0.982
2556.4	101	30.7	2.635	0.146	218	0.556	0.000	0.989
2556.6	99	47.5	2.652	0.145	208	0.586	0.000	0.994
2556.8	108	42.0	2.619	0.176	215	0.619	0.000	0.997
2557.0	116	26.0	2.586	0.210	234	0.664	0.000	0.999
2557.2	117	22.5	2.616	0.238	244	0.810	0.000	1.000
2557.4	111	23.7	2.675	0.238	241	0.920	0.000	1.000
2557.6	109	25.1	2.643	0.224	240	0.818	0.000	1.000
2557.8	118	27.6	2.597	0.219	242	0.712	0.000	1.000
2558.0	122	26.4	2.570	0.232	250	0.703	0.000	1.000
2558.2	123	25.6	2.556	0.250	253	0.733	0.000	1.000
2558.4	128	25.0	2.551	0.251	255	0.726	0.000	1.000
2558.6	128	24.3	2.548	0.257	258	0.741	0.000	1.000
2558.8	127	23.5	2.558	0.272	262	0.808	0.000	1.000
2559.0	134	22.2	2.575	0.279	266	0.860	0.000	1.000
2559.2	137	21.1	2.583	0.278	270	0.872	0.000	1.000
2559.4	139	20.0	2.587	0.282	273	0.893	0.000	1.000
2559.6	135	16.9	2.587	0.285	274	0.903	0.000	1.000
2559.8	130	15.0	2.587	0.268	268	0.849	0.000	1.000
2560.0	119	15.3	2.551	0.286	262	Coal		
2560.2	100	17.1	2.311	0.372	292	Coal		
2560.4	97	25.5	2.121	0.427	326	Coal		
2560.6	100	25.1	2.210	0.347	334	Coal		
2560.8	101	14.2	2.490	0.229	302	Coal		
2561.0	93	8.3	2.462	0.179	268	0.331	0.097	0.920
2561.2	80	5.8	2.415	0.172	261	0.219	0.128	0.904
2561.4	65	4.8	2.390	0.166	270	0.154	0.148	0.894
2561.6	59	4.4	2.373	0.165	275	0.115	0.161	0.891
2561.8	59	4.3	2.364	0.167	276	0.108	0.166	0.891
2562.0	67	4.9	2.389	0.178	270	0.188	0.146	0.892
2562.2	70	4.9	2.406	0.184	270	0.238	0.133	0.892
2562.4	70	4.9	2.396	0.179	267	0.204	0.141	0.889
2562.6	74	5.7	2.416	0.163	255	0.192	0.130	0.881
2562.8	76	9.7	2.485	0.151	234	0.285	0.085	0.869
2563.0	68	12.4	2.517	0.146	228	0.331	0.065	0.853
2563.2	68	12.5	2.493	0.153	228	0.309	0.079	0.837
2563.4	80	13.1	2.480	0.154	237	0.286	0.087	0.822
2563.6	82	16.1	2.512	0.164	239	0.380	0.066	0.811
2563.8	76	16.7	2.521	0.162	236	0.388	0.061	0.805
2564.0	72	13.4	2.490	0.155	239	0.309	0.081	0.802
2564.2	70	10.3	2.460	0.160	245	0.267	0.100	0.801
2564.4	69	8.7	2.451	0.164	252	0.261	0.106	0.803
2564.6	76	8.9	2.453	0.172	253	0.291	0.103	0.807
2564.8	91	9.8	2.488	0.183	249	0.391	0.080	0.814
2565.0	103	13.3	2.532	0.185	238	0.483	0.043	0.829
2565.2	104	15.3	2.522	0.182	241	0.454	0.057	0.851
2565.4	107	15.3	2.509	0.180	243	0.424	0.066	0.880
2565.6	117	14.1	2.544	0.185	246	0.507	0.031	0.913
2565.8	122	16.2	2.611	0.188	235	0.643	0.000	0.944
2566.0	121	22.9	2.653	0.180	228	0.698	0.000	0.968
2566.2	121	25.1	2.614	0.178	228	0.616	0.000	0.981
2566.4	119	22.5	2.569	0.186	235	0.557	0.013	0.984
2566.6	109	18.8	2.558	0.185	242	0.532	0.020	0.981
2566.8	103	16.2	2.547	0.196	243	0.545	0.021	0.980

2567.0	88	10.1	2.505	0.183	247	0.424	0.069	0.983
2567.2	82	8.0	2.469	0.144	252	0.235	0.096	0.990
2567.4	95	8.2	2.515	0.153	250	0.350	0.065	0.999
2567.6	110	11.0	2.582	0.197	241	0.617	0.003	1.000
2567.8	123	17.9	2.587	0.234	241	0.744	0.000	1.000
2568.0	122	20.8	2.587	0.240	249	0.761	0.000	1.000
2568.2	114	20.1	2.587	0.247	251	0.782	0.000	1.000
2568.4	109	19.0	2.442	0.288	254	Coal		
2568.6	95	21.7	1.958	0.415	325	Coal		
2568.8	78	31.3	1.503	0.534	389	Coal		
2569.0	73	60.2	1.367	0.516	444	Coal		
2569.2	81	29.3	1.583	0.381	409	Coal		
2569.4	78	9.0	2.032	0.215	331	Coal		
2569.6	61	5.1	2.376	0.149	288	Coal		
2569.8	51	4.0	2.457	0.133	261	0.176	0.106	1.000
2570.0	63	3.9	2.446	0.148	267	0.203	0.111	1.000
2570.2	80	4.6	2.408	0.160	268	0.167	0.136	0.980
2570.4	104	7.1	2.438	0.169	258	0.253	0.113	0.930
2570.6	119	10.7	2.478	0.183	252	0.376	0.086	0.882
2570.8	120	11.7	2.505	0.182	248	0.423	0.069	0.847
2571.0	111	11.3	2.514	0.179	249	0.431	0.063	0.831
2571.2	101	12.3	2.514	0.202	252	0.501	0.045	0.835
2571.4	108	14.4	2.510	0.208	255	0.513	0.043	0.854
2571.6	118	17.1	2.508	0.204	256	0.495	0.050	0.882
2571.8	120	18.7	2.528	0.215	254	0.570	0.020	0.908
2572.0	108	24.4	2.593	0.206	242	0.665	0.000	0.924
2572.2	95	35.2	2.679	0.184	224	0.762	0.000	0.924
2572.4	87	30.2	2.634	0.151	218	0.570	0.000	0.908
2572.6	77	18.1	2.499	0.123	227	0.225	0.078	0.884
2572.8	70	12.3	2.436	0.132	245	0.131	0.122	0.864
2573.0	75	9.2	2.431	0.153	256	0.191	0.121	0.858
2573.2	86	9.2	2.456	0.162	257	0.265	0.102	0.869
2573.4	99	11.0	2.508	0.166	252	0.377	0.069	0.893
2573.6	107	14.4	2.564	0.175	240	0.511	0.022	0.921
2573.8	112	20.9	2.568	0.182	236	0.542	0.015	0.944
2574.0	113	21.6	2.563	0.181	238	0.531	0.019	0.958
2574.2	109	20.5	2.555	0.182	239	0.517	0.025	0.965
2574.4	112	19.6	2.546	0.180	238	0.494	0.033	0.967
2574.6	113	18.9	2.550	0.184	238	0.514	0.027	0.971
2574.8	111	17.3	2.559	0.182	236	0.527	0.021	0.977
2575.0	103	17.3	2.617	0.201	235	0.695	0.000	0.985
2575.2	87	20.9	2.792	0.218	224	1.000	0.000	0.992
2575.4	85	27.9	2.913	0.221	218	1.000	0.000	0.997
2575.6	105	31.5	2.727	0.221	223	0.970	0.000	0.999
2575.8	120	28.0	2.598	0.216	238	0.708	0.000	1.000
2576.0	127	21.8	2.561	0.209	246	0.615	0.005	1.000
2576.2	128	20.7	2.569	0.207	244	0.624	0.003	1.000
2576.4	123	20.5	2.583	0.205	242	0.644	0.000	1.000
2576.6	120	20.2	2.602	0.212	239	0.703	0.000	1.000
2576.8	112	19.9	2.634	0.218	232	0.783	0.000	1.000
2577.0	107	19.8	2.626	0.224	233	0.788	0.000	1.000
2577.2	107	20.4	2.617	0.219	234	0.753	0.000	1.000
2577.4	109	21.0	2.674	0.202	235	0.808	0.000	1.000
2577.6	109	21.0	2.663	0.183	231	0.727	0.000	1.000
2577.8	111	20.1	2.584	0.177	226	0.555	0.009	1.000
2578.0	112	18.4	2.558	0.179	230	0.513	0.024	1.000
2578.2	118	18.1	2.566	0.205	236	0.611	0.005	1.000
2578.4	124	18.8	2.570	0.220	242	0.664	0.000	1.000
2578.6	122	19.2	2.571	0.214	243	0.650	0.000	1.000

2578.8	119	19.8	2.620	0.211	243	0.734	0.000	1.000
2579.0	117	20.1	2.697	0.219	237	0.904	0.000	1.000
2579.2	113	20.4	2.677	0.222	233	0.875	0.000	1.000
2579.4	109	19.8	2.615	0.215	235	0.737	0.000	1.000
2579.6	106	18.1	2.625	0.209	239	0.737	0.000	1.000
2579.8	100	16.4	2.680	0.199	236	0.810	0.000	1.000
2580.0	100	16.0	2.656	0.201	235	0.773	0.000	1.000
2580.2	115	17.0	2.612	0.228	244	0.771	0.000	1.000
2580.4	127	18.0	2.608	0.259	259	0.863	0.000	0.997
2580.6	129	18.5	2.609	0.271	261	0.902	0.000	0.990
2580.8	129	18.8	2.599	0.280	261	0.911	0.000	0.974
2581.0	126	17.8	2.543	0.296	269	0.855	0.000	0.950
2581.2	119	14.4	2.485	0.276	280	0.681	0.000	0.918
2581.4	112	10.9	2.472	0.216	284	0.465	0.080	0.882
2581.6	103	8.6	2.459	0.178	278	0.322	0.099	0.850
2581.8	96	8.8	2.447	0.164	272	0.257	0.108	0.826
2582.0	97	9.8	2.467	0.160	269	0.280	0.096	0.814
2582.2	108	13.0	2.497	0.164	266	0.351	0.076	0.815
2582.4	122	17.6	2.527	0.180	257	0.458	0.053	0.829
2582.6	127	20.8	2.531	0.188	255	0.492	0.041	0.853
2582.8	126	22.9	2.531	0.197	245	0.517	0.034	0.886
2583.0	123	19.6	2.489	0.227	245	Coal		
2583.2	101	13.9	2.246	0.280	250	Coal		
2583.4	63	15.7	1.758	0.366	365	Coal		
2583.6	36	20.3	1.444	0.454	405	Coal		
2583.8	36	55.3	1.420	0.478	394	Coal		
2584.0	64	87.5	1.701	0.471	388	Coal		
2584.2	106	42.2	2.214	0.364	346	Coal		
2584.4	119	20.3	2.433	0.257	289	Coal		
2584.6	98	13.3	2.482	0.181	262	0.374	0.084	0.883
2584.8	78	12.0	2.474	0.132	247	0.206	0.094	0.853
2585.0	78	11.8	2.474	0.128	254	0.193	0.095	0.834
2585.2	84	11.3	2.477	0.136	247	0.222	0.092	0.828
2585.4	98	12.7	2.493	0.146	246	0.286	0.080	0.834
2585.6	106	13.8	2.527	0.165	251	0.410	0.056	0.847
2585.8	101	16.2	2.546	0.192	250	0.532	0.025	0.865
2586.0	84	10.5	2.489	0.191	256	0.420	0.078	0.884
2586.2	59	5.5	2.404	0.164	261	0.175	0.138	0.902
2586.4	44	3.7	2.357	0.147	266	0.029	0.176	0.918
2586.6	43	3.2	2.343	0.158	274	0.039	0.184	0.929
2586.8	46	3.2	2.336	0.176	276	0.081	0.185	0.934
2587.0	48	3.3	2.338	0.173	273	0.076	0.185	0.933
2587.2	52	3.5	2.354	0.159	272	0.062	0.176	0.927
2587.4	59	4.5	2.380	0.157	266	0.104	0.157	0.922
2587.6	69	6.0	2.415	0.162	261	0.187	0.131	0.922
2587.8	73	7.5	2.458	0.162	255	0.268	0.101	0.929
2588.0	82	9.3	2.504	0.171	256	0.386	0.071	0.942
2588.2	95	11.4	2.546	0.195	255	0.540	0.023	0.959
2588.4	106	14.5	2.554	0.204	253	0.587	0.011	0.975
2588.6	113	18.2	2.563	0.213	250	0.632	0.003	0.986
2588.8	114	21.3	2.565	0.227	249	0.679	0.000	0.989
2589.0	115	25.2	2.570	0.228	250	0.691	0.000	0.982
2589.2	108	25.1	2.593	0.212	248	0.685	0.000	0.964
2589.4	98	18.4	2.602	0.175	245	0.584	0.003	0.937
2589.6	105	15.5	2.550	0.151	246	0.412	0.043	0.904
2589.8	121	14.4	2.507	0.191	254	0.455	0.064	0.870
2590.0	131	14.1	2.461	0.236	271	0.508	0.064	0.840
2590.2	126	16.0	2.392	0.223	275	0.337	0.137	0.820
2590.4	106	10.9	2.374	0.172	281	0.141	0.159	0.807

2590.6	82	9.2	2.402	0.156	272	0.143	0.142	0.802
2590.8	75	7.9	2.431	0.159	266	0.210	0.119	0.800
2591.0	80	8.8	2.443	0.174	259	0.279	0.110	0.800
2591.2	96	10.6	2.465	0.174	257	0.320	0.095	0.800
2591.4	114	11.8	2.487	0.164	255	0.332	0.082	0.801
2591.6	121	12.3	2.473	0.147	255	0.252	0.093	0.801
2591.8	114	11.9	2.465	0.145	255	0.229	0.099	0.803
2592.0	105	10.1	2.476	0.158	256	0.293	0.090	0.805
2592.2	100	9.5	2.472	0.160	255	0.292	0.092	0.807
2592.4	106	9.6	2.478	0.165	254	0.316	0.088	0.808
2592.6	118	11.3	2.509	0.170	251	0.392	0.068	0.808
2592.8	131	15.6	2.528	0.174	245	0.443	0.055	0.808
2593.0	142	16.7	2.530	0.192	245	0.503	0.038	0.808
2593.2	142	16.4	2.533	0.189	244	0.497	0.038	0.810
2593.4	138	15.8	2.541	0.172	245	0.461	0.044	0.816
2593.6	120	15.2	2.532	0.152	238	0.382	0.054	0.825
2593.8	97	13.8	2.520	0.142	239	0.325	0.063	0.837
2594.0	89	13.9	2.523	0.139	241	0.321	0.062	0.849
2594.2	97	15.1	2.542	0.152	243	0.398	0.049	0.861
2594.4	93	14.5	2.539	0.160	238	0.418	0.050	0.873
2594.6	77	9.4	2.497	0.167	243	0.362	0.075	0.882
2594.8	64	6.5	2.442	0.167	251	0.256	0.111	0.888
2595.0	67	5.6	2.414	0.164	263	0.191	0.131	0.891
2595.2	83	6.1	2.444	0.167	265	0.260	0.110	0.891
2595.4	101	8.8	2.490	0.181	257	0.390	0.079	0.889
2595.6	111	13.2	2.527	0.193	253	0.499	0.041	0.887
2595.8	116	17.3	2.551	0.185	250	0.521	0.025	0.889
2596.0	114	16.6	2.545	0.174	248	0.474	0.039	0.898
2596.2	104	14.8	2.538	0.173	249	0.457	0.047	0.914
2596.4	95	15.4	2.563	0.163	246	0.562	0.026	0.935
2596.6	94	16.3	2.564	0.167	238	0.546	0.023	0.958
2596.8	101	19.4	2.325	0.169	234	0.631	0.002	0.977
2597.0	113	20.3	1.964	0.171	232	0.797	0.000	0.990
2597.2	115	18.6	1.959	0.179	239	0.819	0.000	0.997
2597.4	105	17.7	2.545	0.182	243	0.684	0.000	0.999
2597.6	102	17.0	2.553	0.204	246	0.653	0.000	1.000
2597.8	109	17.0	2.560	0.225	245	0.747	0.000	1.000
2598.0	116	17.0	2.583	0.225	245	0.706	0.000	1.000
2598.2	115	17.4	2.587	0.217	245	0.692	0.000	1.000
2598.4	118	17.5	2.587	0.234	244	0.742	0.000	1.000
2598.6	122	18.0	2.591	0.236	244	0.757	0.000	1.000
2598.8	121	18.4	2.585	0.220	245	0.697	0.000	1.000
2599.0	116	18.7	2.575	0.220	245	0.676	0.000	1.000
2599.2	112	18.8	2.566	0.238	248	0.716	0.000	1.000
2599.4	111	18.6	2.573	0.249	249	0.763	0.000	1.000
2599.6	109	18.3	2.587	0.256	250	0.813	0.000	1.000
2599.8	111	17.9	2.605	0.233	250	0.775	0.000	1.000
2600.0	112	16.0	2.591	0.218	245	0.702	0.000	1.000
2600.2	116	14.8	2.572	0.230	242	0.702	0.000	1.000
2600.4	115	14.7	2.593	0.239	244	0.771	0.000	1.000
2600.6	112	16.7	2.580	0.227	242	0.708	0.000	1.000
2600.8	109	20.9	2.553	0.236	240	0.686	0.000	1.000
2601.0	114	21.6	2.558	0.258	241	0.763	0.000	1.000
2601.2	123	18.9	2.572	0.265	250	0.813	0.000	1.000
2601.4	126	18.5	2.577	0.261	259	0.811	0.000	1.000
2601.6	122	19.4	2.565	0.250	260	0.752	0.000	1.000
2601.8	114	20.8	2.558	0.222	249	0.807	0.000	1.000
2602.0	113	16.5	2.486	0.205	237	0.800	0.000	1.000
2602.2	114	7.2	2.399	0.241	243	0.804	0.000	1.000

2602.4	115	5.2	2.388	0.287	257	0.817	0.000	1.000
2602.6	113	5.1	2.476	0.297	264	0.788	0.000	1.000
2602.8	113	6.3	2.557	0.294	260	0.796	0.000	1.000
2603.0	118	12.2	2.557	0.291	258	0.852	0.000	1.000
2603.2	117	16.1	2.557	0.287	265	0.855	0.000	1.000
2603.4	118	17.9	2.376	0.353	291	Coal		
2603.6	112	22.9	2.036	0.424	341	Coal		
2603.8	98	44.6	1.742	0.445	384	Coal		
2604.0	83	65.6	1.688	0.473	412	Coal		
2604.2	83	46.0	1.906	0.434	412	Coal		
2604.4	94	29.0	2.321	0.323	347	Coal		
2604.6	106	20.4	2.536	0.272	288	Coal		
2604.8	114	16.5	2.561	0.260	248	0.777	0.000	1.000
2605.0	117	16.8	2.541	0.237	253	0.664	0.000	1.000
2605.2	122	18.7	2.519	0.223	252	0.578	0.020	1.000
2605.4	125	20.4	2.535	0.225	256	0.615	0.008	0.998
2605.6	124	21.1	2.552	0.236	246	0.684	0.000	0.992
2605.8	116	21.4	2.527	0.242	247	0.655	0.000	0.981
2606.0	120	23.4	2.480	0.259	253	0.617	0.012	0.965
2606.2	125	26.2	2.422	0.291	269	0.610	0.022	0.950
2606.4	123	24.6	2.401	0.297	281	0.587	0.038	0.941
2606.6	115	24.4	2.434	0.265	283	0.550	0.052	0.940
2606.8	118	23.2	2.498	0.242	273	0.597	0.017	0.949
2607.0	131	21.8	2.523	0.238	262	0.633	0.004	0.963
2607.2	131	21.4	2.523	0.237	263	0.631	0.005	0.979
2607.4	132	21.5	2.522	0.242	263	0.646	0.000	0.991
2607.6	131	22.3	2.527	0.250	261	0.679	0.000	0.997
2607.8	132	22.6	2.526	0.239	262	0.643	0.002	1.000
2608.0	132	22.3	2.530	0.239	261	0.650	0.000	1.000
2608.2	134	21.8	2.526	0.246	262	0.667	0.000	1.000
2608.4	133	21.4	2.522	0.234	261	0.620	0.008	1.000
2608.6	133	21.4	2.537	0.232	261	0.642	0.002	1.000
2608.8	132	21.8	2.537	0.232	257	0.642	0.002	0.997
2609.0	127	22.2	2.534	0.221	254	0.601	0.011	0.990
2609.2	127	22.0	2.541	0.221	252	0.614	0.007	0.976
2609.4	128	21.1	2.541	0.233	251	0.654	0.000	0.957
2609.6	123	18.5	2.521	0.235	251	0.621	0.008	0.939
2609.8	110	13.5	2.484	0.217	251	0.494	0.061	0.930
2610.0	92	8.5	2.432	0.177	249	0.269	0.116	0.937
2610.2	67	5.3	2.395	0.135	251	0.063	0.151	0.962
2610.4	46	3.5	2.376	0.128	252	0.005	0.166	1.000
2610.6	42	3.1	2.372	0.138	257	0.030	0.167	1.000
2610.8	45	3.0	2.374	0.142	260	0.046	0.165	1.000
2611.0	48	2.8	2.368	0.136	263	0.015	0.170	1.000
2611.2	53	3.0	2.372	0.139	264	0.033	0.167	1.000
2611.4	62	3.6	2.402	0.160	261	0.156	0.141	1.000
2611.6	64	4.1	2.408	0.167	259	0.191	0.134	1.000
2611.8	59	4.1	2.403	0.169	258	0.188	0.138	1.000
2612.0	53	3.5	2.390	0.173	259	0.176	0.146	1.000
2612.2	52	3.7	2.378	0.168	263	0.137	0.156	0.971
2612.4	62	4.7	2.396	0.169	257	0.175	0.143	0.941
2612.6	72	6.1	2.430	0.181	250	0.276	0.118	0.921
2612.8	70	6.2	2.424	0.183	249	0.270	0.122	0.913
2613.0	60	5.5	2.411	0.183	250	0.246	0.130	0.917
2613.2	56	4.8	2.413	0.173	252	0.220	0.129	0.931
2613.4	55	4.9	2.432	0.174	254	0.258	0.117	0.948
2613.6	60	5.2	2.441	0.177	252	0.286	0.111	0.960
2613.8	69	5.5	2.444	0.181	250	0.303	0.109	0.967
2614.0	70	5.3	2.427	0.172	248	0.243	0.120	0.969

2614.2	59	4.0	2.388	0.171	255	0.165	0.148	0.969
2614.4	53	3.4	2.361	0.189	259	0.169	0.164	0.969
2614.6	54	3.4	2.366	0.194	264	0.196	0.159	0.967
2614.8	60	4.1	2.390	0.179	261	0.195	0.145	0.961
2615.0	66	4.6	2.416	0.159	255	0.181	0.131	0.948
2615.2	67	5.4	2.430	0.162	248	0.217	0.120	0.929
2615.4	68	5.5	2.410	0.167	247	0.195	0.133	0.906
2615.6	66	5.2	2.394	0.171	250	0.177	0.144	0.885
2615.8	62	5.0	2.378	0.176	250	0.163	0.154	0.872
2616.0	60	4.5	2.360	0.193	256	0.182	0.164	0.869
2616.2	61	3.9	2.345	0.189	261	0.138	0.176	0.876
2616.4	61	3.7	2.348	0.166	265	0.072	0.179	0.889
2616.6	59	4.0	2.372	0.153	260	0.078	0.164	0.906
2616.8	63	4.0	2.369	0.161	256	0.097	0.164	0.922
2617.0	64	4.0	2.355	0.165	257	0.082	0.174	0.936
2617.2	63	3.7	2.358	0.154	260	0.053	0.174	0.950
2617.4	67	3.6	2.377	0.156	259	0.096	0.160	0.963
2617.6	65	3.8	2.378	0.161	259	0.115	0.158	0.977
2617.8	58	3.8	2.369	0.162	259	0.102	0.164	0.991
2618.0	55	3.4	2.363	0.150	263	0.051	0.171	1.000
2618.2	59	3.4	2.369	0.142	259	0.038	0.168	1.000
2618.4	59	3.4	2.382	0.143	259	0.065	0.158	1.000
2618.6	58	3.5	2.379	0.141	255	0.052	0.161	1.000
2618.8	59	3.4	2.366	0.152	259	0.062	0.169	1.000
2619.0	57	3.3	2.344	0.159	258	0.043	0.183	1.000
2619.2	53	3.1	2.336	0.154	262	0.010	0.191	1.000
2619.4	54	2.9	2.337	0.155	263	0.017	0.189	1.000
2619.6	54	2.9	2.341	0.156	264	0.028	0.186	1.000
2619.8	52	2.8	2.343	0.152	265	0.017	0.186	1.000
2620.0	50	2.8	2.335	0.162	267	0.034	0.190	1.000
2620.2	50	2.6	2.322	0.177	269	0.056	0.196	1.000
2620.4	53	2.7	2.329	0.171	267	0.053	0.192	1.000
2620.6	52	2.7	2.347	0.160	265	0.050	0.181	1.000
2620.8	53	2.9	2.339	0.155	265	0.021	0.188	1.000
2621.0	58	3.0	2.339	0.165	269	0.052	0.186	1.000
2621.2	61	3.3	2.369	0.176	264	0.142	0.161	1.000
2621.4	65	3.5	2.391	0.171	261	0.172	0.146	1.000
2621.6	68	3.4	2.384	0.162	261	0.130	0.153	1.000
2621.8	69	3.4	2.419	0.152	265	0.166	0.130	1.000
2622.0	83	4.2	2.518	0.158	263	0.373	0.063	1.000
2622.2	98	5.6	2.588	0.161	251	0.516	0.013	1.000
2622.4	102	7.0	2.540	0.175	247	0.468	0.044	1.000
2622.6	109	7.3	2.488	0.194	246	0.428	0.079	0.983
2622.8	115	7.2	2.463	0.221	259	0.467	0.084	0.947
2623.0	104	7.4	2.469	0.204	260	0.427	0.089	0.928
2623.2	92	7.4	2.475	0.187	254	0.384	0.088	0.927
2623.4	89	7.0	2.468	0.168	238	0.310	0.094	0.941
2623.6	85	6.4	2.462	0.148	249	0.233	0.100	0.959
2623.8	80	6.5	2.463	0.150	244	0.242	0.099	0.977
2624.0	86	6.8	2.473	0.176	249	0.345	0.090	0.988
2624.2	98	8.3	2.369	0.218	255	Coal		
2624.4	103	12.0	2.000	0.303	296	Coal		
2624.6	106	13.3	1.846	0.381	327	Coal		
2624.8	113	12.9	2.032	0.373	327	Coal		
2625.0	128	12.2	2.382	0.301	280	Coal		
2625.2	135	13.8	2.571	0.236	231	0.721	0.000	0.981
2625.4	136	16.6	2.571	0.206	226	0.625	0.003	0.961
2625.6	132	18.9	2.552	0.202	229	0.577	0.014	0.932
2625.8	133	20.7	2.543	0.187	229	0.513	0.030	0.899

2626.0	129	20.2	2.539	0.169	230	0.448	0.049	0.866
2626.2	125	17.7	2.529	0.149	230	0.365	0.057	0.840
2626.4	124	14.5	2.512	0.149	233	0.333	0.068	0.827
2626.6	124	12.0	2.495	0.164	234	0.349	0.078	0.826
2626.8	129	9.1	2.470	0.167	242	0.310	0.093	0.838
2627.0	135	7.9	2.460	0.167	241	0.290	0.100	0.856
2627.2	124	7.1	2.459	0.164	242	0.280	0.100	0.879
2627.4	101	6.7	2.446	0.159	243	0.238	0.109	0.901
2627.6	95	5.8	2.424	0.160	248	0.199	0.125	0.922
2627.8	90	5.3	2.420	0.157	250	0.184	0.128	0.939
2628.0	84	5.4	2.430	0.151	247	0.181	0.122	0.953
2628.2	75	5.5	2.428	0.138	245	0.138	0.126	0.967
2628.4	68	5.5	2.423	0.144	243	0.147	0.129	0.981
2628.6	61	4.6	2.406	0.152	249	0.140	0.139	0.997
2628.8	52	3.3	2.366	0.160	259	0.087	0.167	1.000
2629.0	47	2.7	2.332	0.157	267	0.012	0.193	1.000
2629.2	48	2.6	2.342	0.145	269	0.000	0.187	1.000
2629.4	51	2.8	2.352	0.143	263	0.008	0.181	1.000
2629.6	49	2.8	2.352	0.158	262	0.057	0.177	1.000
2629.8	51	2.8	2.361	0.159	263	0.075	0.171	1.000
2630.0	52	2.9	2.368	0.153	266	0.069	0.167	1.000
2630.2	48	3.0	2.355	0.152	263	0.041	0.177	1.000
2630.4	46	2.7	2.322	0.160	262	0.005	0.199	1.000
2630.6	43	2.3	2.301	0.171	262	0.000	0.212	1.000
2630.8	41	2.2	2.287	0.167	268	0.000	0.216	1.000
2631.0	44	2.3	2.299	0.170	271	0.000	0.213	1.000
2631.2	49	2.7	2.329	0.164	268	0.029	0.193	1.000
2631.4	47	2.9	2.327	0.155	263	0.000	0.196	1.000
2631.6	48	2.6	2.301	0.167	264	0.000	0.211	1.000
2631.8	46	2.4	2.298	0.190	267	0.053	0.211	1.000
2632.0	43	2.2	2.303	0.190	269	0.061	0.207	1.000
2632.2	42	2.3	2.302	0.173	271	0.008	0.211	1.000
2632.4	43	2.4	2.303	0.167	271	0.000	0.210	1.000
2632.6	46	2.5	2.314	0.156	273	0.000	0.201	1.000
2632.8	48	2.5	2.320	0.155	274	0.000	0.199	1.000
2633.0	49	2.6	2.340	0.162	275	0.044	0.186	1.000
2633.2	46	2.8	2.367	0.147	271	0.049	0.169	1.000
2633.4	48	3.4	2.371	0.138	261	0.027	0.168	1.000
2633.6	49	4.0	2.377	0.140	249	0.047	0.163	1.000
2633.8	45	3.5	2.361	0.156	252	0.067	0.171	1.000
2634.0	42	2.8	2.315	0.168	259	0.015	0.203	1.000
2634.2	42	2.3	2.294	0.173	268	0.000	0.216	1.000
2634.4	41	2.4	2.310	0.163	270	0.000	0.206	1.000
2634.6	40	2.6	2.324	0.147	266	0.000	0.194	1.000
2634.8	43	2.7	2.315	0.146	264	0.000	0.197	1.000
2635.0	47	2.8	2.313	0.153	268	0.000	0.200	1.000
2635.2	51	2.8	2.332	0.148	269	0.000	0.192	1.000
2635.4	54	2.7	2.335	0.154	267	0.009	0.191	1.000
2635.6	54	2.6	2.325	0.155	265	0.000	0.197	1.000
2635.8	52	2.5	2.310	0.150	269	0.000	0.201	1.000
2636.0	53	2.4	2.311	0.148	270	0.000	0.199	1.000
2636.2	51	2.4	2.310	0.157	273	0.000	0.203	1.000
2636.4	49	2.3	2.305	0.162	274	0.000	0.207	1.000
2636.6	51	2.3	2.300	0.166	272	0.000	0.211	1.000
2636.8	49	2.3	2.303	0.167	271	0.000	0.210	1.000
2637.0	45	2.3	2.297	0.166	270	0.000	0.212	1.000
2637.2	46	2.1	2.293	0.170	273	0.000	0.215	1.000
2637.4	46	2.0	2.300	0.175	275	0.011	0.212	1.000
2637.6	45	1.9	2.302	0.174	273	0.009	0.211	1.000

2637.8	47	2.1	2.304	0.164	273	0.000	0.208	1.000
2638.0	45	2.3	2.315	0.148	269	0.000	0.198	1.000
2638.2	45	2.4	2.325	0.137	263	0.000	0.189	1.000
2638.4	46	2.4	2.315	0.139	269	0.000	0.194	1.000
2638.6	49	2.4	2.310	0.149	270	0.000	0.200	1.000
2638.8	51	2.3	2.349	0.155	266	0.042	0.180	1.000
2639.0	54	2.4	2.410	0.170	256	0.205	0.133	1.000
2639.2	72	3.2	2.355	0.239	270	Coal		
2639.4	101	5.2	2.276	0.319	301	Coal		
2639.6	121	15.2	2.298	0.362	320	Coal		
2639.8	113	24.0	2.366	0.320	321	Coal		
2640.0	103	21.3	2.504	0.250	286	0.636	0.004	0.921
2640.2	103	20.4	2.504	0.181	261	0.420	0.070	0.886
2640.4	107	18.8	2.498	0.187	250	0.427	0.074	0.860
2640.6	111	20.7	2.494	0.201	250	0.463	0.070	0.848
2640.8	117	20.8	2.519	0.195	251	0.492	0.047	0.850
2641.0	118	20.9	2.532	0.187	249	0.492	0.041	0.860
2641.2	116	20.5	2.544	0.198	251	0.549	0.022	0.868
2641.4	110	18.5	2.529	0.209	252	0.556	0.024	0.867
2641.6	103	14.0	2.502	0.189	254	0.441	0.070	0.857
2641.8	102	12.6	2.502	0.179	255	0.408	0.071	0.840
2642.0	106	12.7	2.518	0.198	258	0.501	0.044	0.823
2642.2	105	14.3	2.502	0.218	258	0.532	0.039	0.810
2642.4	99	12.5	2.460	0.206	261	0.415	0.095	0.806
2642.6	88	9.4	2.426	0.177	263	0.257	0.121	0.811
2642.8	81	7.6	2.418	0.165	260	0.203	0.128	0.826
2643.0	81	7.9	2.405	0.178	259	0.220	0.135	0.850
2643.2	82	7.9	2.388	0.195	266	0.240	0.144	0.883
2643.4	77	7.4	2.377	0.181	269	Coal		
2643.6	70	7.6	2.310	0.181	277	Coal		
2643.8	69	6.9	2.264	0.211	288	Coal		
2644.0	67	5.6	2.322	0.205	290	Coal		
2644.2	65	4.6	2.389	0.160	284	Coal		
2644.4	66	3.9	2.392	0.142	266	0.081	0.152	1.000
2644.6	63	3.4	2.371	0.147	260	0.057	0.166	1.000
2644.8	57	2.9	2.314	0.151	259	0.000	0.199	1.000
2645.0	49	2.3	2.262	0.152	266	0.000	0.219	1.000
2645.2	44	2.0	2.252	0.161	275	0.000	0.226	1.000
2645.4	43	1.8	2.264	0.171	283	0.000	0.226	1.000
2645.6	45	1.8	2.261	0.168	284	0.000	0.226	1.000
2645.8	45	1.7	2.254	0.178	282	0.000	0.233	1.000
2646.0	43	1.8	2.256	0.177	282	0.000	0.232	1.000
2646.2	47	2.1	2.291	0.159	278	0.000	0.211	1.000
2646.4	50	2.4	2.330	0.142	270	0.000	0.190	1.000
2646.6	48	2.7	2.330	0.136	263	0.000	0.187	1.000
2646.8	49	2.7	2.329	0.147	262	0.000	0.192	1.000
2647.0	50	2.7	2.338	0.141	263	0.000	0.186	1.000
2647.2	50	2.8	2.347	0.133	262	0.000	0.180	1.000
2647.4	48	2.8	2.345	0.144	260	0.000	0.185	1.000
2647.6	49	2.9	2.342	0.150	261	0.009	0.187	1.000
2647.8	47	3.1	2.353	0.149	262	0.028	0.179	1.000
2648.0	47	3.2	2.357	0.146	258	0.028	0.176	1.000
2648.2	46	3.1	2.354	0.152	258	0.040	0.177	1.000
2648.4	45	3.0	2.360	0.162	259	0.081	0.171	1.000
2648.6	45	3.1	2.369	0.160	261	0.093	0.165	1.000
2648.8	49	3.3	2.380	0.149	259	0.081	0.159	1.000
2649.0	51	3.2	2.376	0.156	259	0.094	0.160	1.000
2649.2	49	3.0	2.363	0.164	263	0.095	0.168	1.000
2649.4	46	2.9	2.351	0.152	259	0.035	0.180	1.000

2649.6	50	3.1	2.367	0.145	257	0.043	0.170	1.000
2649.8	52	3.4	2.390	0.140	254	0.070	0.153	1.000
2650.0	53	3.5	2.397	0.128	252	0.048	0.151	1.000
2650.2	49	3.5	2.400	0.126	252	0.047	0.149	1.000
2650.4	49	3.3	2.392	0.143	255	0.085	0.151	1.000
2650.6	50	3.0	2.368	0.148	259	0.054	0.168	1.000
2650.8	52	2.9	2.372	0.141	261	0.040	0.166	1.000
2651.0	51	2.8	2.388	0.143	261	0.077	0.154	1.000
2651.2	52	2.9	2.377	0.143	258	0.053	0.163	1.000
2651.4	52	2.9	2.364	0.133	259	0.000	0.173	1.000
2651.6	51	3.1	2.379	0.131	256	0.022	0.163	1.000
2651.8	49	3.4	2.391	0.135	256	0.058	0.154	1.000
2652.0	51	3.6	2.402	0.143	251	0.104	0.144	1.000
2652.2	53	3.3	2.390	0.152	255	0.107	0.151	1.000
2652.4	50	3.0	2.371	0.151	259	0.070	0.165	1.000
2652.6	51	2.9	2.369	0.144	258	0.042	0.168	1.000
2652.8	51	3.0	2.376	0.135	257	0.029	0.165	1.000
2653.0	51	3.5	2.384	0.131	251	0.033	0.159	1.000
2653.2	55	3.7	2.393	0.129	254	0.042	0.154	1.000
2653.4	54	3.5	2.403	0.137	254	0.087	0.145	1.000
2653.6	52	3.3	2.396	0.149	255	0.110	0.147	1.000
2653.8	50	2.8	2.369	0.162	259	0.101	0.165	1.000
2654.0	46	2.5	2.352	0.168	261	0.085	0.176	1.000
2654.2	43	2.4	2.356	0.159	257	0.067	0.174	1.000
2654.4	47	2.5	2.371	0.150	254	0.069	0.165	1.000
2654.6	50	2.8	2.364	0.146	256	0.039	0.172	1.000
2654.8	46	2.7	2.334	0.153	260	0.006	0.192	1.000
2655.0	45	2.5	2.327	0.156	263	0.001	0.197	1.000
2655.2	48	2.5	2.352	0.149	258	0.025	0.180	1.000
2655.4	49	2.7	2.375	0.142	254	0.048	0.164	1.000
2655.6	50	2.9	2.383	0.138	254	0.050	0.159	1.000
2655.8	52	3.1	2.381	0.129	249	0.019	0.162	1.000
2656.0	50	3.3	2.388	0.128	245	0.030	0.157	1.000
2656.2	49	3.2	2.386	0.126	245	0.019	0.159	1.000
2656.4	48	3.0	2.354	0.132	250	0.000	0.177	1.000
2656.6	47	2.6	2.310	0.140	262	0.000	0.196	1.000
2656.8	46	2.4	2.303	0.157	267	0.000	0.206	1.000
2657.0	52	2.4	2.330	0.162	266	0.028	0.193	1.000
2657.2	67	2.6	2.376	0.154	259	0.090	0.160	1.000
2657.4	82	3.3	2.412	0.155	255	0.162	0.134	1.000
2657.6	86	4.2	2.428	0.167	255	0.229	0.121	1.000
2657.8	76	5.5	2.433	0.167	250	0.237	0.118	1.000
2658.0	67	5.1	2.408	0.163	252	0.178	0.136	1.000
2658.2	55	3.6	2.347	0.161	254	0.056	0.180	1.000
2658.4	46	2.6	2.315	0.160	262	0.000	0.203	1.000
2658.6	41	2.2	2.304	0.161	270	0.000	0.207	1.000
2658.8	40	2.3	2.322	0.165	269	0.018	0.198	1.000
2659.0	45	2.4	2.335	0.160	265	0.028	0.190	1.000
2659.2	46	2.5	2.324	0.166	262	0.026	0.197	1.000
2659.4	42	2.4	2.323	0.164	263	0.017	0.198	1.000
2659.6	43	2.2	2.320	0.160	266	0.002	0.201	1.000
2659.8	46	2.2	2.322	0.164	267	0.017	0.199	1.000
2660.0	50	2.3	2.322	0.174	265	0.049	0.196	1.000
2660.2	48	2.2	2.308	0.173	265	0.016	0.207	1.000
2660.4	45	2.1	2.294	0.171	268	0.000	0.215	1.000
2660.6	44	2.1	2.289	0.168	268	0.000	0.216	1.000
2660.8	44	2.1	2.297	0.168	269	0.000	0.213	1.000
2661.0	46	2.1	2.306	0.171	267	0.006	0.209	1.000
2661.2	46	2.1	2.315	0.166	267	0.011	0.203	1.000

2661.4	44	2.2	2.318	0.164	267	0.009	0.202	1.000
2661.6	44	2.1	2.321	0.161	266	0.005	0.200	1.000
2661.8	43	2.3	2.328	0.162	265	0.022	0.194	1.000
2662.0	43	2.5	2.364	0.157	263	0.073	0.169	1.000
2662.2	42	2.6	2.393	0.145	262	0.093	0.150	1.000
2662.4	43	2.6	2.389	0.151	265	0.103	0.152	1.000
2662.6	44	2.4	2.370	0.156	268	0.083	0.165	1.000
2662.8	42	2.4	2.348	0.162	267	0.059	0.180	1.000
2663.0	41	2.4	2.339	0.167	266	0.059	0.185	1.000
2663.2	42	2.3	2.327	0.172	269	0.053	0.193	1.000
2663.4	43	2.2	2.305	0.177	269	0.025	0.208	1.000
2663.6	43	2.2	2.292	0.170	271	0.000	0.215	1.000
2663.8	42	2.1	2.291	0.172	272	0.000	0.216	1.000
2664.0	42	2.1	2.288	0.173	274	0.000	0.218	1.000
2664.2	46	2.1	2.288	0.178	274	0.000	0.220	1.000
2664.4	42	2.2	2.301	0.183	270	0.036	0.210	1.000
2664.6	41	2.1	2.309	0.174	267	0.021	0.206	1.000
2664.8	45	2.1	2.311	0.158	263	0.000	0.203	1.000
2665.0	47	2.1	2.319	0.159	262	0.000	0.201	1.000
2665.2	45	2.1	2.316	0.183	262	0.063	0.199	1.000
2665.4	44	2.1	2.307	0.195	263	0.084	0.203	1.000
2665.6	43	1.9	2.297	0.191	263	0.055	0.211	1.000
2665.8	39	1.8	2.281	0.191	264	0.023	0.223	1.000
2666.0	38	1.8	2.273	0.180	266	0.000	0.226	1.000
2666.2	37	1.7	2.270	0.172	265	0.000	0.225	1.000
2666.4	37	1.7	2.270	0.173	265	0.000	0.225	1.000
2666.6	36	1.7	2.272	0.173	266	0.000	0.224	1.000
2666.8	36	1.6	2.262	0.186	267	0.000	0.233	1.000
2667.0	35	1.6	2.261	0.199	267	0.008	0.237	1.000
2667.2	36	1.6	2.252	0.179	265	0.000	0.234	1.000
2667.4	37	1.6	2.254	0.172	266	0.000	0.230	1.000
2667.6	38	1.6	2.263	0.181	269	0.000	0.230	1.000
2667.8	38	1.6	2.267	0.174	269	0.000	0.226	1.000
2668.0	40	1.7	2.272	0.177	271	0.000	0.225	1.000
2668.2	42	1.7	2.281	0.174	272	0.000	0.221	1.000
2668.4	41	1.7	2.299	0.164	269	0.000	0.210	1.000
2668.6	44	1.8	2.336	0.146	267	0.000	0.189	1.000
2668.8	53	2.1	2.249	0.162	277	Coal		
2669.0	74	3.4	2.019	0.244	293	Coal		
2669.2	96	6.8	1.960	0.346	316	Coal		
2669.4	102	13.5	2.072	0.384	333	Coal		
2669.6	110	18.2	2.199	0.385	330	Coal		
2669.8	118	20.3	2.237	0.379	322	Coal		
2670.0	118	21.4	2.274	0.379	310	Coal		
2670.2	119	23.2	2.372	0.371	306	0.769	0.000	0.958
2670.4	114	25.1	2.372	0.317	312	0.597	0.036	0.949
2670.6	116	27.1	2.372	0.308	302	0.567	0.057	0.947
2670.8	118	26.5	2.432	0.294	288	0.640	0.005	0.954
2671.0	125	24.7	2.493	0.254	262	0.631	0.007	0.967
2671.2	128	23.7	2.535	0.229	255	0.631	0.004	0.981
2671.4	129	22.7	2.540	0.229	245	0.642	0.002	0.991
2671.6	126	21.7	2.540	0.242	241	0.683	0.000	0.997
2671.8	127	18.9	2.456	0.233	241	Coal		
2672.0	123	18.9	2.373	0.261	252	Coal		
2672.2	122	19.1	2.407	0.278	260	Coal		
2672.4	129	19.7	2.569	0.246	263	0.751	0.000	1.000
2672.6	129	21.0	2.569	0.221	253	0.670	0.000	1.000
2672.8	128	20.6	2.567	0.215	243	0.649	0.000	1.000
2673.0	137	20.1	2.554	0.212	244	0.614	0.006	1.000

2673.2	141	19.8	2.558	0.210	241	0.616	0.006	1.000
2673.4	140	19.7	2.567	0.215	242	0.648	0.000	1.000
2673.6	138	19.6	2.556	0.224	248	0.657	0.000	1.000
2673.8	131	19.7	2.539	0.246	250	0.695	0.000	1.000
2674.0	127	20.4	2.539	0.267	258	0.760	0.000	1.000
2674.2	124	20.2	2.539	0.272	264	0.778	0.000	1.000
2674.4	123	19.8	2.404	0.274	273	Coal		
2674.6	120	20.2	2.252	0.295	282	Coal		
2674.8	114	20.7	2.166	0.332	299	Coal		
2675.0	104	24.2	2.013	0.413	310	Coal		
2675.2	82	32.3	1.700	0.497	347	Coal		
2675.4	52	51.9	1.453	0.519	381	Coal		
2675.6	31	74.1	1.477	0.437	406	Coal		
2675.8	24	88.8	1.628	0.396	394	Coal		
2676.0	29	85.6	1.528	0.415	389	Coal		
2676.2	53	73.4	1.472	0.426	393	Coal		
2676.4	88	30.5	1.618	0.448	404	Coal		
2676.6	108	18.5	1.778	0.498	393	Coal		
2676.8	93	26.6	1.601	0.510	382	Coal		
2677.0	62	64.5	1.403	0.479	394	Coal		
2677.2	57	61.7	1.382	0.439	410	Coal		
2677.4	78	31.5	1.529	0.432	433	Coal		
2677.6	94	22.5	1.591	0.438	430	Coal		
2677.8	89	29.6	1.477	0.480	435	Coal		
2678.0	60	70.4	1.318	0.534	406	Coal		
2678.2	31	266.0	1.242	0.516	427	Coal		
2678.4	19	630.0	1.236	0.455	431	Coal		
2678.6	18	816.8	1.244	0.437	427	Coal		
2678.8	26	492.8	1.262	0.457	429	Coal		
2679.0	35	241.8	1.282	0.477	432	Coal		
2679.2	38	166.1	1.275	0.509	432	Coal		
2679.4	47	86.4	1.257	0.511	441	Coal		
2679.6	64	46.5	1.275	0.475	470	Coal		
2679.8	71	35.1	1.307	0.471	506	Coal		
2680.0	54	44.9	1.300	0.497	530	Coal		
2680.2	41	90.1	1.268	0.489	485	Coal		
2680.4	48	146.6	1.277	0.454	420	Coal		
2680.6	70	72.4	1.417	0.435	402	Coal		
2680.8	95	38.1	1.579	0.456	380	Coal		
2681.0	111	24.0	1.617	0.462	382	Coal		
2681.2	119	19.2	1.569	0.420	354	Coal		
2681.4	119	16.4	1.699	0.389	363	Coal		
2681.6	118	15.5	1.972	0.397	295	Coal		
2681.8	111	12.7	1.854	0.419	303	Coal		
2682.0	107	12.2	1.642	0.402	312	Coal		
2682.2	110	14.5	1.658	0.427	357	Coal		
2682.4	113	17.1	1.806	0.421	351	Coal		
2682.6	109	19.8	1.794	0.424	331	Coal		
2682.8	103	20.2	1.725	0.437	329	Coal		
2683.0	104	25.6	1.743	0.444	353	Coal		
2683.2	115	30.6	1.793	0.438	364	Coal		
2683.4	117	32.7	1.734	0.410	365	Coal		
2683.6	109	28.4	1.518	0.427	384	Coal		
2683.8	91	33.9	1.385	0.484	402	Coal		
2684.0	77	42.4	1.397	0.479	426	Coal		
2684.2	81	40.9	1.592	0.396	418	Coal		
2684.4	98	31.5	1.985	0.340	358	Coal		
2684.6	104	25.6	2.071	0.341	326	Coal		
2684.8	92	33.9	1.743	0.412	329	Coal		

2685.0	84	47.6	1.625	0.474	374	Coal		
2685.2	97	46.9	1.840	0.386	377	Coal		
2685.4	116	38.2	2.140	0.308	342	Coal		
2685.6	127	31.8	2.090	0.347	319	Coal		
2685.8	128	26.9	2.078	0.377	328	Coal		
2686.0	124	22.8	2.279	0.376	319	Coal		
2686.2	123	19.2	2.426	0.349	283	Coal		
2686.4	125	20.6	2.587	0.349	288	1.000	0.000	1.000
2686.6	125	21.3	2.587	0.344	284	1.000	0.000	1.000
2686.8	114	21.5	2.587	0.274	270	0.875	0.000	1.000
2687.0	102	21.1	2.567	0.198	248	0.595	0.008	1.000
2687.2	108	21.5	2.567	0.197	241	0.591	0.009	1.000
2687.4	128	22.9	2.567	0.223	255	0.675	0.000	1.000
2687.6	135	9.8	2.311	0.304	262	Coal		
2687.8	131	6.6	2.181	0.373	313	Coal		
2688.0	127	6.7	2.260	0.374	316	Coal		
2688.2	125	9.4	2.469	0.300	298	Coal		
2688.4	130	15.1	2.606	0.255	267	0.852	0.000	1.000
2688.6	136	15.9	2.606	0.247	245	0.827	0.000	1.000
2688.8	132	17.3	2.606	0.224	240	0.752	0.000	1.000
2689.0	129	19.1	2.609	0.201	237	0.684	0.000	0.997
2689.2	125	21.1	2.600	0.191	232	0.637	0.000	0.990
2689.4	121	22.8	2.605	0.195	230	0.658	0.000	0.975
2689.6	120	24.3	2.588	0.188	229	0.605	0.004	0.951
2689.8	117	25.5	2.578	0.182	231	0.566	0.010	0.919
2690.0	114	25.9	2.553	0.176	233	0.497	0.031	0.884
2690.2	114	25.7	2.539	0.176	235	0.473	0.044	0.852
2690.4	107	24.6	2.531	0.171	234	0.442	0.054	0.827
2690.6	99	22.1	2.505	0.162	235	0.363	0.072	0.811
2690.8	93	18.1	2.467	0.160	240	0.283	0.096	0.803
2691.0	87	13.7	2.451	0.152	244	0.226	0.107	0.801
2691.2	79	10.6	2.440	0.152	248	0.205	0.115	0.803
2691.4	76	9.5	2.442	0.164	248	0.246	0.112	0.809
2691.6	79	9.1	2.461	0.168	246	0.295	0.100	0.820
2691.8	81	8.2	2.459	0.171	245	0.301	0.100	0.837
2692.0	80	7.2	2.451	0.175	246	0.300	0.105	0.858
2692.2	68	6.5	2.444	0.163	253	0.249	0.111	0.881
2692.4	57	6.1	2.447	0.158	253	0.237	0.109	0.902
2692.6	53	6.2	2.449	0.157	255	0.240	0.108	0.922
2692.8	50	6.3	2.437	0.156	254	0.214	0.116	0.945
2693.0	44	5.6	2.422	0.167	259	0.218	0.125	0.972
2693.2	41	4.3	2.386	0.180	267	0.191	0.148	1.000
2693.4	42	2.7	2.386	0.190	274	0.222	0.146	1.000
2693.6	37	2.6	2.386	0.190	285	0.220	0.146	1.000
2693.8	39	2.7	2.372	0.192	284	Coal		
2694.0	56	3.3	2.176	0.234	275	Coal		
2694.2	86	4.8	2.004	0.285	273	Coal		
2694.4	112	10.9	2.059	0.311	287	Coal		
2694.6	121	21.5	2.230	0.325	286	Coal		
2694.8	111	26.0	2.116	0.334	288	Coal		
2695.0	104	27.9	1.879	0.371	311	Coal		
2695.2	104	31.9	1.777	0.417	343	Coal		
2695.4	107	31.2	1.885	0.426	353	Coal		
2695.6	118	31.7	2.035	0.381	331	Coal		
2695.8	119	33.9	1.987	0.357	328	Coal		
2696.0	116	30.7	1.903	0.369	339	Coal		
2696.2	117	23.2	1.902	0.351	343	Coal		
2696.4	116	18.0	2.064	0.323	297	Coal		
2696.6	118	17.2	2.341	0.298	262	Coal		

2696.8	123	19.4	2.486	0.291	259	0.735	0.000	1.000
2697.0	130	23.2	2.506	0.288	262	0.764	0.000	1.000
2697.2	125	25.8	2.268	0.352	277	Coal		
2697.4	113	28.5	2.112	0.406	310	Coal		
2697.6	102	30.6	2.134	0.409	321	Coal		
2697.8	104	42.4	2.187	0.393	339	Coal		
2698.0	101	47.9	2.192	0.338	337	Coal		
2698.2	81	32.2	2.304	0.230	318	Coal		
2698.4	63	22.9	2.442	0.162	299	Coal		
2698.6	62	19.8	2.478	0.159	254	Coal		
2698.8	68	23.0	2.501	0.175	243	Coal		
2699.0	67	25.3	2.495	0.179	243	Coal		
2699.2	60	23.6	2.455	0.167	247	Coal		
2699.4	57	20.1	2.441	0.162	253	Coal		
2699.6	54	16.7	2.444	0.170	257	Coal		
2699.8	50	15.8	2.429	0.177	254	Coal		
2700.0	48	15.8	2.423	0.185	264	Coal		
2700.2	44	19.8	2.407	0.208	267	Coal		
2700.4	42	24.4	2.222	0.268	286	Coal		
2700.6	39	31.8	1.850	0.373	343	Coal		
2700.8	41	28.4	1.581	0.433	386	Coal		
2701.0	60	15.9	1.620	0.426	408	Coal		
2701.2	90	13.9	1.945	0.392	387	Coal		
2701.4	113	14.5	2.307	0.350	352	Coal		
2701.6	124	18.3	2.568	0.298	301	0.916	0.000	1.000
2701.8	126	22.0	2.568	0.261	273	0.799	0.000	1.000
2702.0	125	22.5	2.568	0.237	245	0.723	0.000	1.000
2702.2	121	21.7	2.579	0.212	233	0.663	0.000	1.000
2702.4	116	20.8	2.578	0.206	231	0.644	0.000	1.000
2702.6	113	18.6	2.583	0.203	232	0.642	0.000	1.000
2702.8	107	16.4	2.603	0.204	228	0.684	0.000	1.000
2703.0	113	15.9	2.601	0.209	230	0.696	0.000	1.000
2703.2	116	17.8	2.589	0.218	229	0.702	0.000	1.000
2703.4	114	19.9	2.586	0.220	232	0.702	0.000	1.000
2703.6	119	21.8	2.585	0.225	234	0.716	0.000	1.000
2703.8	120	22.7	2.578	0.217	234	0.678	0.000	1.000
2704.0	120	23.2	2.568	0.218	234	0.662	0.000	1.000
2704.2	124	23.2	2.571	0.227	236	0.697	0.000	1.000
2704.4	125	22.4	2.582	0.237	238	0.748	0.000	1.000
2704.6	116	21.6	2.579	0.233	238	0.730	0.000	1.000
2704.8	108	20.8	2.566	0.217	237	0.656	0.000	1.000
2705.0	106	20.6	2.558	0.206	234	0.604	0.008	1.000
2705.2	100	20.5	2.550	0.199	232	0.567	0.016	1.000
2705.4	97	20.6	2.565	0.195	231	0.581	0.011	1.000
2705.6	100	21.3	2.583	0.207	229	0.656	0.000	1.000
2705.8	110	21.8	2.594	0.224	230	0.731	0.000	1.000
2706.0	117	21.3	2.601	0.245	232	0.811	0.000	0.997
2706.2	115	21.0	2.596	0.252	238	0.824	0.000	0.992
2706.4	120	21.3	2.582	0.254	242	0.804	0.000	0.984
2706.6	125	22.1	2.536	0.262	248	0.741	0.000	0.974
2706.8	124	21.1	2.473	0.267	248	0.635	0.006	0.965
2707.0	114	19.5	2.454	0.231	251	0.484	0.080	0.960
2707.2	98	18.6	2.528	0.208	242	0.553	0.026	0.957
2707.4	91	17.7	2.593	0.217	239	0.705	0.000	0.953
2707.6	96	14.2	2.532	0.214	233	0.569	0.013	0.942
2707.8	97	12.9	2.341	0.199	238	0.578	0.015	0.922
2708.0	93	12.5	2.212	0.186	241	0.530	0.035	0.897
2708.2	87	14.0	2.209	0.202	242	0.463	0.068	0.873
2708.4	85	12.9	2.245	0.199	248	0.428	0.092	0.860

2708.6	82	12.2	2.312	0.201	253	0.396	0.107	0.863
2708.8	89	12.7	2.254	0.223	254	0.488	0.074	0.880
2709.0	100	14.0	2.239	0.261	254	0.618	0.011	0.902
2709.2	98	15.9	2.253	0.260	251	0.597	0.017	0.921
2709.4	96	16.7	2.167	0.233	254	0.565	0.033	0.928
2709.6	101	16.4	2.100	0.253	256	0.633	0.006	0.920
2709.8	97	13.2	2.180	0.263	257	0.582	0.027	0.899
2710.0	82	10.5	2.401	0.234	260	0.401	0.121	0.872
2710.2	66	9.4	2.473	0.178	256	0.221	0.148	0.845
2710.4	60	10.4	2.483	0.143	251	0.164	0.149	0.826
2710.6	62	11.4	2.473	0.134	240	0.214	0.095	0.818
2710.8	63	11.1	2.469	0.137	238	0.216	0.097	0.824
2711.0	53	10.0	2.451	0.140	245	0.188	0.109	0.841
2711.2	43	8.3	2.444	0.142	246	0.181	0.114	0.865
2711.4	41	6.9	2.456	0.140	249	0.197	0.106	0.889
2711.6	43	6.2	2.453	0.149	252	0.220	0.107	0.907
2711.8	47	5.9	2.443	0.159	255	0.235	0.112	0.916
2712.0	52	6.0	2.447	0.171	253	0.280	0.108	0.912
2712.2	49	6.1	2.441	0.174	252	0.278	0.112	0.900
2712.4	45	5.6	2.422	0.176	252	0.246	0.124	0.884
2712.6	42	5.3	2.403	0.179	252	0.219	0.137	0.867
2712.8	40	5.0	2.393	0.181	253	0.208	0.143	0.852
2713.0	43	5.0	2.397	0.194	254	0.257	0.139	0.842
2713.2	46	5.2	2.408	0.209	254	0.326	0.130	0.835
2713.4	49	5.6	2.425	0.208	252	0.355	0.119	0.831
2713.6	51	6.2	2.436	0.192	248	0.325	0.114	0.828
2713.8	52	6.1	2.433	0.183	247	0.292	0.116	0.825
2714.0	46	5.8	2.425	0.192	248	0.305	0.120	0.820
2714.2	40	5.5	2.396	0.191	254	0.246	0.140	0.815
2714.4	39	5.2	2.379	0.190	257	0.208	0.151	0.812
2714.6	38	5.3	2.378	0.196	259	0.225	0.151	0.811
2714.8	39	5.3	2.375	0.186	263	0.190	0.155	0.816
2715.0	39	5.5	2.376	0.179	263	0.169	0.156	0.825
2715.2	39	5.6	2.401	0.169	260	0.185	0.140	0.835
2715.4	43	5.9	2.422	0.156	257	0.182	0.127	0.844
2715.6	48	6.5	2.436	0.148	253	0.184	0.119	0.849
2715.8	47	7.0	2.434	0.139	250	0.152	0.122	0.848
2716.0	40	7.3	2.429	0.139	248	0.144	0.125	0.843
2716.2	39	7.3	2.430	0.136	248	0.136	0.125	0.835
2716.4	44	7.3	2.431	0.130	249	0.119	0.126	0.827
2716.6	47	7.5	2.422	0.149	252	0.161	0.129	0.820
2716.8	47	7.8	2.425	0.161	252	0.207	0.124	0.818
2717.0	48	7.9	2.450	0.161	249	0.253	0.107	0.820
2717.2	47	7.4	2.444	0.161	252	0.244	0.111	0.827
2717.4	45	6.9	2.415	0.165	258	0.198	0.130	0.840
2717.6	43	6.1	2.406	0.165	264	0.180	0.137	0.855
2717.8	44	5.7	2.435	0.164	262	0.235	0.117	0.865
2718.0	48	5.6	2.441	0.167	260	0.256	0.112	0.868
2718.2	52	6.0	2.433	0.169	256	0.248	0.117	0.862
2718.4	56	7.3	2.442	0.161	251	0.236	0.113	0.848
2718.6	59	8.8	2.445	0.156	249	0.229	0.111	0.832
2718.8	59	10.1	2.441	0.170	249	0.264	0.112	0.817
2719.0	58	9.5	2.453	0.173	250	0.299	0.104	0.808
2719.2	60	9.3	2.461	0.156	248	0.259	0.101	0.803
2719.4	61	9.1	2.422	0.147	248	0.155	0.129	0.801
2719.6	63	9.7	2.369	0.158	243	0.089	0.165	0.803
2719.8	57	10.0	2.368	0.167	243	0.115	0.164	0.806
2720.0	54	9.0	2.416	0.163	246	0.195	0.130	0.814
2720.2	55	8.9	2.452	0.165	245	0.270	0.106	0.825

2720.4	53	8.0	2.441	0.163	249	0.243	0.113	0.842
2720.6	51	7.0	2.409	0.178	252	0.229	0.132	0.864
2720.8	52	6.4	2.375	0.184	252	0.181	0.156	0.890
2721.0	56	6.4	2.394	0.178	252	0.201	0.143	0.919
2721.2	59	7.1	2.420	0.176	245	0.243	0.126	0.947
2721.4	60	7.5	2.428	0.186	246	0.292	0.119	0.976
2721.6	58	7.0	2.434	0.193	247	0.324	0.114	1.000
2721.8	55	6.5	2.428	0.194	248	0.317	0.119	1.000
2722.0	55	6.1	2.429	0.203	247	0.346	0.117	1.000
2722.2	59	5.5	2.424	0.206	248	0.345	0.120	1.000
2722.4	58	4.5	2.422	0.196	252	0.309	0.122	1.000
2722.6	57	4.0	2.419	0.200	253	0.319	0.123	1.000
2722.8	56	3.8	2.409	0.211	255	0.336	0.129	1.000
2723.0	49	3.8	2.395	0.229	256	0.362	0.136	1.000
2723.2	42	3.7	2.384	0.226	257	0.335	0.143	1.000
2723.4	36	3.4	2.373	0.220	260	0.293	0.152	1.000
2723.6	35	3.2	2.355	0.229	260	0.289	0.162	1.000
2723.8	38	3.2	2.349	0.242	260	0.317	0.164	1.000
2724.0	50	3.2	2.358	0.245	260	0.341	0.158	1.000
2724.2	76	3.4	2.375	0.257	270	0.413	0.145	1.000
2724.4	103	4.2	2.396	0.309	287	0.620	0.019	1.000
2724.6	120	6.7	2.403	0.349	292	0.762	0.000	1.000
2724.8	132	13.2	2.445	0.356	283	0.864	0.000	1.000
2725.0	134	24.2	2.520	0.319	256	0.891	0.000	1.000
2725.2	133	26.1	2.544	0.315	248	0.924	0.000	1.000
2725.4	137	27.6	2.532	0.335	249	0.965	0.000	1.000
2725.6	143	28.1	2.522	0.327	253	0.922	0.000	1.000
2725.8	146	27.4	2.527	0.307	254	0.865	0.000	1.000
2726.0	140	27.4	2.522	0.282	246	0.778	0.000	1.000
2726.2	130	27.8	2.549	0.298	245	0.880	0.000	1.000
2726.4	129	27.2	2.572	0.304	244	0.944	0.000	1.000
2726.6	132	26.0	2.566	0.309	242	0.949	0.000	1.000
2726.8	131	24.4	2.554	0.295	251	0.879	0.000	1.000
2727.0	131	21.4	2.526	0.316	279	0.892	0.000	1.000
2727.2	133	20.0	2.489	0.343	283	0.908	0.000	1.000
2727.4	133	21.4	2.486	0.334	283	0.874	0.000	1.000
2727.6	133	24.8	2.510	0.320	279	0.874	0.000	1.000
2727.8	136	30.5	2.541	0.329	274	0.964	0.000	1.000
2728.0	136	30.3	2.577	0.328	269	1.000	0.000	1.000
2728.2	137	27.6	2.586	0.324	259	1.000	0.000	1.000
2728.4	140	26.0	2.581	0.317	255	1.000	0.000	1.000
2728.6	138	25.6	2.567	0.296	255	0.909	0.000	1.000
2728.8	135	25.5	2.543	0.288	256	0.837	0.000	1.000
2729.0	135	25.6	2.520	0.313	259	0.872	0.000	1.000
2729.2	141	25.9	2.515	0.325	264	0.900	0.000	1.000
2729.4	141	26.6	2.491	0.337	281	0.892	0.000	1.000
2729.6	130	29.4	2.454	0.352	279	0.871	0.000	1.000
2729.8	125	32.2	2.439	0.363	282	0.875	0.000	1.000
2730.0	131	36.1	2.429	0.344	289	0.797	0.000	1.000
2730.2	133	38.4	2.468	0.331	287	0.832	0.000	1.000
2730.4	135	36.9	2.532	0.320	284	0.918	0.000	1.000
2730.6	133	33.9	2.519	0.318	276	0.888	0.000	1.000
2730.8	135	33.1	2.472	0.357	293	0.922	0.000	1.000
2731.0	135	34.0	2.445	0.366	291	0.895	0.000	1.000
2731.2	132	33.1	2.508	0.331	283	0.906	0.000	1.000
2731.4	129	31.5	2.562	0.296	264	0.899	0.000	1.000
2731.6	127	29.1	2.564	0.295	256	0.899	0.000	1.000
2731.8	125	30.0	2.553	0.309	255	0.924	0.000	1.000
2732.0	120	29.7	2.558	0.301	250	0.908	0.000	1.000

2732.2	113	27.5	2.596	0.274	246	0.895	0.000	1.000
2732.4	112	25.0	2.662	0.269	243	1.000	0.000	1.000
2732.6	119	23.3	2.655	0.278	246	1.000	0.000	1.000
2732.8	127	22.4	2.597	0.288	249	0.942	0.000	1.000
2733.0	133	22.8	2.597	0.284	251	0.929	0.000	1.000
2733.2	134	29.1	2.597	0.304	261	0.991	0.000	1.000
2733.4	125	48.8	2.472	0.337	325	Coal		
2733.6	110	102.2	2.207	0.388	382	Coal		
2733.8	96	136.5	1.853	0.465	422	Coal		
2734.0	92	184.0	1.547	0.471	451	Coal		
2734.2	101	152.4	1.404	0.463	426	Coal		
2734.4	109	85.6	1.481	0.463	391	Coal		
2734.6	121	44.4	1.643	0.412	358	Coal		
2734.8	124	27.9	1.763	0.379	324	Coal		
2735.0	120	23.7	1.787	0.394	317	Coal		
2735.2	129	25.6	1.959	0.369	307	Coal		
2735.4	137	30.2	2.254	0.328	300	Coal		
2735.6	134	38.2	2.336	0.327	285	Coal		
2735.8	119	38.3	2.069	0.342	301	Coal		
2736.0	103	46.3	1.746	0.420	420	Coal		
2736.2	94	53.5	1.546	0.502	458	Coal		
2736.4	102	78.0	1.519	0.505	447	Coal		
2736.6	114	110.9	1.665	0.444	405	Coal		
2736.8	126	88.2	1.929	0.394	369	Coal		
2737.0	134	62.4	1.922	0.398	360	Coal		
2737.2	132	55.2	1.944	0.385	354	Coal		
2737.4	128	45.5	2.099	0.344	327	Coal		
2737.6	132	37.6	2.110	0.320	302	Coal		
2737.8	132	30.1	1.884	0.328	279	Coal		
2738.0	117	29.7	1.838	0.321	271	Coal		
2738.2	94	31.0	2.140	0.301	266	Coal		
2738.4	80	28.4	2.625	0.251	253	Coal		
2738.6	79	26.5	2.787	0.199	236	1.000	0.000	1.000
2738.8	90	21.5	2.668	0.169	221	0.701	0.000	1.000
2739.0	94	18.6	2.586	0.165	228	0.529	0.013	1.000
2739.2	91	16.7	2.566	0.145	231	0.426	0.035	1.000
2739.4	95	15.6	2.568	0.131	229	0.387	0.035	1.000
2739.6	97	13.9	2.573	0.132	228	0.399	0.032	1.000
2739.8	104	13.9	2.584	0.141	231	0.451	0.024	1.000
2740.0	116	15.1	2.593	0.166	231	0.546	0.009	1.000
2740.2	124	18.9	2.592	0.190	230	0.620	0.002	1.000
2740.4	124	20.3	2.582	0.191	232	0.603	0.005	1.000
2740.6	122	20.1	2.576	0.186	234	0.578	0.009	1.000
2740.8	121	20.0	2.568	0.187	236	0.566	0.013	1.000
2741.0	119	19.7	2.556	0.198	238	0.576	0.014	1.000
2741.2	120	19.5	2.553	0.209	241	0.604	0.009	1.000
2741.4	127	19.3	2.567	0.210	240	0.637	0.002	1.000
2741.6	121	19.2	2.574	0.209	241	0.647	0.000	1.000
2741.8	117	19.2	2.569	0.206	242	0.627	0.003	1.000
2742.0	119	19.2	2.559	0.198	242	0.583	0.012	1.000
2742.2	124	18.8	2.570	0.192	244	0.586	0.009	1.000
2742.4	130	18.2	2.597	0.208	241	0.688	0.000	1.000
2742.6	130	17.5	2.610	0.209	243	0.717	0.000	1.000
2742.8	132	16.4	2.618	0.210	242	0.733	0.000	1.000
2743.0	138	15.9	2.613	0.216	241	0.744	0.000	1.000
2743.2	138	16.2	2.613	0.219	241	0.754	0.000	1.000
2743.4	127	17.8	2.613	0.228	228	0.782	0.000	1.000
2743.6	114	18.0	2.295	0.279	300	Coal		
2743.8	88	12.6	1.691	0.387	363	Coal		

2744.0	62	11.3	1.362	0.473	385	Coal		
2744.2	58	9.8	1.281	0.466	406	Coal		
2744.4	63	12.8	1.275	0.474	424	Coal		
2744.6	70	15.7	1.286	0.473	416	Coal		
2744.8	68	27.7	1.306	0.547	421	Coal		
2745.0	58	73.1	1.305	0.557	402	Coal		
2745.2	44	200.6	1.269	0.471	419	Coal		
2745.4	34	469.7	1.250	0.461	428	Coal		
2745.6	26	530.3	1.249	0.452	435	Coal		
2745.8	20	470.4	1.242	0.494	437	Coal		
2746.0	18	491.1	1.230	0.513	438	Coal		
2746.2	19	680.5	1.226	0.519	465	Coal		
2746.4	20	816.2	1.233	0.501	491	Coal		
2746.6	20	996.8	1.239	0.467	487	Coal		
2746.8	20	768.2	1.235	0.475	470	Coal		
2747.0	27	114.6	1.260	0.513	466	Coal		
2747.2	44	70.4	1.315	0.542	507	Coal		
2747.4	64	72.5	1.400	0.543	501	Coal		
2747.6	83	79.6	1.564	0.509	436	Coal		
2747.8	99	68.9	1.819	0.456	398	Coal		
2748.0	98	55.2	1.828	0.465	397	Coal		
2748.2	82	54.9	1.560	0.466	404	Coal		
2748.4	76	40.8	1.364	0.457	379	Coal		
2748.6	83	33.6	1.315	0.456	398	Coal		
2748.8	85	30.8	1.351	0.463	400	Coal		
2749.0	79	36.8	1.361	0.474	399	Coal		
2749.2	67	52.0	1.336	0.501	430	Coal		
2749.4	56	91.9	1.289	0.510	438	Coal		
2749.6	73	63.9	1.360	0.494	381	Coal		
2749.8	109	44.1	1.696	0.464	339	Coal		
2750.0	131	42.1	2.175	0.378	325	Coal		
2750.2	135	39.0	2.389	0.263	285	1.000	0.000	0.977
2750.4	132	39.8	2.309	0.235	259	1.000	0.000	0.960
2750.6	108	24.8	2.196	0.230	263	0.731	0.000	0.943
2750.8	86	14.9	2.180	0.205	271	0.440	0.135	0.933
2751.0	90	10.5	2.266	0.198	270	0.498	0.093	0.933
2751.2	122	11.5	2.437	0.249	273	0.908	0.000	0.943
2751.4	142	15.9	2.505	0.259	271	1.000	0.000	0.960
2751.6	143	23.3	2.512	0.238	268	1.000	0.000	0.977
2751.8	141	31.0	2.538	0.225	255	0.627	0.005	0.990
2752.0	141	31.8	2.574	0.217	248	0.674	0.000	0.997
2752.2	138	31.2	2.589	0.224	249	0.722	0.000	1.000
2752.4	145	29.7	2.582	0.247	253	0.783	0.000	1.000
2752.6	151	27.7	2.582	0.267	259	0.849	0.000	1.000
2752.8	151	26.4	2.619	0.280	259	0.960	0.000	1.000
2753.0	144	26.1	2.776	0.281	257	1.000	0.000	1.000
2753.2	139	26.1	2.954	0.275	248	1.000	0.000	1.000
2753.4	135	25.3	2.996	0.273	234	1.000	0.000	1.000
2753.6	138	24.6	2.802	0.280	239	1.000	0.000	1.000
2753.8	144	24.1	2.647	0.275	259	0.998	0.000	1.000
2754.0	146	23.4	2.604	0.261	263	0.869	0.000	1.000
2754.2	151	24.0	2.603	0.261	262	0.867	0.000	1.000
2754.4	151	24.3	2.597	0.265	262	0.869	0.000	1.000
2754.6	145	24.5	2.579	0.286	265	0.900	0.000	1.000
2754.8	139	23.9	2.558	0.302	276	0.911	0.000	1.000
2755.0	142	24.6	2.552	0.300	281	0.892	0.000	1.000
2755.2	137	28.3	2.546	0.289	286	0.849	0.000	1.000
2755.4	131	33.5	2.521	0.278	285	0.763	0.000	1.000
2755.6	130	37.4	2.517	0.262	284	0.707	0.000	1.000

2755.8	134	31.6	2.554	0.251	276	0.742	0.000	1.000
2756.0	134	24.0	2.592	0.260	268	0.842	0.000	1.000
2756.2	139	22.1	2.591	0.268	265	0.869	0.000	1.000
2756.4	142	21.3	2.591	0.253	267	0.819	0.000	1.000
2756.6	148	21.0	2.589	0.250	272	0.804	0.000	1.000
2756.8	146	21.1	2.571	0.250	267	0.772	0.000	1.000
2757.0	140	21.4	2.570	0.249	266	0.764	0.000	1.000
2757.2	135	21.5	2.565	0.255	264	0.777	0.000	1.000
2757.4	134	21.5	2.536	0.258	268	0.728	0.000	1.000
2757.6	127	20.5	2.536	0.264	275	0.750	0.000	1.000
2757.8	120	17.7	2.536	0.260	274	0.735	0.000	1.000
2758.0	119	16.6	2.465	0.270	271	Coal		
2758.2	117	16.8	2.281	0.316	273	Coal		
2758.4	100	20.4	2.024	0.402	286	Coal		
2758.6	61	61.5	1.642	0.470	330	Coal		
2758.8	26	314.2	1.367	0.506	382	Coal		
2759.0	16	513.5	1.248	0.533	417	Coal		
2759.2	13	669.8	1.228	0.555	425	Coal		
2759.4	12	822.2	1.246	0.514	427	Coal		
2759.6	12	1090.8	1.268	0.497	416	Coal		
2759.8	11	1523.6	1.291	0.496	405	Coal		
2760.0	12	1732.2	1.284	0.490	419	Coal		
2760.2	18	1687.9	1.263	0.452	407	Coal		
2760.4	34	440.9	1.314	0.487	407	Coal		
2760.6	58	53.1	1.491	0.482	432	Coal		
2760.8	86	31.6	1.707	0.429	391	Coal		
2761.0	102	24.7	1.759	0.352	358	Coal		
2761.2	107	21.3	1.611	0.357	277	Coal		
2761.4	106	21.8	1.538	0.464	313	Coal		
2761.6	104	27.1	1.552	0.495	344	Coal		
2761.8	89	34.8	1.529	0.474	410	Coal		
2762.0	75	69.9	1.472	0.500	417	Coal		
2762.2	81	116.6	1.628	0.420	421	Coal		
2762.4	101	62.4	2.123	0.273	377	Coal		
2762.6	112	38.9	2.498	0.211	312	Coal		
2762.8	114	29.8	2.542	0.197	262	0.546	0.024	0.967
2763.0	112	26.6	2.542	0.195	243	0.541	0.025	0.959
2763.2	113	25.7	2.542	0.184	244	0.504	0.034	0.957
2763.4	104	26.5	2.364	0.207	233	Coal		
2763.6	99	31.6	1.952	0.311	238	Coal		
2763.8	100	43.9	1.660	0.408	297	Coal		
2764.0	94	63.2	1.512	0.432	338	Coal		
2764.2	85	83.0	1.407	0.433	382	Coal		
2764.4	75	61.0	1.425	0.405	384	Coal		
2764.6	82	37.5	1.613	0.320	389	Coal		
2764.8	97	24.1	1.747	0.253	332	Coal		
2765.0	106	21.1	1.759	0.267	274	Coal		
2765.2	110	19.4	1.663	0.319	251	Coal		
2765.4	106	17.3	1.461	0.367	256	Coal		
2765.6	95	17.5	1.289	0.438	315	Coal		
2765.8	82	20.4	1.314	0.491	363	Coal		
2766.0	82	32.4	1.542	0.451	395	Coal		
2766.2	101	36.1	1.954	0.382	352	Coal		
2766.4	124	26.9	2.353	0.311	305	Coal		
2766.6	124	23.5	2.349	0.215	272	0.934	0.000	0.960
2766.8	108	21.9	2.248	0.157	253	0.727	0.000	0.943
2767.0	94	20.7	2.248	0.144	246	0.539	0.037	0.933
2767.2	94	22.6	2.252	0.149	254	0.545	0.043	0.932
2767.4	111	25.6	2.349	0.156	255	0.773	0.000	0.940

2767.6	129	28.4	2.502	0.168	246	0.993	0.000	0.950
2767.8	139	34.2	2.489	0.181	237	1.000	0.000	0.952
2768.0	128	32.8	2.439	0.169	238	0.977	0.000	0.942
2768.2	99	29.2	2.418	0.135	244	0.610	0.010	0.922
2768.4	82	26.8	2.456	0.125	248	0.396	0.100	0.902
2768.6	85	23.2	2.567	0.142	247	0.436	0.088	0.891
2768.8	91	22.4	2.536	0.153	239	0.507	0.042	0.895
2769.0	93	22.6	2.174	0.172	237	0.532	0.029	0.914
2769.2	96	27.4	2.110	0.174	244	0.568	0.023	0.940
2769.4	108	36.1	2.299	0.209	253	0.724	0.000	0.965
2769.6	117	38.9	2.505	0.255	254	0.846	0.000	0.984
2769.8	123	44.2	2.533	0.254	253	0.925	0.000	0.994
2770.0	129	51.7	2.452	0.247	247	Coal		
2770.2	125	61.2	2.155	0.301	266	Coal		
2770.4	120	49.9	2.071	0.366	323	Coal		
2770.6	119	35.6	2.259	0.316	338	Coal		
2770.8	124	33.8	2.540	0.216	311	0.606	0.010	0.950
2771.0	136	34.1	2.540	0.204	275	0.565	0.020	0.918
2771.2	147	35.0	2.534	0.194	244	0.521	0.033	0.883
2771.4	148	27.6	2.509	0.179	240	0.425	0.069	0.851
2771.6	122	15.7	2.441	0.166	250	0.255	0.113	0.827
2771.8	88	11.0	2.388	0.150	257	0.099	0.153	0.814
2772.0	77	9.2	2.375	0.140	270	0.041	0.165	0.812
2772.2	76	9.4	2.376	0.130	265	0.014	0.166	0.819
2772.4	74	8.7	2.371	0.127	260	0.000	0.169	0.830
2772.6	78	8.3	2.387	0.141	256	0.070	0.155	0.842
2772.8	83	7.8	2.389	0.160	256	0.133	0.151	0.852
2773.0	82	7.1	2.390	0.172	258	0.172	0.148	0.858
2773.2	82	6.7	2.388	0.179	256	0.194	0.147	0.860
2773.4	89	7.3	2.377	0.187	256	0.197	0.154	0.857
2773.6	92	7.2	2.374	0.172	257	0.143	0.159	0.853
2773.8	87	7.3	2.376	0.171	259	0.142	0.158	0.849
2774.0	82	7.5	2.380	0.169	256	0.143	0.155	0.849
2774.2	79	7.7	2.379	0.148	256	0.076	0.160	0.851
2774.4	79	8.1	2.368	0.131	256	0.000	0.171	0.858
2774.6	79	7.7	2.360	0.122	258	0.000	0.170	0.867
2774.8	76	7.3	2.359	0.130	257	0.000	0.174	0.877
2775.0	70	6.3	2.353	0.135	258	0.000	0.178	0.885
2775.2	65	5.4	2.325	0.138	259	0.000	0.190	0.889
2775.4	65	5.6	2.325	0.137	262	0.000	0.189	0.886
2775.6	75	6.6	2.358	0.132	260	0.000	0.175	0.878
2775.8	84	8.1	2.380	0.130	256	0.021	0.163	0.868
2776.0	90	9.9	2.381	0.142	247	0.062	0.160	0.862
2776.2	84	7.2	2.359	0.151	249	0.046	0.174	0.863
2776.4	76	6.1	2.337	0.163	253	0.042	0.188	0.873
2776.6	77	6.0	2.348	0.159	250	0.050	0.181	0.889
2776.8	78	6.1	2.355	0.136	250	0.000	0.178	0.907
2777.0	80	6.3	2.346	0.120	250	0.000	0.174	0.922
2777.2	81	5.9	2.349	0.125	254	0.000	0.176	0.930
2777.4	78	5.3	2.351	0.139	256	0.000	0.181	0.930
2777.6	76	5.6	2.352	0.141	258	0.003	0.181	0.923
2777.8	78	6.4	2.361	0.140	259	0.016	0.175	0.913
2778.0	80	7.9	2.381	0.144	253	0.066	0.160	0.905
2778.2	72	8.0	2.393	0.150	246	0.108	0.150	0.905
2778.4	62	7.4	2.379	0.143	244	0.061	0.161	0.913
2778.6	61	6.9	2.381	0.135	246	0.038	0.161	0.932
2778.8	62	6.9	2.390	0.130	247	0.040	0.156	0.959
2779.0	57	7.4	2.397	0.127	245	0.044	0.151	0.991
2779.2	48	7.1	2.403	0.128	242	0.060	0.146	1.000

2779.4	42	5.5	2.400	0.126	245	0.046	0.149	1.000
2779.6	41	5.0	2.386	0.128	247	0.026	0.159	1.000
2779.8	43	5.1	2.385	0.128	248	0.024	0.160	1.000
2780.0	41	5.1	2.379	0.129	247	0.014	0.164	1.000
2780.2	44	4.9	2.379	0.142	253	0.057	0.161	1.000
2780.4	48	4.8	2.402	0.148	253	0.120	0.144	1.000
2780.6	49	4.8	2.416	0.139	255	0.119	0.135	1.000
2780.8	48	4.8	2.400	0.139	253	0.086	0.147	1.000
2781.0	43	4.8	2.409	0.140	253	0.107	0.140	1.000
2781.2	42	4.4	2.446	0.137	255	0.170	0.114	1.000
2781.4	46	4.6	2.462	0.137	253	0.202	0.103	1.000
2781.6	51	5.3	2.426	0.131	253	0.113	0.130	1.000
2781.8	61	7.2	2.408	0.120	253	0.043	0.144	1.000
2782.0	71	8.7	2.440	0.111	253	0.074	0.123	1.000
2782.2	75	11.0	2.458	0.121	248	0.142	0.108	0.975
2782.4	73	12.5	2.435	0.130	247	0.126	0.123	0.945
2782.6	71	10.4	2.420	0.119	246	0.062	0.136	0.929
2782.8	70	9.6	2.433	0.121	245	0.093	0.126	0.925
2783.0	70	9.6	2.445	0.124	246	0.127	0.117	0.925
2783.2	73	9.6	2.436	0.120	246	0.096	0.124	0.926
2783.4	72	9.7	2.425	0.123	247	0.086	0.132	0.924
2783.6	66	9.1	2.415	0.127	249	0.079	0.138	0.921
2783.8	63	8.5	2.404	0.135	247	0.083	0.145	0.921
2784.0	64	7.6	2.393	0.139	250	0.073	0.152	0.924
2784.2	66	7.2	2.384	0.130	248	0.029	0.160	0.931
2784.4	63	7.0	2.395	0.125	249	0.032	0.153	0.940
2784.6	62	7.8	2.411	0.126	246	0.068	0.141	0.949
2784.8	63	8.0	2.411	0.136	246	0.101	0.139	0.959
2785.0	68	7.4	2.392	0.132	247	0.049	0.154	0.972
2785.2	64	6.5	2.369	0.123	251	0.000	0.168	0.991
2785.4	59	5.8	2.374	0.120	253	0.000	0.164	1.000
2785.6	54	5.6	2.381	0.120	252	0.000	0.162	1.000
2785.8	53	5.6	2.386	0.120	248	0.000	0.160	1.000
2786.0	54	5.6	2.399	0.121	246	0.028	0.151	1.000
2786.2	54	5.6	2.401	0.116	243	0.018	0.150	1.000
2786.4	52	5.6	2.393	0.112	243	0.000	0.154	1.000
2786.6	53	5.0	2.379	0.108	246	0.000	0.158	1.000
2786.8	54	4.6	2.371	0.112	249	0.000	0.162	1.000
2787.0	55	5.0	2.392	0.117	250	0.000	0.157	1.000
2787.2	62	6.1	2.416	0.121	247	0.062	0.138	1.000
2787.4	66	8.0	2.427	0.118	243	0.072	0.131	1.000
2787.6	63	7.5	2.431	0.110	238	0.053	0.130	1.000
2787.8	64	6.9	2.415	0.111	240	0.028	0.141	1.000
2788.0	66	7.0	2.378	0.120	244	0.000	0.163	1.000
2788.2	68	6.1	2.350	0.137	249	0.000	0.180	1.000
2788.4	69	6.1	2.371	0.149	251	0.066	0.165	1.000
2788.6	67	5.6	2.390	0.144	250	0.085	0.153	1.000
2788.8	63	5.3	2.382	0.144	251	0.069	0.159	1.000
2789.0	73	6.4	2.418	0.148	249	0.151	0.132	1.000
2789.2	93	8.7	2.489	0.146	244	0.281	0.084	1.000
2789.4	98	11.8	2.531	0.146	240	0.364	0.058	1.000
2789.6	88	17.9	2.537	0.144	233	0.370	0.054	1.000
2789.8	83	17.9	2.540	0.139	233	0.358	0.052	1.000
2790.0	82	18.2	2.538	0.124	230	0.307	0.055	1.000
2790.2	84	18.1	2.526	0.118	230	0.266	0.063	0.987
2790.4	81	16.4	2.487	0.118	235	0.190	0.088	0.987
2790.6	76	13.4	2.463	0.130	241	0.181	0.104	1.000
2790.8	68	7.4	2.440	0.147	250	0.193	0.116	1.000
2791.0	66	5.5	2.403	0.143	252	0.106	0.144	1.000

2791.2	61	4.5	2.377	0.133	255	0.022	0.165	1.000
2791.4	61	4.6	2.415	0.140	253	0.119	0.136	1.000
2791.6	68	6.1	2.473	0.141	247	0.236	0.094	1.000
2791.8	79	9.3	2.519	0.137	241	0.313	0.065	1.000
2792.0	90	15.1	2.524	0.143	236	0.341	0.062	1.000
2792.2	91	20.3	2.520	0.144	240	0.337	0.065	0.961
2792.4	90	18.6	2.514	0.138	245	0.305	0.069	0.919
2792.6	83	15.1	2.486	0.133	252	0.234	0.087	0.892
2792.8	75	12.8	2.464	0.129	252	0.179	0.103	0.878
2793.0	76	12.1	2.465	0.132	250	0.192	0.102	0.870
2793.2	90	14.4	2.487	0.143	243	0.269	0.085	0.866
2793.4	100	17.0	2.516	0.151	239	0.349	0.067	0.868
2793.6	99	19.0	2.511	0.159	236	0.367	0.069	0.881
2793.8	90	13.4	2.464	0.162	239	0.283	0.099	0.909
2794.0	81	8.7	2.417	0.146	243	0.144	0.133	0.947
2794.2	75	7.3	2.425	0.125	246	0.093	0.131	0.987
2794.4	78	7.6	2.466	0.116	244	0.142	0.104	1.000
2794.6	84	9.1	2.464	0.128	241	0.174	0.103	1.000
2794.8	77	9.5	2.450	0.137	244	0.178	0.111	1.000
2795.0	62	7.7	2.413	0.133	248	0.093	0.139	1.000
2795.2	52	5.8	2.382	0.130	252	0.024	0.162	1.000
2795.4	48	5.3	2.383	0.132	252	0.032	0.160	1.000
2795.6	52	5.6	2.393	0.127	247	0.036	0.154	1.000
2795.8	59	6.6	2.404	0.119	241	0.029	0.148	1.000
2796.0	59	6.4	2.408	0.115	244	0.025	0.146	1.000
2796.2	60	6.7	2.426	0.113	252	0.056	0.133	1.000
2796.4	64	7.3	2.447	0.112	254	0.094	0.118	1.000
2796.6	69	8.4	2.454	0.120	248	0.132	0.111	1.000
2796.8	72	10.4	2.437	0.129	244	0.127	0.122	0.964
2797.0	75	11.6	2.431	0.137	245	0.142	0.125	0.925
2797.2	76	12.7	2.438	0.140	249	0.166	0.119	0.905
2797.4	70	12.6	2.448	0.128	249	0.144	0.114	0.911
2797.6	67	12.8	2.458	0.113	250	0.118	0.110	0.938
2797.8	65	12.1	2.467	0.119	249	0.154	0.102	0.975
2798.0	65	10.6	2.492	0.133	249	0.246	0.083	1.000
2798.2	64	9.7	2.493	0.130	249	0.240	0.083	1.000
2798.4	71	9.3	2.457	0.125	253	0.152	0.109	1.000
2798.6	73	10.6	2.448	0.123	252	0.130	0.115	0.991
2798.8	72	11.7	2.460	0.113	252	0.120	0.109	0.959
2799.0	73	12.8	2.462	0.106	247	0.103	0.108	0.926
2799.2	76	13.3	2.459	0.106	243	0.097	0.110	0.903
2799.4	75	13.5	2.445	0.114	247	0.094	0.119	0.895
2799.6	71	14.0	2.432	0.117	249	0.078	0.128	0.903
2799.8	68	11.2	2.433	0.113	252	0.070	0.128	0.926
2800.0	59	8.9	2.430	0.110	251	0.052	0.131	0.959
2800.2	48	7.5	2.417	0.103	248	0.007	0.141	0.994
2800.4	44	6.9	2.398	0.097	248	0.000	0.146	1.000
2800.6	46	6.6	2.397	0.103	249	0.000	0.149	1.000
2800.8	51	7.0	2.418	0.104	249	0.012	0.140	1.000
2801.0	53	8.5	2.443	0.098	247	0.038	0.123	1.000
2801.2	52	9.0	2.431	0.098	248	0.017	0.132	1.000
2801.4	47	9.0	2.410	0.104	250	0.000	0.145	1.000
2801.6	43	8.4	2.421	0.103	251	0.013	0.138	1.000
2801.8	45	8.4	2.432	0.112	249	0.063	0.128	0.994
2802.0	46	8.2	2.425	0.111	251	0.047	0.134	0.987
2802.2	46	8.0	2.411	0.109	253	0.013	0.144	0.981
2802.4	47	8.1	2.399	0.116	253	0.012	0.151	0.977
2802.6	51	8.8	2.413	0.118	250	0.045	0.141	0.977
2802.8	53	9.6	2.447	0.116	249	0.106	0.117	0.979

2803.0	53	10.5	2.458	0.111	249	0.109	0.111	0.981
2803.2	53	10.3	2.459	0.113	248	0.119	0.109	0.979
2803.4	53	10.2	2.454	0.115	247	0.115	0.113	0.974
2803.6	50	9.7	2.438	0.117	251	0.090	0.124	0.967
2803.8	44	8.6	2.409	0.120	252	0.046	0.144	0.961
2804.0	40	7.5	2.380	0.121	254	0.000	0.163	0.961
2804.2	39	7.2	2.387	0.115	254	0.000	0.158	0.965
2804.4	44	7.4	2.408	0.106	252	0.000	0.146	0.972
2804.6	50	7.9	2.418	0.106	253	0.017	0.140	0.977
2804.8	55	9.0	2.420	0.108	249	0.026	0.138	0.977
2805.0	55	9.9	2.439	0.102	245	0.045	0.125	0.972
2805.2	50	10.4	2.454	0.101	245	0.071	0.115	0.964
2805.4	48	10.0	2.432	0.113	246	0.065	0.129	0.959
2805.6	46	9.2	2.406	0.117	248	0.028	0.147	0.960
2805.8	45	8.4	2.399	0.113	249	0.004	0.152	0.968
2806.0	47	7.9	2.407	0.099	247	0.000	0.144	0.983
2806.2	48	8.3	2.432	0.111	246	0.059	0.129	0.999
2806.4	46	8.1	2.441	0.118	246	0.101	0.121	1.000
2806.6	40	7.3	2.413	0.118	246	0.045	0.142	1.000
2806.8	37	6.1	2.365	0.114	250	0.000	0.165	1.000
2807.0	37	5.3	2.341	0.107	251	0.000	0.171	1.000
2807.2	37	5.2	2.346	0.104	250	0.000	0.167	1.000
2807.4	36	5.4	2.373	0.103	249	0.000	0.157	1.000
2807.6	36	5.6	2.386	0.098	246	0.000	0.151	1.000
2807.8	37	5.6	2.382	0.095	244	0.000	0.151	1.000
2808.0	39	5.4	2.390	0.089	242	0.000	0.145	1.000
2808.2	38	5.1	2.390	0.099	242	0.000	0.150	1.000
2808.4	36	4.7	2.390	0.114	242	0.000	0.156	1.000
2808.6	36	4.6	2.395	0.124	244	0.030	0.153	1.000
2808.8	38	4.5	2.406	0.123	245	0.048	0.145	1.000
2809.0	36	4.5	2.414	0.125	242	0.073	0.139	1.000
2809.2	31	4.3	2.416	0.130	245	0.088	0.137	1.000
2809.4	32	4.0	2.416	0.135	244	0.107	0.136	1.000
2809.6	32	4.1	2.268	0.197	257	Coal		
2809.8	27	5.7	1.796	0.324	308	Coal		
2810.0	20	9.7	1.473	0.435	373	Coal		
2810.2	14	31.9	1.358	0.472	423	Coal		
2810.4	14	93.9	1.335	0.469	441	Coal		
2810.6	14	322.6	1.290	0.454	435	Coal		
2810.8	20	542.2	1.242	0.465	430	Coal		
2811.0	32	741.9	1.216	0.507	441	Coal		
2811.2	58	166.5	1.306	0.536	478	Coal		
2811.4	91	79.3	1.648	0.459	435	Coal		
2811.6	115	56.5	2.233	0.345	397	Coal		
2811.8	122	47.6	2.468	0.277	325	0.660	0.000	0.981
2812.0	123	42.8	2.468	0.262	266	0.612	0.016	0.969
2812.2	129	40.3	2.468	0.254	266	0.588	0.027	0.960
2812.4	136	38.9	2.472	0.242	272	0.559	0.039	0.957
2812.6	135	38.5	2.479	0.246	270	0.584	0.026	0.960
2812.8	130	39.3	2.487	0.260	270	0.644	0.002	0.969
2813.0	131	40.9	2.477	0.268	276	0.649	0.000	0.981
2813.2	126	43.3	2.477	0.269	273	0.654	0.000	0.990
2813.4	123	45.6	2.477	0.288	269	0.713	0.000	0.997
2813.6	114	51.1	2.236	0.335	284	Coal		
2813.8	87	72.5	1.695	0.394	336	Coal		
2814.0	58	113.6	1.370	0.445	385	Coal		
2814.2	56	267.7	1.310	0.464	423	Coal		
2814.4	85	331.9	1.489	0.463	434	Coal		
2814.6	118	105.2	1.863	0.428	372	Coal		

2814.8	140	60.7	2.295	0.395	338	Coal		
2815.0	144	46.2	2.503	0.375	302	1.000	0.000	1.000
2815.2	144	40.3	2.503	0.332	289	0.905	0.000	1.000
2815.4	153	35.9	2.503	0.304	281	0.817	0.000	1.000
2815.6	158	31.3	2.558	0.282	267	0.851	0.000	1.000
2815.8	153	29.8	2.584	0.268	261	0.858	0.000	1.000
2816.0	149	29.2	2.592	0.263	255	0.857	0.000	1.000
2816.2	148	28.4	2.587	0.256	254	0.826	0.000	1.000
2816.4	145	29.0	2.585	0.248	248	0.796	0.000	1.000
2816.6	145	30.2	2.589	0.258	246	0.836	0.000	1.000
2816.8	148	32.2	2.584	0.263	245	0.843	0.000	1.000
2817.0	144	34.2	2.567	0.251	246	0.772	0.000	1.000
2817.2	137	36.4	2.568	0.228	246	0.698	0.000	1.000
2817.4	120	38.4	2.580	0.216	246	0.684	0.000	1.000
2817.6	99	45.4	2.616	0.193	238	0.679	0.000	0.997
2817.8	84	62.0	2.730	0.157	217	0.785	0.000	0.990
2818.0	81	98.7	2.805	0.146	203	0.896	0.000	0.976
2818.2	88	106.6	2.697	0.149	197	0.698	0.000	0.956
2818.4	98	59.2	2.584	0.157	213	0.501	0.018	0.933
2818.6	104	40.8	2.552	0.172	228	0.487	0.035	0.914
2818.8	110	34.5	2.540	0.191	243	0.525	0.030	0.904
2819.0	108	35.7	2.544	0.193	244	0.540	0.025	0.907
2819.2	109	37.0	2.545	0.188	243	0.527	0.028	0.923
2819.4	117	37.5	2.546	0.194	241	0.548	0.022	0.944
2819.6	126	38.7	2.563	0.206	236	0.618	0.005	0.966
2819.8	129	39.0	2.567	0.219	235	0.668	0.000	0.982
2820.0	135	38.4	2.566	0.240	238	0.733	0.000	0.993
2820.2	141	36.2	2.574	0.251	240	0.786	0.000	0.998
2820.4	138	32.6	2.584	0.248	245	0.795	0.000	1.000
2820.6	137	30.3	2.584	0.250	247	0.801	0.000	1.000
2820.8	142	29.6	2.579	0.254	247	0.805	0.000	1.000
2821.0	150	28.4	2.575	0.255	248	0.797	0.000	1.000
2821.2	148	26.8	2.575	0.252	247	0.789	0.000	1.000
2821.4	143	25.9	2.582	0.243	248	0.775	0.000	1.000
2821.6	140	24.4	2.591	0.236	249	0.769	0.000	1.000
2821.8	137	22.7	2.583	0.236	249	0.754	0.000	1.000
2822.0	129	21.3	2.565	0.243	250	0.739	0.000	1.000
2822.2	122	20.6	2.558	0.245	252	0.732	0.000	1.000
2822.4	120	21.3	2.558	0.248	255	0.744	0.000	1.000
2822.6	126	24.3	2.558	0.286	266	0.866	0.000	1.000
2822.8	128	28.5	2.303	0.343	289	Coal		
2823.0	115	42.3	1.980	0.396	325	Coal		
2823.2	93	63.9	1.603	0.464	376	Coal		
2823.4	83	91.0	1.537	0.492	410	Coal		
2823.6	103	54.2	1.819	0.427	382	Coal		
2823.8	126	19.6	2.277	0.391	341	Coal		
2824.0	127	9.9	2.188	0.390	312	Coal		
2824.2	100	11.5	1.778	0.428	330	Coal		
2824.4	61	19.2	1.449	0.509	369	Coal		
2824.6	30	49.7	1.290	0.546	414	Coal		
2824.8	18	680.6	1.258	0.506	436	Coal		
2825.0	16	1192.6	1.239	0.464	439	Coal		
2825.2	16	787.4	1.236	0.430	426	Coal		
2825.4	23	356.7	1.239	0.442	417	Coal		
2825.6	38	205.4	1.300	0.499	440	Coal		
2825.8	57	165.0	1.433	0.561	465	Coal		
2826.0	72	152.0	1.664	0.531	463	Coal		
2826.2	87	104.6	1.923	0.429	435	Coal		
2826.4	92	100.2	1.936	0.382	368	Coal		

2826.6	76	114.7	1.549	0.393	356	Coal		
2826.8	44	293.3	1.318	0.434	365	Coal		
2827.0	24	1241.2	1.238	0.490	404	Coal		
2827.2	20	1358.6	1.249	0.534	420	Coal		
2827.4	37	174.3	1.438	0.506	438	Coal		
2827.6	67	66.7	1.902	0.457	451	Coal		
2827.8	98	38.3	2.374	0.337	402	Coal		
2828.0	119	32.7	2.535	0.219	338	0.608	0.010	0.991
2828.2	127	31.3	2.535	0.201	261	0.548	0.026	0.990
2828.4	133	33.0	2.535	0.240	234	0.675	0.000	0.991
2828.6	131	42.3	2.367	0.293	243	Coal		
2828.8	114	65.3	1.870	0.355	272	Coal		
2829.0	77	121.5	1.424	0.429	319	Coal		
2829.2	42	357.9	1.283	0.466	375	Coal		
2829.4	34	483.4	1.324	0.441	419	Coal		
2829.6	50	215.9	1.482	0.446	448	Coal		
2829.8	77	166.4	1.765	0.440	452	Coal		
2830.0	104	113.6	2.073	0.390	437	Coal		
2830.2	122	63.0	2.344	0.292	377	Coal		
2830.4	126	45.1	2.556	0.200	309	0.585	0.012	0.992
2830.6	122	24.0	2.556	0.181	272	0.524	0.025	0.991
2830.8	130	14.7	2.547	0.221	244	0.636	0.003	0.992
2831.0	142	12.1	2.503	0.286	258	0.759	0.000	0.994
2831.2	140	14.2	2.487	0.319	284	0.834	0.000	0.996
2831.4	135	22.7	2.492	0.323	296	0.856	0.000	0.996
2831.6	136	32.5	2.455	0.320	295	0.773	0.000	0.991
2831.8	137	46.9	2.435	0.299	292	0.669	0.000	0.978
2832.0	135	51.4	2.498	0.259	286	0.661	0.000	0.957
2832.2	127	41.4	2.565	0.198	265	0.599	0.008	0.929
2832.4	116	34.6	2.571	0.159	241	0.483	0.027	0.898
2832.6	107	31.5	2.569	0.152	228	0.456	0.033	0.868
2832.8	106	31.0	2.573	0.154	227	0.472	0.028	0.845
2833.0	107	32.2	2.559	0.155	228	0.448	0.040	0.834
2833.2	107	34.8	2.548	0.167	225	0.465	0.042	0.838
2833.4	108	37.7	2.548	0.176	228	0.495	0.035	0.856
2833.6	98	34.8	2.548	0.171	235	0.478	0.039	0.885
2833.8	82	34.7	2.352	0.187	245	Coal		
2834.0	68	44.9	1.976	0.286	262	Coal		
2834.2	61	63.3	1.656	0.370	308	Coal		
2834.4	71	85.8	1.760	0.349	363	Coal		
2834.6	102	78.5	2.199	0.291	368	Coal		
2834.8	129	26.9	2.285	0.293	329	Coal		
2835.0	124	23.6	1.902	0.347	295	Coal		
2835.2	96	26.5	1.575	0.429	331	Coal		
2835.4	74	46.8	1.590	0.449	380	Coal		
2835.6	87	61.0	2.005	0.386	394	Coal		
2835.8	117	24.3	2.367	0.353	351	Coal		
2836.0	137	11.4	2.473	0.335	315	0.856	0.000	1.000
2836.2	140	8.9	2.473	0.328	299	0.836	0.000	1.000
2836.4	141	4.5	2.435	0.358	298	0.858	0.000	1.000
2836.6	135	3.2	2.370	0.396	305	0.852	0.000	1.000
2836.8	123	3.0	2.385	0.409	325	0.922	0.000	1.000
2837.0	106	3.2	2.455	0.282	320	0.654	0.000	1.000
2837.2	80	4.6	2.452	0.145	284	0.209	0.109	1.000
2837.4	58	5.0	2.408	0.089	250	0.000	0.139	1.000
2837.6	51	5.0	2.391	0.086	242	0.000	0.143	1.000
2837.8	51	5.7	2.394	0.075	241	0.000	0.137	1.000
2838.0	56	6.5	2.399	0.065	239	0.000	0.131	1.000
2838.2	62	6.3	2.393	0.074	236	0.000	0.137	1.000

2838.4	61	6.1	2.384	0.088	238	0.000	0.147	1.000
2838.6	56	6.3	2.383	0.093	239	0.000	0.149	1.000
2838.8	54	6.5	2.407	0.088	239	0.000	0.139	1.000
2839.0	54	6.8	2.417	0.082	240	0.000	0.133	1.000
2839.2	57	6.3	2.410	0.074	239	0.000	0.131	1.000
2839.4	57	5.4	2.392	0.069	238	0.000	0.135	1.000
2839.6	53	4.9	2.386	0.088	241	0.000	0.146	1.000
2839.8	51	4.7	2.388	0.107	245	0.000	0.154	1.000
2840.0	56	5.2	2.437	0.103	250	0.046	0.126	1.000
2840.2	79	8.6	2.510	0.100	246	0.177	0.075	1.000
2840.4	109	17.0	2.542	0.141	243	0.370	0.051	1.000
2840.6	125	24.3	2.525	0.204	242	0.539	0.031	1.000
2840.8	124	26.0	2.514	0.226	252	0.589	0.019	0.988
2841.0	129	25.0	2.506	0.235	262	0.601	0.016	0.970
2841.2	130	21.5	2.488	0.248	263	0.609	0.015	0.969
2841.4	105	11.2	2.447	0.225	259	0.456	0.100	0.986
2841.6	73	6.9	2.401	0.171	254	0.193	0.140	1.000
2841.8	50	5.1	2.375	0.114	248	0.000	0.162	1.000
2842.0	48	5.0	2.372	0.084	247	0.000	0.149	1.000
2842.2	53	5.4	2.369	0.081	247	0.000	0.149	1.000
2842.4	55	5.6	2.377	0.080	244	0.000	0.146	1.000
2842.6	49	6.1	2.398	0.076	241	0.000	0.137	1.000
2842.8	42	6.6	2.410	0.075	236	0.000	0.132	1.000
2843.0	44	6.6	2.394	0.071	235	0.000	0.136	1.000
2843.2	48	6.9	2.365	0.068	235	0.000	0.144	1.000
2843.4	55	7.1	2.364	0.068	236	0.000	0.145	1.000
2843.6	61	7.7	2.389	0.087	240	0.000	0.144	1.000
2843.8	66	8.1	2.420	0.107	242	0.024	0.138	1.000
2844.0	60	7.2	2.410	0.110	243	0.016	0.145	1.000
2844.2	52	6.4	2.385	0.106	244	0.000	0.154	1.000
2844.4	50	6.0	2.383	0.103	244	0.000	0.154	1.000
2844.6	51	5.7	2.383	0.096	247	0.000	0.151	1.000
2844.8	51	4.9	2.368	0.095	247	0.000	0.156	1.000
2845.0	51	4.3	2.351	0.096	247	0.000	0.162	1.000
2845.2	50	4.3	2.346	0.094	248	0.000	0.163	1.000
2845.4	49	4.9	2.362	0.090	249	0.000	0.155	1.000
2845.6	55	5.6	2.386	0.094	248	0.000	0.149	1.000
2845.8	58	5.5	2.378	0.104	249	0.000	0.156	1.000
2846.0	54	5.0	2.363	0.099	250	0.000	0.159	1.000
2846.2	50	4.5	2.359	0.093	250	0.000	0.158	1.000
2846.4	49	4.2	2.367	0.091	251	0.000	0.155	1.000
2846.6	45	4.0	2.376	0.102	249	0.000	0.156	1.000
2846.8	46	4.1	2.375	0.106	249	0.000	0.158	1.000
2847.0	48	4.1	2.376	0.102	249	0.000	0.156	1.000
2847.2	50	3.9	2.386	0.104	249	0.000	0.153	1.000
2847.4	49	3.7	2.381	0.113	248	0.000	0.159	1.000
2847.6	48	3.2	2.365	0.121	249	0.000	0.168	1.000
2847.8	48	3.0	2.344	0.127	251	0.000	0.178	1.000
2848.0	49	2.9	2.333	0.129	253	0.000	0.183	1.000
2848.2	49	3.3	2.328	0.121	254	0.000	0.181	1.000
2848.4	48	3.7	2.334	0.101	249	0.000	0.171	1.000
2848.6	49	4.3	2.350	0.091	244	0.000	0.160	1.000
2848.8	52	4.8	2.364	0.086	241	0.000	0.153	1.000
2849.0	53	5.2	2.377	0.088	241	0.000	0.149	1.000
2849.2	53	5.7	2.398	0.086	241	0.000	0.141	1.000
2849.4	50	5.8	2.402	0.080	238	0.000	0.137	1.000
2849.6	47	5.7	2.411	0.080	236	0.000	0.134	1.000
2849.8	47	6.5	2.431	0.064	233	0.000	0.120	1.000
2850.0	47	7.8	2.446	0.049	227	0.000	0.107	1.000

2850.2	47	10.4	2.474	0.036	221	0.000	0.092	1.000
2850.4	44	11.7	2.503	0.028	214	0.000	0.078	1.000
2850.6	41	12.8	2.519	0.023	209	0.000	0.070	1.000
2850.8	39	13.0	2.510	0.021	205	0.000	0.073	1.000
2851.0	39	12.8	2.493	0.024	206	0.000	0.079	1.000
2851.2	39	12.8	2.486	0.026	206	0.000	0.083	1.000
2851.4	39	12.4	2.491	0.026	207	0.000	0.081	1.000
2851.6	39	12.3	2.497	0.028	209	0.000	0.080	1.000
2851.8	41	12.6	2.498	0.030	211	0.000	0.081	1.000
2852.0	45	13.9	2.498	0.024	211	0.000	0.078	1.000
2852.2	43	14.8	2.503	0.020	209	0.000	0.074	1.000
2852.4	41	15.4	2.503	0.022	208	0.000	0.076	1.000
2852.6	46	13.6	2.481	0.029	210	0.000	0.086	1.000
2852.8	52	8.9	2.444	0.053	218	0.000	0.110	1.000
2853.0	56	6.5	2.410	0.085	226	0.000	0.136	1.000
2853.2	59	4.9	2.386	0.102	238	0.000	0.152	1.000
2853.4	64	4.4	2.372	0.097	240	0.000	0.155	1.000
2853.6	63	4.3	2.367	0.085	242	0.000	0.152	1.000
2853.8	60	4.6	2.378	0.076	242	0.000	0.144	1.000
2854.0	60	5.3	2.404	0.063	237	0.000	0.128	1.000
2854.2	60	6.5	2.436	0.059	232	0.000	0.115	1.000
2854.4	54	8.5	2.448	0.080	226	0.000	0.121	1.000
2854.6	50	8.6	2.432	0.098	229	0.020	0.131	1.000
2854.8	49	7.4	2.415	0.100	236	0.000	0.141	1.000
2855.0	49	6.2	2.407	0.098	243	0.000	0.143	1.000
2855.2	61	6.5	2.427	0.111	245	0.051	0.132	1.000
2855.4	78	7.6	2.449	0.120	247	0.122	0.115	1.000
2855.6	79	8.8	2.444	0.123	243	0.121	0.118	1.000
2855.8	72	8.5	2.428	0.127	246	0.103	0.129	1.000
2856.0	65	7.0	2.393	0.125	251	0.030	0.154	0.971
2856.2	64	6.2	2.375	0.118	256	0.000	0.163	0.938
2856.4	71	6.2	2.391	0.127	258	0.271	0.145	0.909
2856.6	74	6.9	2.403	0.137	257	0.309	0.135	0.886
2856.8	70	7.3	2.323	0.143	257	0.268	0.142	0.874
2857.0	66	6.7	2.299	0.140	258	0.225	0.153	0.879
2857.2	65	6.5	2.703	0.120	258	0.213	0.155	0.904
2857.4	62	6.0	2.584	0.114	258	0.188	0.160	0.948
2857.6	58	5.6	2.386	0.111	258	0.147	0.168	1.000
2857.8	58	5.3	2.419	0.107	259	0.023	0.139	1.000
2858.0	74	6.1	2.472	0.109	255	0.134	0.101	1.000
2858.2	88	7.9	2.499	0.131	250	0.255	0.079	1.000
2858.4	94	10.1	2.505	0.152	246	0.334	0.074	1.000
2858.6	97	10.8	2.527	0.166	249	0.420	0.059	1.000
2858.8	92	10.9	2.514	0.154	252	0.356	0.068	1.000
2859.0	79	9.7	2.461	0.138	255	0.203	0.104	1.000
2859.2	76	8.6	2.429	0.124	259	0.097	0.129	1.000
2859.4	82	8.6	2.425	0.121	255	0.081	0.132	0.982
2859.6	83	9.4	2.439	0.127	251	0.124	0.121	0.964
2859.8	82	10.1	2.441	0.122	251	0.114	0.120	0.954
2860.0	83	10.4	2.441	0.117	252	0.099	0.121	0.950
2860.2	81	10.9	2.458	0.121	249	0.143	0.109	0.949
2860.4	84	11.6	2.471	0.129	245	0.194	0.098	0.949
2860.6	88	12.3	2.484	0.132	244	0.229	0.089	0.949
2860.8	89	11.8	2.475	0.135	247	0.220	0.094	0.950
2861.0	80	10.2	2.436	0.124	248	0.110	0.124	0.954
2861.2	69	8.4	2.405	0.111	248	0.008	0.148	0.962
2861.4	59	7.7	2.403	0.107	244	0.000	0.149	0.973
2861.6	60	7.3	2.411	0.109	245	0.013	0.144	0.988
2861.8	63	7.2	2.405	0.107	248	0.000	0.148	1.000

2862.0	61	7.1	2.381	0.099	251	0.000	0.153	1.000
2862.2	60	6.6	2.369	0.100	253	0.000	0.158	1.000
2862.4	66	6.4	2.405	0.107	259	0.000	0.148	1.000
2862.6	83	6.9	2.492	0.140	258	0.273	0.083	1.000
2862.8	108	7.2	2.576	0.207	263	0.650	0.000	1.000
2863.0	123	8.7	2.587	0.268	264	0.865	0.000	1.000
2863.2	125	10.6	2.566	0.268	268	0.824	0.000	1.000
2863.4	127	13.5	2.555	0.269	269	0.808	0.000	1.000
2863.6	130	17.2	2.552	0.276	272	0.823	0.000	1.000
2863.8	126	18.0	2.559	0.293	272	0.893	0.000	1.000
2864.0	124	14.3	2.572	0.308	274	0.966	0.000	1.000
2864.2	115	8.6	2.600	0.307	272	1.000	0.000	1.000
2864.4	88	5.7	2.632	0.255	258	0.913	0.000	1.000
2864.6	66	4.6	2.598	0.150	241	0.510	0.012	1.000
2864.8	54	4.6	2.517	0.082	233	0.133	0.074	1.000
2865.0	53	6.9	2.456	0.061	230	0.000	0.109	1.000
2865.2	56	10.2	2.438	0.056	224	0.000	0.113	1.000
2865.4	54	10.7	2.446	0.053	222	0.000	0.109	1.000
2865.6	52	10.0	2.459	0.055	223	0.000	0.106	1.000
2865.8	50	8.3	2.458	0.057	225	0.000	0.107	1.000
2866.0	48	6.4	2.439	0.062	231	0.000	0.116	1.000
2866.2	47	5.0	2.430	0.072	236	0.000	0.124	1.000
2866.4	48	4.5	2.418	0.085	237	0.000	0.133	1.000
2866.6	51	4.7	2.414	0.086	235	0.000	0.135	1.000
2866.8	53	5.2	2.428	0.071	233	0.000	0.124	1.000
2867.0	51	6.3	2.455	0.060	230	0.000	0.109	1.000
2867.2	48	7.8	2.463	0.056	228	0.000	0.105	1.000
2867.4	49	7.5	2.440	0.053	228	0.000	0.111	1.000
2867.6	53	7.5	2.428	0.053	227	0.000	0.116	1.000
2867.8	56	6.9	2.465	0.055	226	0.000	0.103	1.000
2868.0	57	7.7	2.506	0.055	223	0.025	0.086	1.000
2868.2	57	9.2	2.487	0.049	223	0.000	0.094	1.000
2868.4	59	11.0	2.464	0.047	224	0.000	0.100	1.000
2868.6	58	11.3	2.469	0.054	226	0.000	0.102	1.000
2868.8	57	11.3	2.473	0.063	224	0.000	0.105	1.000
2869.0	59	10.5	2.479	0.068	223	0.016	0.102	1.000
2869.2	57	9.1	2.480	0.063	222	0.000	0.103	1.000
2869.4	50	8.1	2.470	0.054	222	0.000	0.102	1.000
2869.6	44	6.9	2.443	0.058	222	0.000	0.113	1.000
2869.8	43	6.4	2.427	0.068	223	0.000	0.123	1.000
2870.0	44	6.0	2.427	0.069	225	0.000	0.123	1.000
2870.2	47	6.3	2.439	0.060	226	0.000	0.115	1.000
2870.4	54	7.8	2.460	0.057	223	0.000	0.106	1.000
2870.6	54	10.0	2.471	0.059	219	0.000	0.104	1.000
2870.8	53	10.9	2.470	0.059	218	0.000	0.104	1.000
2871.0	52	10.0	2.461	0.064	219	0.000	0.109	1.000
2871.2	49	7.3	2.442	0.080	221	0.000	0.123	1.000
2871.4	45	5.4	2.415	0.096	225	0.000	0.140	1.000
2871.6	48	4.6	2.394	0.094	229	0.000	0.146	1.000
2871.8	48	4.3	2.393	0.087	231	0.000	0.143	1.000
2872.0	44	4.4	2.396	0.074	230	0.000	0.136	1.000
2872.2	46	5.1	2.393	0.064	226	0.000	0.133	1.000
2872.4	54	5.8	2.400	0.064	225	0.000	0.130	1.000
2872.6	57	6.2	2.409	0.075	224	0.000	0.132	1.000
2872.8	55	5.9	2.398	0.085	225	0.000	0.141	1.000
2873.0	50	5.0	2.388	0.086	227	0.000	0.144	1.000
2873.2	46	4.9	2.394	0.082	226	0.000	0.141	1.000
2873.4	47	5.1	2.421	0.072	224	0.000	0.127	1.000
2873.6	49	5.7	2.425	0.068	224	0.000	0.124	1.000

2873.8	46	5.8	2.418	0.071	225	0.000	0.127	1.000
2874.0	47	5.7	2.425	0.065	224	0.000	0.122	1.000
2874.2	51	6.2	2.432	0.059	221	0.000	0.117	1.000
2874.4	51	5.9	2.421	0.071	223	0.000	0.126	1.000
2874.6	51	5.3	2.407	0.086	225	0.000	0.138	1.000
2874.8	50	5.1	2.404	0.085	231	0.000	0.138	1.000
2875.0	46	5.2	2.418	0.069	230	0.000	0.126	1.000
2875.2	45	5.9	2.428	0.058	228	0.000	0.118	1.000
2875.4	46	6.1	2.429	0.057	227	0.000	0.117	1.000
2875.6	48	5.8	2.427	0.066	226	0.000	0.122	1.000
2875.8	49	5.3	2.414	0.075	228	0.000	0.131	1.000
2876.0	50	4.3	2.393	0.087	232	0.000	0.143	1.000
2876.2	51	3.6	2.364	0.098	239	0.000	0.159	1.000
2876.4	51	3.5	2.360	0.096	241	0.000	0.159	1.000
2876.6	53	3.7	2.391	0.077	241	0.000	0.139	1.000
2876.8	55	4.8	2.420	0.068	235	0.000	0.125	1.000
2877.0	57	5.9	2.429	0.068	231	0.000	0.122	1.000
2877.2	53	6.4	2.427	0.069	227	0.000	0.124	1.000
2877.4	53	6.4	2.411	0.066	230	0.000	0.127	1.000
2877.6	56	6.3	2.389	0.070	232	0.000	0.137	1.000
2877.8	57	6.2	2.383	0.079	236	0.000	0.143	1.000
2878.0	56	5.5	2.385	0.079	238	0.000	0.142	1.000
2878.2	53	5.2	2.391	0.077	239	0.000	0.139	1.000
2878.4	51	4.9	2.394	0.081	241	0.000	0.140	1.000
2878.6	50	5.0	2.402	0.086	241	0.000	0.139	1.000
2878.8	53	5.4	2.415	0.080	238	0.000	0.132	1.000
2879.0	58	5.9	2.431	0.076	236	0.000	0.125	1.000
2879.2	62	6.4	2.420	0.109	240	Coal		
2879.4	65	7.8	2.267	0.243	277	Coal		
2879.6	73	12.6	1.831	0.401	317	Coal		
2879.8	93	21.8	1.713	0.433	359	Coal		
2880.0	119	27.4	1.980	0.313	349	Coal		
2880.2	131	23.4	2.458	0.216	296	Coal		
2880.4	123	19.5	2.520	0.177	241	0.444	0.063	0.900
2880.6	122	20.6	2.507	0.168	242	0.392	0.071	0.880
2880.8	119	19.4	2.507	0.156	243	0.352	0.072	0.866
2881.0	122	19.0	2.503	0.154	240	0.337	0.075	0.858
2881.2	137	19.7	2.525	0.165	239	0.414	0.061	0.851
2881.4	141	21.9	2.537	0.179	240	0.484	0.043	0.843
2881.6	135	23.7	2.519	0.173	238	0.428	0.064	0.833
2881.8	118	24.2	2.509	0.150	239	0.336	0.072	0.824
2882.0	104	21.7	2.491	0.144	239	0.280	0.084	0.821
2882.2	90	18.0	2.445	0.146	248	0.198	0.114	0.827
2882.4	83	14.3	2.403	0.151	262	0.132	0.143	0.841
2882.6	82	13.0	2.402	0.144	267	0.109	0.144	0.861
2882.8	88	13.6	2.434	0.136	263	0.145	0.123	0.879
2883.0	88	14.4	2.467	0.143	255	0.232	0.099	0.893
2883.2	92	13.9	2.479	0.158	254	0.301	0.090	0.903
2883.4	103	14.4	2.450	0.200	256	0.381	0.105	0.912
2883.6	119	16.2	2.391	0.274	264	0.504	0.098	0.924
2883.8	128	17.3	2.375	0.338	285	0.679	0.000	0.940
2884.0	135	16.7	2.402	0.340	296	0.737	0.000	0.959
2884.2	143	12.2	2.441	0.325	311	0.766	0.000	0.977
2884.4	146	12.1	2.492	0.340	303	0.915	0.000	0.990
2884.6	147	11.9	2.562	0.320	293	0.986	0.000	0.997
2884.8	139	13.6	2.576	0.269	280	0.849	0.000	0.999
2885.0	131	17.6	2.568	0.242	260	0.745	0.000	0.999
2885.2	128	20.0	2.580	0.225	250	0.717	0.000	0.996
2885.4	126	19.5	2.605	0.224	245	0.760	0.000	0.992

2885.6	120	17.5	2.600	0.217	248	0.728	0.000	0.987
2885.8	110	17.5	2.555	0.203	253	0.595	0.011	0.984
2886.0	111	19.2	2.511	0.214	259	0.546	0.034	0.982
2886.2	123	22.7	2.520	0.233	264	0.625	0.007	0.981
2886.4	132	22.9	2.534	0.233	266	0.652	0.000	0.978
2886.6	134	20.7	2.544	0.239	263	0.692	0.000	0.972
2886.8	136	20.5	2.554	0.229	253	0.678	0.000	0.963
2887.0	130	20.2	2.532	0.212	246	0.581	0.018	0.955
2887.2	114	15.7	2.471	0.198	248	0.416	0.092	0.956
2887.4	93	10.4	2.396	0.170	257	0.179	0.144	0.969
2887.6	84	9.7	2.397	0.140	265	0.085	0.149	0.993
2887.8	86	9.2	2.434	0.139	268	0.154	0.122	1.000
2888.0	93	10.4	2.461	0.151	262	0.245	0.102	1.000
2888.2	98	12.8	2.485	0.161	258	0.324	0.086	1.000
2888.4	91	12.5	2.489	0.173	260	0.372	0.083	1.000
2888.6	73	11.0	2.437	0.157	258	0.218	0.117	1.000
2888.8	64	8.4	2.403	0.122	259	0.040	0.148	1.000
2889.0	65	8.2	2.406	0.109	253	0.002	0.148	1.000
2889.2	66	9.1	2.430	0.101	249	0.025	0.132	1.000
2889.4	64	10.8	2.453	0.099	242	0.064	0.116	1.000
2889.6	66	13.2	2.466	0.086	236	0.049	0.108	1.000
2889.8	66	14.3	2.486	0.077	231	0.056	0.096	1.000
2890.0	64	14.4	2.486	0.079	227	0.062	0.096	1.000
2890.2	69	14.6	2.480	0.087	226	0.076	0.099	1.000
2890.4	81	15.3	2.497	0.105	230	0.169	0.084	1.000
2890.6	98	16.7	2.522	0.150	236	0.361	0.064	1.000
2890.8	113	17.9	2.507	0.189	241	0.456	0.068	0.947
2891.0	108	18.6	2.450	0.185	246	0.333	0.107	0.893
2891.2	92	18.8	2.408	0.166	249	0.192	0.136	0.861
2891.4	86	18.0	2.390	0.159	259	0.133	0.150	0.858
2891.6	84	16.4	2.391	0.146	264	0.094	0.152	0.882
2891.8	80	15.3	2.424	0.118	262	0.066	0.134	0.927
2892.0	74	12.8	2.432	0.098	255	0.021	0.131	0.980
2892.2	69	9.7	2.418	0.096	246	0.000	0.139	1.000
2892.4	64	8.1	2.391	0.097	244	0.000	0.148	1.000
2892.6	59	8.0	2.376	0.095	249	0.000	0.153	1.000
2892.8	60	8.8	2.385	0.092	248	0.000	0.148	1.000
2893.0	63	9.5	2.392	0.094	247	0.000	0.147	1.000
2893.2	63	9.2	2.392	0.101	245	0.000	0.150	1.000
2893.4	63	8.5	2.394	0.100	242	0.000	0.149	1.000
2893.6	59	7.8	2.397	0.097	242	0.000	0.146	1.000
2893.8	53	8.2	2.399	0.094	242	0.000	0.144	1.000
2894.0	54	8.4	2.412	0.088	241	0.000	0.137	1.000
2894.2	56	9.7	2.426	0.087	239	0.000	0.132	1.000
2894.4	54	10.7	2.432	0.092	240	0.000	0.132	1.000
2894.6	50	9.5	2.421	0.088	240	0.000	0.134	1.000
2894.8	57	9.6	2.421	0.079	240	0.000	0.130	1.000
2895.0	71	11.6	2.449	0.069	235	0.000	0.115	1.000
2895.2	85	14.3	2.464	0.070	230	0.000	0.111	1.000
2895.4	100	15.2	2.448	0.101	236	0.061	0.119	1.000
2895.6	104	14.5	2.437	0.142	244	0.171	0.120	1.000
2895.8	91	12.9	2.455	0.146	243	0.220	0.106	1.000
2896.0	74	12.1	2.455	0.107	238	0.092	0.113	1.000
2896.2	70	11.4	2.423	0.062	233	0.000	0.121	1.000
2896.4	77	10.5	2.387	0.064	233	0.000	0.135	1.000
2896.6	86	10.4	2.390	0.100	236	0.000	0.150	1.000
2896.8	92	10.6	2.415	0.138	243	0.114	0.137	0.987
2897.0	96	11.1	2.421	0.153	247	0.174	0.130	0.955
2897.2	89	12.4	2.431	0.150	248	0.185	0.123	0.934

2897.4	77	13.6	2.416	0.144	246	0.136	0.135	0.932
2897.6	65	14.7	2.401	0.117	238	0.019	0.150	0.953
2897.8	57	15.8	2.439	0.087	232	0.000	0.127	0.992
2898.0	55	14.8	2.448	0.069	232	0.000	0.116	1.000
2898.2	56	13.5	2.454	0.070	232	0.000	0.114	1.000
2898.4	55	12.6	2.465	0.067	232	0.000	0.109	1.000
2898.6	54	12.9	2.471	0.069	231	0.000	0.108	1.000
2898.8	52	12.8	2.466	0.069	230	0.000	0.110	1.000
2899.0	53	12.1	2.458	0.068	232	0.000	0.112	1.000
2899.2	55	11.6	2.461	0.082	231	0.026	0.113	1.000
2899.4	67	12.1	2.477	0.107	232	0.135	0.098	1.000
2899.6	92	13.7	2.518	0.142	232	0.327	0.067	1.000
2899.8	112	16.6	2.548	0.191	236	0.545	0.023	1.000
2900.0	119	19.4	2.551	0.205	242	0.598	0.011	0.999
2900.2	125	20.7	2.523	0.191	245	0.496	0.046	0.975
2900.4	117	20.0	2.501	0.177	245	0.408	0.075	0.977
2900.6	97	17.2	2.491	0.153	243	0.310	0.083	1.000
2900.8	71	12.5	2.475	0.107	242	0.132	0.099	1.000
2901.0	56	10.7	2.475	0.078	240	0.039	0.104	1.000
2901.2	53	10.9	2.475	0.069	241	0.010	0.105	1.000
2901.4	57	10.2	2.388	0.090	238	Coal		
2901.6	65	8.8	2.096	0.196	283	Coal		
2901.8	87	10.2	1.920	0.305	327	Coal		
2902.0	114	13.8	2.053	0.322	337	Coal		
2902.2	123	25.4	2.410	0.293	321	Coal		
2902.4	126	24.6	2.532	0.267	274	0.757	0.000	1.000
2902.6	134	27.9	2.532	0.243	256	0.682	0.000	0.997
2902.8	144	32.5	2.532	0.228	251	0.632	0.005	0.990
2903.0	149	32.5	2.501	0.208	247	1.000	0.000	0.974
2903.2	138	29.0	2.422	0.175	250	1.000	0.000	0.950
2903.4	97	23.7	2.321	0.141	252	0.590	0.022	0.918
2903.6	68	20.9	2.287	0.128	254	0.242	0.142	0.882
2903.8	63	19.4	2.284	0.130	259	0.196	0.160	0.851
2904.0	64	19.7	2.324	0.133	260	0.201	0.162	0.827
2904.2	67	21.0	2.342	0.141	258	0.237	0.150	0.816
2904.4	72	21.7	2.209	0.156	256	0.284	0.137	0.814
2904.6	76	23.2	2.129	0.171	255	0.333	0.127	0.818
2904.8	87	27.1	2.258	0.177	253	0.461	0.094	0.823
2905.0	96	31.2	2.407	0.163	251	0.575	0.027	0.825
2905.2	94	30.6	2.382	0.136	250	0.540	0.043	0.823
2905.4	84	28.3	2.428	0.115	252	0.418	0.105	0.818
2905.6	80	27.1	2.507	0.112	246	0.380	0.100	0.811
2905.8	86	28.6	2.502	0.123	241	0.234	0.078	0.805
2906.0	93	30.0	2.484	0.131	234	0.227	0.089	0.802
2906.2	99	29.6	2.471	0.142	237	0.235	0.097	0.800
2906.4	97	29.3	2.468	0.145	240	0.240	0.098	0.800
2906.6	90	28.9	2.483	0.137	239	0.242	0.089	0.800
2906.8	90	28.5	2.483	0.142	236	0.261	0.089	0.800
2907.0	107	31.2	2.478	0.172	239	0.347	0.090	0.800
2907.2	119	36.6	2.444	0.199	244	0.367	0.109	0.800
2907.4	104	35.0	2.340	0.186	253	0.123	0.181	0.800
2907.6	78	23.0	2.221	0.148	260	0.000	0.233	0.800
2907.8	60	15.3	2.193	0.131	259	0.000	0.237	0.800
2908.0	53	13.3	2.231	0.128	259	0.000	0.221	0.800
2908.2	51	13.4	2.281	0.122	259	0.000	0.199	0.800
2908.4	49	13.6	2.313	0.111	251	0.000	0.183	0.800
2908.6	47	12.5	2.319	0.116	250	0.000	0.183	0.800
2908.8	50	11.6	2.333	0.118	250	0.000	0.178	0.800
2909.0	56	13.9	2.342	0.112	251	0.000	0.172	0.800

2909.2	65	19.5	2.378	0.110	245	0.000	0.159	0.800
2909.4	78	28.5	2.463	0.115	238	0.135	0.106	0.800
2909.6	82	31.2	2.407	0.122	232	0.048	0.145	0.800
2909.8	75	29.7	2.258	0.138	236	0.000	0.215	0.800
2910.0	78	28.1	2.279	0.169	245	0.000	0.220	0.800
2910.2	92	28.5	2.429	0.195	252	0.326	0.119	0.800
2910.4	100	30.8	2.523	0.186	246	0.478	0.052	0.800
2910.6	100	33.8	2.535	0.161	240	0.421	0.055	0.800
2910.8	96	35.4	2.527	0.155	234	0.388	0.061	0.800
2911.0	89	35.5	2.507	0.154	233	0.346	0.073	0.802
2911.2	83	34.0	2.454	0.138	233	0.191	0.109	0.806
2911.4	86	32.3	2.443	0.123	233	0.121	0.119	0.813
2911.6	92	31.5	2.491	0.128	232	0.230	0.085	0.824
2911.8	100	28.8	2.536	0.138	230	0.350	0.056	0.838
2912.0	113	29.5	2.569	0.146	228	0.441	0.035	0.858
2912.2	120	31.6	2.567	0.154	228	0.464	0.033	0.881
2912.4	117	33.0	2.564	0.162	228	0.483	0.031	0.908
2912.6	119	37.1	2.577	0.171	232	0.538	0.016	0.935
2912.8	121	33.2	2.595	0.173	234	0.577	0.006	0.959
2913.0	121	29.7	2.582	0.173	234	Coal		
2913.2	124	29.2	2.549	0.180	237	Coal		
2913.4	122	31.3	2.437	0.219	244	Coal		
2913.6	117	37.9	2.328	0.272	277	Coal		
2913.8	123	38.6	2.391	0.288	282	Coal		
2914.0	127	36.8	2.536	0.243	276	Coal		
2914.2	122	30.0	2.567	0.193	242	Coal		
2914.4	121	28.0	2.567	0.189	233	0.576	0.012	1.000
2914.6	126	28.8	2.356	0.216	240	Coal		
2914.8	118	27.4	2.166	0.216	253	Coal		
2915.0	97	23.2	2.170	0.175	261	Coal		
2915.2	87	22.2	2.328	0.158	260	Coal		
2915.4	91	25.7	2.565	0.169	249	0.509	0.025	0.991
2915.6	98	28.1	2.565	0.156	238	0.594	0.012	0.985
2915.8	102	29.1	2.520	0.146	231	0.653	0.000	0.972
2916.0	104	26.2	2.456	0.140	229	0.671	0.000	0.955
2916.2	94	24.9	2.350	0.139	231	0.543	0.020	0.937
2916.4	82	23.6	2.213	0.127	233	0.403	0.068	0.922
2916.6	77	22.1	2.123	0.128	237	0.338	0.089	0.913
2916.8	95	24.9	2.173	0.157	244	0.560	0.027	0.908
2917.0	125	31.4	2.411	0.194	248	0.942	0.000	0.903
2917.2	142	35.0	2.552	0.191	246	1.000	0.000	0.896
2917.4	140	30.4	2.539	0.169	238	0.458	0.050	0.885
2917.6	120	26.7	2.528	0.150	236	0.374	0.060	0.875
2917.8	104	25.4	2.524	0.135	235	0.317	0.064	0.871
2918.0	96	24.7	2.520	0.131	232	0.295	0.067	0.876
2918.2	92	27.3	2.515	0.120	229	0.253	0.070	0.884
2918.4	87	26.1	2.478	0.128	228	0.462	0.042	0.889
2918.6	86	24.8	2.387	0.135	220	0.446	0.027	0.885
2918.8	82	23.3	2.333	0.125	233	0.402	0.067	0.871
2919.0	73	19.3	2.352	0.121	248	0.292	0.121	0.851
2919.2	65	18.4	2.347	0.131	246	0.217	0.131	0.830
2919.4	63	18.4	2.373	0.137	248	0.193	0.139	0.814
2919.6	70	20.3	2.441	0.133	249	0.263	0.128	0.805
2919.8	73	21.5	2.446	0.121	243	0.301	0.109	0.803
2920.0	72	22.4	2.368	0.123	237	0.284	0.098	0.805
2920.2	72	21.7	2.392	0.130	236	0.290	0.095	0.809
2920.4	76	19.7	2.436	0.133	236	0.327	0.089	0.813
2920.6	79	16.9	2.402	0.138	237	0.363	0.084	0.816
2920.8	87	17.1	2.399	0.153	239	0.452	0.070	0.819

2921.0	92	17.7	2.429	0.173	246	0.521	0.047	0.824
2921.2	93	18.6	2.480	0.176	254	0.528	0.054	0.833
2921.4	90	22.7	2.523	0.147	251	0.495	0.068	0.846
2921.6	87	26.6	2.570	0.138	235	0.463	0.056	0.860
2921.8	87	30.8	2.619	0.149	227	0.551	0.002	0.871
2922.0	92	32.8	2.609	0.155	224	0.547	0.005	0.878
2922.2	100	30.7	2.555	0.161	226	0.461	0.041	0.882
2922.4	110	29.0	2.535	0.164	232	0.433	0.055	0.890
2922.6	116	29.4	2.548	0.170	230	0.478	0.040	0.902
2922.8	124	28.9	2.565	0.191	230	0.579	0.012	0.916
2923.0	132	27.2	2.557	0.196	229	0.580	0.013	0.926
2923.2	124	28.5	2.532	0.207	231	0.566	0.022	0.925
2923.4	117	29.2	2.532	0.210	241	0.576	0.020	0.912
2923.6	119	31.0	2.522	0.191	247	0.497	0.046	0.897
2923.8	116	29.0	2.447	0.170	245	0.280	0.110	0.891
2924.0	104	27.7	2.420	0.173	235	0.235	0.127	0.901
2924.2	99	20.2	2.499	0.175	237	0.398	0.077	0.925
2924.4	109	14.4	2.548	0.174	241	0.490	0.037	0.956
2924.6	120	12.3	2.567	0.184	242	0.559	0.015	0.982
2924.8	120	11.8	2.552	0.202	233	0.589	0.013	0.999
2925.0	121	15.2	2.491	0.250	228	0.891	0.000	1.000
2925.2	125	21.6	2.407	0.291	247	0.940	0.000	0.995
2925.4	126	29.3	2.387	0.248	260	0.954	0.000	0.979
2925.6	121	31.5	2.330	0.176	266	0.901	0.000	0.960
2925.8	105	26.8	2.246	0.141	247	0.683	0.000	0.942
2926.0	89	24.6	2.319	0.136	239	0.487	0.054	0.930
2926.2	91	22.6	2.407	0.145	243	0.505	0.051	0.930
2926.4	96	24.8	2.452	0.172	245	0.571	0.024	0.939
2926.6	100	29.1	2.521	0.190	237	0.617	0.006	0.954
2926.8	113	38.8	2.476	0.194	236	0.787	0.000	0.965
2927.0	123	46.8	2.321	0.208	237	0.916	0.000	0.963
2927.2	114	39.4	2.229	0.186	239	0.808	0.000	0.949
2927.4	96	32.0	2.231	0.144	243	0.575	0.022	0.927
2927.6	78	26.0	2.207	0.133	245	0.353	0.102	0.908
2927.8	75	24.7	2.234	0.138	255	0.313	0.131	0.898
2928.0	89	26.1	2.413	0.148	254	0.478	0.084	0.901
2928.2	106	31.6	2.639	0.169	250	0.702	0.000	0.913
2928.4	115	35.9	2.667	0.201	238	0.823	0.000	0.928
2928.6	126	42.0	2.581	0.223	226	0.955	0.000	0.943
2928.8	127	46.1	2.475	0.237	239	0.551	0.042	0.955
2929.0	127	44.2	2.477	0.258	259	0.623	0.011	0.965
2929.2	123	39.6	2.560	0.237	258	0.718	0.000	0.975
2929.4	122	34.4	2.588	0.205	249	0.670	0.000	0.985
2929.6	119	32.8	2.566	0.194	230	0.589	0.010	0.993
2929.8	113	34.8	2.544	0.200	233	0.566	0.020	0.997
2930.0	113	36.8	2.538	0.204	244	0.569	0.020	0.997
2930.2	120	35.9	2.553	0.209	249	0.883	0.000	0.990
2930.4	125	35.0	2.550	0.192	246	0.944	0.000	0.974
2930.6	117	31.0	2.520	0.172	241	0.843	0.000	0.950
2930.8	102	26.8	2.449	0.146	236	0.646	0.000	0.918
2931.0	86	24.3	2.355	0.126	235	0.450	0.064	0.883
2931.2	81	21.8	2.336	0.137	236	0.390	0.077	0.853
2931.4	79	20.0	2.339	0.155	252	0.359	0.117	0.834
2931.6	70	19.3	2.337	0.164	273	0.263	0.174	0.833
2931.8	70	20.6	2.372	0.171	268	0.264	0.165	0.851
2932.0	80	24.9	2.437	0.179	253	0.375	0.116	0.885
2932.2	95	29.6	2.536	0.172	239	0.556	0.025	0.932
2932.4	100	29.4	2.581	0.154	230	0.625	0.002	0.984
2932.6	98	24.6	2.562	0.143	222	0.419	0.040	1.000

2932.8	93	19.4	2.538	0.137	225	0.352	0.055	1.000
2933.0	91	16.4	2.538	0.129	226	0.326	0.056	1.000
2933.2	92	12.4	2.538	0.178	230	0.483	0.044	1.000
2933.4	97	12.4	2.505	0.269	252	Coal		
2933.6	99	16.9	2.293	0.391	302	Coal		
2933.8	108	27.8	2.060	0.444	333	Coal		
2934.0	114	27.1	2.081	0.410	353	Coal		
2934.2	112	24.5	2.345	0.291	332	Coal		
2934.4	95	25.3	2.524	0.177	267	0.455	0.060	0.926
2934.6	77	23.1	2.524	0.121	240	0.273	0.065	0.903
2934.8	72	22.4	2.482	0.105	235	0.138	0.095	0.882
2935.0	76	23.5	2.468	0.107	233	0.117	0.105	0.864
2935.2	80	25.1	2.500	0.113	233	0.199	0.081	0.849
2935.4	80	26.3	2.502	0.114	226	0.207	0.079	0.837
2935.6	85	27.0	2.484	0.112	228	0.168	0.092	0.828
2935.8	90	26.1	2.494	0.116	228	0.199	0.085	0.823
2936.0	94	26.0	2.513	0.128	230	0.276	0.071	0.824
2936.2	92	21.4	2.456	0.154	231	0.247	0.105	0.835
2936.4	85	16.5	2.438	0.163	238	0.238	0.116	0.860
2936.6	71	12.6	2.399	0.154	245	0.134	0.145	0.899
2936.8	55	10.4	2.397	0.144	247	0.098	0.148	0.947
2937.0	48	9.4	2.419	0.128	249	0.089	0.136	0.996
2937.2	49	9.1	2.424	0.111	255	0.044	0.135	1.000
2937.4	51	8.9	2.418	0.113	257	0.042	0.138	1.000
2937.6	48	8.9	2.417	0.123	250	0.069	0.138	1.000
2937.8	50	9.7	2.421	0.124	253	0.081	0.134	1.000
2938.0	64	12.6	2.440	0.131	252	0.140	0.120	1.000
2938.2	83	16.9	2.403	0.158	251	0.154	0.142	0.979
2938.4	92	24.0	2.710	0.174	242	0.808	0.000	0.964
2938.6	97	27.3	2.830	0.180	235	1.000	0.000	0.951
2938.8	103	29.3	2.992	0.174	230	1.000	0.000	0.935
2939.0	103	32.9	3.015	0.174	229	1.000	0.000	0.914
2939.2	104	33.3	2.541	0.165	224	0.448	0.051	0.894
2939.4	109	32.3	2.545	0.163	224	0.450	0.049	0.886
2939.6	117	36.2	2.549	0.174	223	0.493	0.036	0.899
2939.8	117	32.1	2.553	0.178	225	0.515	0.029	0.934
2940.0	95	23.1	2.557	0.168	249	0.488	0.034	0.983
2940.2	72	16.2	2.560	0.151	264	0.442	0.041	1.000
2940.4	76	14.8	2.564	0.153	256	0.456	0.037	1.000
2940.6	95	17.8	2.568	0.166	242	0.503	0.026	1.000
2940.8	100	21.1	2.572	0.155	227	0.477	0.029	1.000
2941.0	103	24.5	2.560	0.142	223	0.409	0.041	1.000
2941.2	113	23.2	2.550	0.150	226	0.419	0.047	0.963
2941.4	120	25.3	2.548	0.163	226	0.456	0.046	0.930
2941.6	123	27.8	2.551	0.171	226	0.487	0.037	0.914
2941.8	125	26.6	2.556	0.172	225	0.500	0.031	0.915
2942.0	112	26.5	2.563	0.179	226	0.537	0.021	0.929
2942.2	98	26.6	2.563	0.170	223	0.506	0.027	0.950
2942.4	99	29.5	2.589	0.171	213	0.561	0.010	0.969
2942.6	99	38.2	2.661	0.167	206	0.691	0.000	0.984
2942.8	103	47.4	2.693	0.160	205	0.729	0.000	0.993
2943.0	112	45.0	2.629	0.176	205	0.654	0.000	0.997
2943.2	124	33.0	2.593	0.198	205	0.655	0.000	0.997
2943.4	134	27.7	2.595	0.212	206	0.704	0.000	0.991
2943.6	139	26.9	2.599	0.224	206	0.752	0.000	0.978
2943.8	139	26.0	2.591	0.231	205	0.758	0.000	0.957
2944.0	144	29.0	2.545	0.231	206	0.671	0.000	0.928
2944.2	135	31.0	2.514	0.214	206	0.553	0.031	0.895
2944.4	113	32.6	2.518	0.165	205	0.403	0.066	0.864

2944.6	104	30.1	2.522	0.133	206	0.308	0.065	0.839
2944.8	107	26.7	2.526	0.133	205	0.317	0.063	0.822
2945.0	111	26.7	2.530	0.145	205	0.362	0.060	0.812
2945.2	110	30.5	2.534	0.145	206	0.370	0.057	0.807
2945.4	108	35.2	2.538	0.146	206	0.381	0.055	0.806
2945.6	111	36.8	2.536	0.146	205	0.378	0.056	0.812
2945.8	113	36.4	2.535	0.156	206	0.408	0.056	0.826
2946.0	112	30.9	2.533	0.178	206	0.476	0.049	0.851
2946.2	106	23.8	2.531	0.176	206	0.462	0.053	0.886
2946.4	108	18.1	2.529	0.164	205	0.421	0.059	0.925
2946.6	112	14.9	2.527	0.181	206	0.472	0.053	0.964
2946.8	114	13.8	2.525	0.193	205	0.506	0.042	0.996
2947.0	112	13.8	2.523	0.203	206	0.536	0.034	1.000
2947.2	110	13.9	2.521	0.186	206	0.478	0.053	1.000
2947.4	111	13.5	2.520	0.174	206	0.437	0.064	1.000
2947.6	117	13.2	2.518	0.194	206	0.496	0.049	1.000
2947.8	117	16.0	2.516	0.217	206	0.568	0.026	1.000
2948.0	113	18.9	2.514	0.247	206	0.659	0.000	0.995
2948.2	110	27.5	2.512	0.256	206	0.687	0.000	0.980
2948.4	112	34.2	2.510	0.225	206	0.583	0.022	0.969
2948.6	116	24.8	2.508	0.213	206	0.539	0.038	0.965
2948.8	112	23.2	2.508	0.236	206	0.615	0.011	0.968
2949.0	112	23.7	2.508	0.271	205	0.728	0.000	0.975
2949.2	114	36.0	2.459	0.296	205	Coal		
2949.4	118	54.6	2.174	0.374	205	Coal		
2949.6	117	51.3	1.856	0.363	205	Coal		
2949.8	112	45.2	1.947	0.245	205	Coal		
2950.0	108	29.8	2.442	0.164	205	Coal		
2950.2	111	28.2	Nul	0.154	205	Nul	0.000	1.000
2950.4	112	26.1	Nul	0.152	205	Nul	0.000	1.000
2950.6	113	23.8	Nul	0.169	205	Nul	0.000	1.000
2950.8	111	22.1	Nul	0.182	205	Nul	0.000	1.000
2951.0	106	21.4	Nul	0.172	205	Nul	0.000	1.000
2951.2	103	25.0	Nul	0.156	205	Nul	0.000	1.000
2951.4	103	32.0	Nul	0.164	205	Nul	0.000	1.000
2951.6	103	36.2	Nul	0.177	205	Nul	0.000	1.000
2951.8	103	42.8	Nul	0.233	205	Nul	0.000	1.000
2952.0	103	50.0	Nul	0.256	205	Nul	0.000	1.000
2952.2	103	44.5	Nul	0.199	205	Nul	0.000	1.000
2952.4	103	37.3	Nul	0.138	205	Nul	0.000	1.000
2952.6	103	27.0	Nul	0.143	205	Nul	0.000	1.000
2952.8	103	23.6	Nul	0.147	205	Nul	0.000	1.000
2953.0	103	22.7	Nul	0.154	205	Nul	0.000	1.000
2953.2	103	23.6	Nul	0.168	205	Nul	0.000	1.000
2953.4	103	27.3	Nul	0.186	205	Nul	0.000	1.000
2953.6	103	31.8	Nul	0.192	205	Nul	0.000	1.000
2953.8	103	36.7	Nul	0.185	205	Nul	0.000	1.000
2954.0	103	38.5	Nul	0.176	205	Nul	0.000	1.000
2954.2	103	32.0	Nul	0.170	205	Nul	0.000	1.000
2954.4	103	28.1	Nul	0.177	205	Nul	0.000	1.000
2954.6	103	27.3	Nul	0.185	205	Nul	0.000	1.000
2954.8	103	28.7	Nul	0.186	205	Nul	0.000	1.000
2955.0	103	31.1	Nul	0.174	205	Nul	0.000	1.000
2955.2	103	32.1	Nul	0.168	205	Nul	0.000	1.000
2955.4	103	32.7	Nul	0.174	205	Nul	0.000	1.000
2955.6	103	33.0	Nul	0.193	205	Nul	0.000	1.000
2955.8	103	30.5	Nul	0.188	205	Nul	0.000	1.000
2956.0	103	28.5	Nul	0.166	205	Nul	0.000	1.000
2956.2	103	27.6	Nul	0.170	205	Nul	0.000	1.000

2956.4	103	28.1	Nul	0.182	205	Nul	0.000	1.000
2956.6	103	29.0	Nul	0.178	205	Nul	0.000	1.000
2956.8	103	25.8	Nul	0.185	205	Nul	0.000	1.000
2957.0	103	25.2	Nul	0.192	205	Nul	0.000	1.000
2957.2	103	24.9	Nul	0.183	205	Nul	0.000	1.000
2957.4	103	27.2	Nul	0.186	205	Nul	0.000	1.000
2957.6	103	30.3	Nul	0.192	205	Nul	0.000	1.000
2957.8	103	33.6	Nul	0.186	205	Nul	0.000	1.000
2958.0	103	38.7	Nul	0.182	205	Nul	0.000	1.000
2958.2	103	40.2	Nul	0.174	205	Nul	0.000	1.000
2958.4	103	34.5	Nul	0.171	205	Nul	0.000	1.000
2958.6	103	27.2	Nul	0.175	205	Nul	0.000	1.000
2958.8	103	23.5	Nul	0.171	205	Nul	0.000	1.000
2959.0	103	23.1	Nul	0.173	205	Nul	0.000	1.000
2959.2	103	31.0	Nul	0.181	205	Nul	0.000	1.000
2959.4	103	33.0	Nul	0.179	205	Nul	0.000	1.000
2959.6	103	25.9	Nul	0.176	205	Nul	0.000	1.000
2959.8	103	20.3	Nul	0.174	205	Nul	0.000	1.000
2960.0	103	25.2	Nul	0.174	205	Nul	0.000	1.000
2960.2	103	36.3	Nul	0.174	205	Nul	0.000	1.000
2960.4	103	38.2	Nul	0.174	205	Nul	0.000	1.000
2960.6	103	40.0	Nul	0.174	205	Nul	0.000	1.000
2960.8	103	44.7	Nul	0.174	205	Nul	0.000	1.000
2961.0	103	39.8	Nul	0.174	205	Nul	0.000	1.000
2961.2	103	30.4	Nul	0.174	205	Nul	0.000	1.000
2961.4	103	22.0	Nul	0.174	205	Nul	0.000	1.000
2961.6	103	21.8	Nul	0.174	205	Nul	0.000	1.000
2961.8	103	23.1	Nul	0.174	205	Nul	0.000	1.000
2962.0	103	19.2	Nul	0.174	205	Nul	0.000	1.000
2962.2	103	15.2	Nul	0.174	205	Nul	0.000	1.000
2962.4	103	13.6	Nul	0.174	205	Nul	0.000	1.000
2962.6	103	11.5	Nul	0.174	205	Nul	0.000	1.000
2962.8	103	9.9	Nul	0.174	205	Nul	0.000	1.000
2963.0	103	10.6	Nul	0.174	205	Nul	0.000	1.000
2963.2	103	13.5	Nul	0.174	205	Nul	0.000	1.000
2963.4	103	20.1	Nul	0.174	205	Nul	0.000	1.000
2963.6	103	32.7	Nul	0.174	205	Nul	0.000	1.000
2963.8	103	43.7	Nul	0.174	205	Nul	0.000	1.000
2964.0	103	38.2	Nul	0.174	205	Nul	0.000	1.000
2964.2	103	31.3	Nul	0.175	205	Nul	0.000	1.000
2964.4	103	30.1	Nul	0.175	205	Nul	0.000	1.000
2964.6	103	30.9	Nul	0.175	205	Nul	0.000	1.000
2964.8	103	26.6	Nul	0.174	205	Nul	0.000	1.000
2965.0	103	33.6	Nul	0.175	205	Nul	0.000	1.000
2965.2	103	39.8	Nul	0.174	205	Nul	0.000	1.000
2965.4	103	44.2	Nul	0.175	205	Nul	0.000	1.000
2965.6	103	45.3	Nul	0.175	205	Nul	0.000	1.000
2965.8	103	47.0	Nul	0.175	205	Nul	0.000	1.000
2966.0	103	47.0	Nul	0.174	205	Nul	0.000	1.000
2966.2	103	47.1	Nul	0.174	205	Nul	0.000	1.000
2966.4	103	47.2	Nul	0.174	205	Nul	0.000	1.000
2966.6	103	47.2	Nul	0.174	205	Nul	0.000	1.000
2966.8	103	47.2	Nul	0.174	205	Nul	0.000	1.000
2967.0	103	47.3	Nul	0.174	205	Nul	0.000	1.000
2967.2	103	47.3	Nul	0.174	205	Nul	0.000	1.000
2967.4	103	47.2	Nul	0.174	205	Nul	0.000	1.000
2967.6	103	47.4	Nul	0.174	205	Nul	0.000	1.000
2967.8	103	47.4	Nul	0.174	205	Nul	0.000	1.000
2968.0	103	47.3	Nul	0.174	205	Nul	0.000	1.000

2968.2	103	47.4	Nul	0.174	205	Nul	0.000	1.000
2968.4	103	47.4	Nul	0.174	205	Nul	0.000	1.000
2968.6	103	47.5	Nul	0.174	205	Nul	0.000	1.000
2968.8	103	47.4	Nul	0.174	205	Nul	0.000	1.000
2969.0	103	47.5	Nul	0.174	205	Nul	0.000	1.000
2969.2	103	47.5	Nul	0.174	205	Nul	0.000	1.000
2969.4	103	47.5	Nul	0.174	205	Nul	0.000	1.000
2969.6	103	47.4	Nul	0.174	205	Nul	0.000	1.000
2969.8	103	47.4	Nul	0.174	205	Nul	0.000	1.000
2970.0	103	47.4	Nul	0.174	205	Nul	0.000	1.000

PE601005

This is an enclosure indicator page.
The enclosure PE601005 is enclosed within the container PE902153 at this location in this document.

The enclosure PE601005 has the following characteristics:

ITEM_BARCODE	= PE601005
CONTAINER_BARCODE	= PE902153
NAME	= CPI - Quantitative log
BASIN	= GIPPSLAND
PERMIT	=
TYPE	= WELL
SUBTYPE	= WELL_LOG
DESCRIPTION	= CPI - Quantitative log for Conger-1
REMARKS	=
DATE_CREATED	= 29/06/1989
DATE_RECEIVED	= 29/03/1990
W_NO	= W989
WELL_NAME	= Conger-1
CONTRACTOR	= ESSO
CLIENT_OP_CO	= Esso Australia Limited

(Inserted by DNRE - Vic Govt Mines Dept)

APPENDIX 3

GEOCHEMICAL REPORT
ON
CONGER 1

BY

B.J. BURNS

FEBRUARY 1990

LIST OF TABLES AND FIGURES

INTRODUCTION

Sidewall core locations for source rock geochemistry were selected based on electric log characteristics of the Conger 1 well. Fifteen sidewall core samples from the Latrobe Group sediments were selected over the interval from 1997.8-2943.5m for Total Organic Carbon (TOC), Rockeval Pyrolysis and Kerogen Type/Fluorescence analysis. A suite of eight sidewall cores, having both high and intermediate Hydrogen Indices, were solvent extracted for gas chromotagraphy of the C_{12+} fraction.

Elemental analysis of the kerogen fractions was also determined on a larger suite of thirty seven sidewall cores, including the fifteen mentioned above.

RESULTS

The TOC and Rockeval results are presented in Tables 1 and 2 and Figure 1. Most of the samples were medium-dark grey or brown siltstones and all had TOC's greater than 1.40% with nine of them exceeding 2.0% and ranging up to 8.03% which would rate them as good to very rich source rocks.

The corresponding Rockeval results (Table 2) are less optimistic in their source richness rating with only four of the samples having S2 yields greater than 6 mg/g (S_2 levels above 6 mg/kg are rated as "good" source rocks). The two richest samples, with S2 yields above 20 mg/g, are from the basal Paleocene/Upper Cretaceous at 2755m and 2831.5m. The interpreted hydrocarbon product (at peak maturity) from these two samples, as defined by their Hydrogen Indices of 401 and 398 respectively, would be <u>oil</u> while the remaining samples would be expected to yield mainly gas with some liquids (Fig 2).

The low Tmax values for all samples (<437) indicates that the majority of the section penetrated in the well is immature and this is supported by the kerogen fluorescence data (see below) which indicates immatue kerogens down to about 2600m and early mature down to TD.

Kerogen organic matter descriptions are set out in Table 3 and Figure 3. The Amorphous material is relatively constant at between 5 - 20% of the kerogen. The major variation in the "oil-prone" content is in the Biodegraded Terrestrial component which varies from 5 - 60%, and while there is no correlation with the age of the different geological units there is a clear correlation with the depositional facies. There is also good correlation between the amount of "oil-prone" kerogen and the measured Hydrogen Index of the sample; the six samples with HI's greater than 200 mg/g contain 40 - 75% "oil prone" kerogen. The samples with the best fluorescent material (Table 4) are dominated by the Biodegraded Terrestrial and Cellular categories. This fluorescence decreases to only trace amounts below 2673m and this overall decline in fluorescence is considered to represent the onset of "early maturation" but is still well in advance of the main stage of significant oil generation in Gippsland.

The H/C atomic ratios of the kerogens, as shown in the Van Krevelen Plot (Figure 4, Table 5), indicate a predominance of Type III terrestrial organic matter over most of the Latrobe Group interval, with a few scattered Type II-III samples having slightly enriched hydrogen ratios above 0.9. There is a clear trend (Fig 5) between increasing H/C ratio and increasing Hydrogen Index which further supports the interpreted good oil potential rating of the samples with HI's greater than 300.

So, three samples, from 1997.8m (U M.diversus), 2755m (basal L.balmei) and 2831.5m (U T.longus) all have rich TOC and S2 yields, HI's greater than 300, H/C ratios above 0.9 and contain 65 -70 % "oil-prone" kerogen. They would clearly be rated as excellent oil sources at peak maturity which, however, has not been reached in the well. Peak generation in Gippsland is expected at about a vitrinite reflectance level of 0.9-1.0 %

C_{12+} solvent extracts of the eight sidewall cores selected from Table 2 were de-asphalted and then the Total Extract was analysed by capillary gas chromatography. Due to the small sample size the Total Extract yields were too low for reliable quantitative assessment. The chromatograms are shown in Figures 6-13 and all are dominated by a mixture of aromatic and branched-cyclic components. The expected series of prominant waxy

n-alkanes are almost not present, or at least are so minor that they only appear as small peaks in the general background (eg. see Fig 12). There is no apparant correlation between the Total Extract patterns and any of the previous geochemical parameters. Attempts were made to separate the Saturate fraction from the Total Extracts but only the sample from the Lower L. balmei at 2755m gave sufficient yield of saturates to obtain a meaningful chromatographic trace (Fig 14). The 2755m SWC was one of the two most oil-prone samples with a Hydrogen Index of 401. Its C_{12+} Saturate pattern contains the expected bimodal distribution of n-alkanes with maxima at C_{16} and C_{23}. The prominance of the Pristane peak over the adjacent n-C_{17}, and the presence of an odd-over-even preference from n-C_{23} to n-C_{27} provides further evidence that the sample is still immature for significant hydrocarbon generation.

ENVIRONMENT OF DEPOSITION

Two major depositional facies or environments are represented in the sample suite above (A.D.Partridge, Palynological Analysis of Conger 1, this report). The first is a lower Coastal Plain/Beach setting characterised by thick sands separated by a mixed package of coals (some >3m thick) and silts, perhaps similar to the present-day environment adjacent to the Gippsland coast. The second type is higher up on the coastal plain and is characterised by a very thick package of thin sands, silts and shales. The numerous interbedded coals are thin (<3m) and this upper Coastal Plain environment is considered to represent a faster depositional rate but with more rapidly fluctuating facies. In Conger 1 the upper Coastal Plain facies is represented by the samples from Middle *M. diversus* to Lower *L. balmei* (2057.6 - 2608m) with the remainder of the samples from the lower Coastal Plain/Beach environment (excluding the Gurnard Fm) (Table 5).

The lower Coastal Plain/Beach (LCP/B) facies appears to have better source potential than the upper Coastal Plain (UCP). The average TOC of the LCP/B is 3.43% (cf 2.33% for the UCP) and the 'best' HI's and kerogen H/C ratios also occur in this section (Fig 5). This is consistant with the

anticipated better development of sustained reducing environments in the lakes and swamps which occur behind the beaches and which encourage the extensive biodegradation of the interred organic matter. The three most oil-prone samples seen above occur within the Coastal Plain/Beach environment.

SUMMARY

Three excellent oil-prone source rocks were identified in the Conger 1 well at 1997.8m, 2755m and 2831.5m. The samples all come from different 'age' rocks but share a common depositional environment, namely the lower Coastal Plain/Beach. The remainder of the section contains rich source rocks with TOC's from 1.4 - 5.1% but the interpreted yield would be mainly gas with some liquids. All of the penetrated section in Conger 1 is immature down to about 2600m and then early mature down to TD. Peak generation for significant hydrocarbons would be well below the TD of the well.

(BJB126)

TABLE 1 TOTAL ORGANIC CARBON

WELL: CONGER 1

SAMPLE NO.	DEPTH BOTTOM (m)	TYPE	AGE	FORMATION	TOC %	CO3 %	DESCRIPTION
78229 T	1997.8	CRSW	Early Eoc	U M.diversus	2.54	3.39	V DK GY-BRN SLTST
78229 P	2090.0	CRSW	"	M M.diversus	5.11	2.90	V DK BRN-BLK SLTST,CARB
78229 M	2166.5	CRSW	"	L M.diversus	2.51	5.73	V DK BRN SLTST,TR CARB
78229 L	2198.0	CRSW	"	L M.diversus	1.41	4.23	LT-M GY SST,SLTST
78229 I	2251.0	CRSW	Paleocene	U L.balmei	1.41	2.93	LT GY SLTST,TR CARB LAM
78229 H	2262.0	CRSW	"	U L.balmei	2.18	2.12	V DK GY-BRN SLTST
78229 E	2314.0	CRSW	"	U L.balmei	1.84	4.64	V DK GY-BRN SLTST
78229 B	2376.0	CRSW	"	U L.balmei	2.41	11.93	M DK GY SLTST,V CALC
78228 W	2542.0	CRSW	"	L L.balmei	1.73	8.75	M GY-BRN CLYST,SL CALC
78228 R	2673.0	CRSW	"	L L.balmei	1.57	7.35	M GY SLTST,SL CALC
78228 P	2728.0	CRSW	"	L L.balmei	2.32	3.09	V DK GY-BRN SLTST
78228 N	2755.0	CRSW	"	L L.balmei	5.26	2.40	V DK BRN SLTST
78228 I	2831.5	CRSW	U.Cretac	U T.longus	8.03	2.19	V DK BRN SLTST,V SL CALC
78228 G	2858.5	CRSW	"	U T.longus	1.94	6.16	DK BRN SLTST,V SL CALC
78228 A	2943.5	CRSW	"	U T.longus	2.36	4.52	V DK GY-BLK SLTST

TABLE 2 ROCKEVAL REPORT

WELL: CONGER 1

SAMPLE NO.	DEPTH (m)	TYPE	TOC %	Tmax	S1 mg/g	S2 mg/g	S3 mg/g	HI	OI	HI/OI	EXTRACT GC
78229 T	1997.8	CRSW	2.54	421	0.56	8.28	0.37	326	14	23	*
78229 P	2090.0	CRSW	5.11	423	0.44	10.70	0.46	209	9	23	*
78229 M	2166.5	CRSW	2.51	427	0.25	4.25	0.33	169	13	13	*
78229 L	2198.0	CRSW	1.41	428	0.13	2.01	0.19	143	14	10	*
78229 I	2251.0	CRSW	1.41	431	0.09	2.31	0.21	164	15	11	
78229 H	2262.0	CRSW	2.18	430	0.15	2.55	0.19	117	9	14	
78229 E	2314.0	CRSW	1.84	432	0.10	2.88	0.18	157	10	16	*
78229 B	2376.0	CRSW	2.41	431	0.30	5.28	0.19	219	8	27	*
78228 W	2542.0	CRSW	1.73	430	0.12	1.83	0.16	106	9	12	
78228 R	2673.0	CRSW	1.57	431	0.24	3.46	0.17	220	11	21	
78228 P	2728.0	CRSW	2.32	434	0.40	3.98	0.27	172	12	15	
78228 N	2755.0	CRSW	5.26	430	1.05	21.11	0.33	401	6	64	*
78228 I	2831.5	CRSW	8.03	430	3.26	31.95	0.33	398	4	96	*
78228 G	2858.5	CRSW	1.94	432	0.36	2.50	0.20	129	10	13	
78228 A	2943.5	CRSW	2.36	437	0.33	2.24	0.17	95	7	13	

Table 3

EXPLORATION BIOSTRATIGRAPHY/GEOCHEMISTRY

KEROGEN P.O.M.T. REPORT

BASIN - GIPPSLAND
WELL - CONGER 1

SAMPLE NO	DEPTH (M)	YIELD	Particulate Organic Matter Types												TAI	% OIL PRONE	% FLUOR
			1.1	1.2	2.1	2.2	3.0	4.0	5.1	5.2	5.3	6.1	6.2	7.0			
78229 T	1997.80	L	15.0	-	-	-	45.0	5.0	-	30.0	5.0	-	-	-	2.1	65.0	-
78229 P	2090.00	L	10.0	-	-	-	24.0	10.0	-	37.0	14.0	-	-	5.0	2.2	44.0	-
78229 M	2166.50	L	14.0	-	-	-	33.0	10.0	-	24.0	14.0	-	-	5.0	2.3	57.0	-
78229 L	2198.50	M	5.0	-	-	-	18.0	-	-	35.0	32.0	-	-	10.0	-	23.0	-
78229 H	2262.00	M	14.0	-	-	9.0	30.0	-	-	23.0	14.0	-	-	10.0	-	53.0	-
78229 E	2314.00	M	5.0	-	-	-	19.0	-	-	42.0	29.0	-	-	5.0	-	24.0	-
78229 B	2376.00	L	14.0	-	-	-	19.0	5.0	-	38.0	14.0	5.0	-	5.0	-	38.0	-
78228 W	2542.00	L	5.0	-	-	-	10.0	-	-	24.0	56.0	-	-	5.0	-	15.0	-
78228 R	2673.00	L	9.0	-	-	-	54.0	-	-	9.0	18.0	-	-	10.0	-	63.0	-
78228 P	2728.00	L	-	-	-	-	30.0	-	-	25.0	40.0	5.0	-	-	-	30.0	-
78228 N	2755.00	L	30.0	-	-	-	40.0	-	-	15.0	15.0	-	-	-	-	70.0	-
78228 I	2831.50	M	15.0	-	-	-	50.0	-	-	20.0	15.0	-	-	-	-	65.0	-
78228 G	2858.50	M	10.0	-	-	-	5.0	-	-	51.0	19.0	10.0	-	5.0	-	15.0	-
78228 A	2943.50	L	-	-	-	-	5.0	-	-	35.0	60.0	-	-	-	-	5.0	-

1 = Amorphous
2 = Structured Aqueous
3 = Biodegraded Terrestrial
4 = Spores/Pollen
5 = Structured Terrestrial
6 = Inert
7 = Indeterminate Fines

1.1 - Undifferentiated
2.1 - Algae
5.1 - Laminar
6.1 - Opaque

1.2 - Grey
2.2 - Dinoflagellates/Acritarchs
5.2 - Cellular
5.3 - Semi-Opaque
6.2 - Meta-Opaque

YIELD = (L)ow (M)edium (H)igh (B)arren
TAI = Thermal Alteration Index
OIL PRONE = Sum of 1.1 thru 4.0
FLUOR = Percent Fluorescent Material

Table 4 KEROGEN FLUORESCENCE

BASIN - GIPPSLAND
WELL - CONGER 1

SAMP NO.	DEPTH (M)	TYPE	AN	COLOUR	%	DESCRIPTOR	COMMENTS
78299 T	1997.80	CRSW	29	BRIGHT YELLOW	80	BIODEG. TERREST,AMORPHOUS SOME CELLULAR	IMMATURE, DIFFUSE FLUORESCENCE
				TOTAL	80		DOMINATES
78299 P	2090.00	CRSW	29	WHITE YELLOW	5	CELLULAR	?EARLY MATURE, VERY LITTLE
				GOLD	10	CELLULAR SOME CLUMPED AMORPHOUS	FLUORESCENCE
				TOTAL	15		
78299 M	2166.00	CRSW	29	GOLD	40	DOMINANTLY BIODEG. TERRESTRIAL	EARLY MATURE, ABUNDANT PIN-POINT
				TOTAL	40		FLUORESCENCE, SOME SEMI-OPAQUE
							MATERIAL CONTAINS FLUORESCING
							GRAINS
78299 L	2198.50	CRSW	29	GOLD	15	CELLULAR	EARLY MATURE, SOME PIN-POINT
				TOTAL	15		FLUORESCENCE.
78299 H	2262.00	CRSW	29	WHITE YELLOW	10	DINOFLAGELLATES	EARLY MATURE, VERY BRIGHT
				GOLD	20	CELLULAR, SPORE/POLLEN, BIOGEG, TERREST,	FLUORESCENCE FROM THE
				TOTAL	30		DINOFLAGELLATES
78299 E	2314.00	CRSW	29	GOLD	30	CELLULAR,BIOGEG, TERREST.	EARLY MATURE, SOME FLUORESCING
				TOTAL	30		MINERAL MATTER
78299 B	2376.00	CRSW	29	GOLD	50	CELLULAR,SPORE/POLLEN	EARLY MATURE, BIODEGRADED TERREST.
				TOTAL	50		AND AMORPHOUS MATTER HARDLY
							FLUORESCES
78298 W	2542.00	CRSW	29	GOLD	10	CELLULAR SOME WITH HIGH BIREFRINGENCE	EARLY MATURE.
				TOTAL	10		
78298 R	2673.00	CRSW	29	GOLD	TR	CELLULAR	
				TOTAL	00		
78298 N	2755.00	CRSW	29	GOLD	TR	CELLULAR	
				TOTAL	00		
78298 I	2831.50	CRSW	29	GOLD	TR	CELLULAR	
				TOTAL	00		
78298 G	2858.50	CRSW	29	GOLD	5	CELLULAR	?EARLY MATURE
				TOTAL	5		
78298 A	2943.50	CRSW	29	GOLD	TR	CELLULAR	
				TOTAL	00		

TABLE 5 KEROGEN ELEMENTAL ANALYSIS

WELL: CONGER 1

SAMPLE NO.	DEPTH (m)	TYPE	AGE	ZONE	H/C	O/C	N/C	FACIES
78230 F	1816.0	CRSW	Late Eoc	Gurnard	0.57	0.37	0.02	
78230 E	1819.0	CRSW	Mid Eoc	L N. asperus	0.64	0.39	0.01	
78230 C	1826.0	CRSW	"	"	0.71	0.31	0.02	
78229 Z	1860.0	CRSW	Early Eoc	P. asperopolus	1.01	0.41	0.01	L.Coastal Plain
78229 Y	1865.0	CRSW	"	"	0.98	0.43	0.01	"
78229 X	1891.8	CRSW	"	"	0.92	0.24	0.01	"
78229 T	1997.8	CRSW	"	U M. diversus	0.96	0.23	0.01	"
78229 S	2011.0	CRSW	"	"	0.81	0.25	0.01	"
78229 R	2031.2	CRSW	"	"	0.95	0.31	0.01	Coal Measure
78229 Q	2057.6	CRSW	"	M M. diversus	0.92	0.41	0.01	U.Coastal Plain
78229 P	2090.0	CRSW	"	"	0.86	0.28	0.01	"
78229 O	2110.0	CRSW	"	L M. diversus	0.89	0.26	0.02	"
78229 N	2142.0	CRSW	"	"	0.98	2.89	0.02	"
78229 M	2166.5	CRSW	"	"	0.57	0.23	0.01	"
78229 L	2198.0	CRSW	"	"	0.79	0.24	0.01	"
78229 K	2215.0	CRSW	"	"	0.87	0.25	0.02	"
78229 I	2251.0	CRSW	Paleocene	U L. balmei	0.86	0.20	0.01	"
78229 H	2262.0	CRSW	"	"	0.83	0.23	0.01	"
78229 G	2280.0	CRSW	"	"	0.82	0.16	0.01	"
78229 E	2314.0	CRSW	"	"	0.88	0.20	0.02	"
78229 D	2333.0	CRSW	"	"	0.79	0.35	0.01	"
78229 C	2346.0	CRSW	"	"	0.85	0.35	0.01	"
78229 B	2376.0	CRSW	"	"	0.89	0.22	0.02	"
78228 Z	2420.0	CRSW	"	L L. balmei	0.84	0.33	0.01	"
78228 Y	2454.0	CRSW	"	"	0.84	0.15	0.01	"
78228 W	2542.0	CRSW	"	"	0.80	0.18	0.01	"
78228 V	2576.0	CRSW	"	"	0.78	0.19	0.01	"
78228 U	2608.0	CRSW	"	"	0.84	0.33	0.01	"
78228 R	2673.0	CRSW	"	"	0.92	0.22	0.01	L.Coastal Plain
78228 P	2728.0	CRSW	"	"	0.83	0.13	0.01	"
78228 O	2742.0	CRSW	"	"	0.81	0.15	0.01	"
78228 N	2755.0	CRSW	"	"	1.11	0.31	0.01	"
78228 L	2790.0	CRSW	"	"	0.82	0.12	0.01	"
78228 I	2831.5	CRSW	U Cret	U T. longus	0.90	0.15	0.01	"
78228 G	2858.5	CRSW	"	"	0.75	0.17	0.01	"
78228 E	2863.5	CRSW	"	"	0.99	0.37	0.01	"
78228 A	2943.5	CRSW	"	"	0.71	0.13	0.02	U.Coastal Plain

Figure 1

Conger 1

Total Organic Carbon & Rockeval

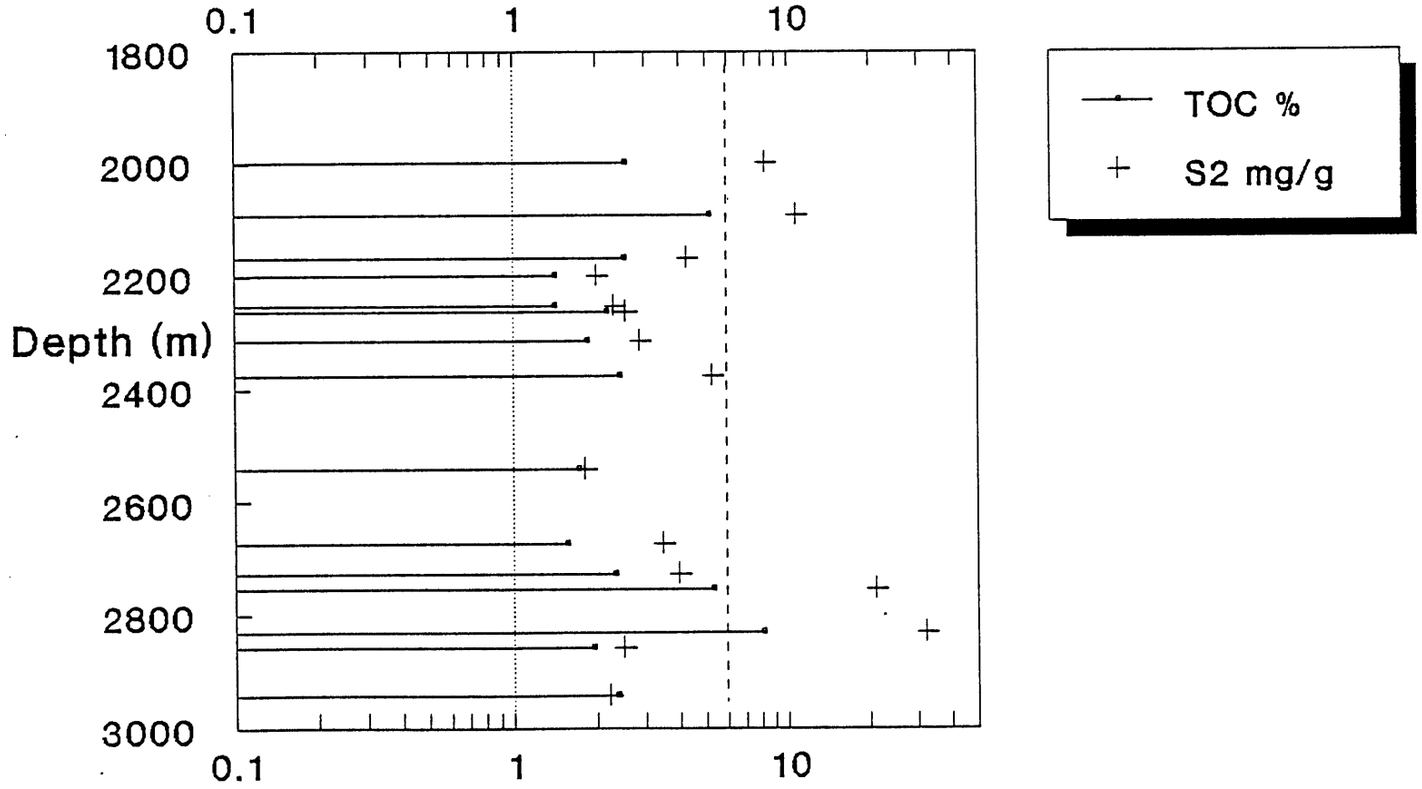


Figure 2

ROCKEVAL MATURATION PLOT

CONGER 1

GIPPSLAND BASIN

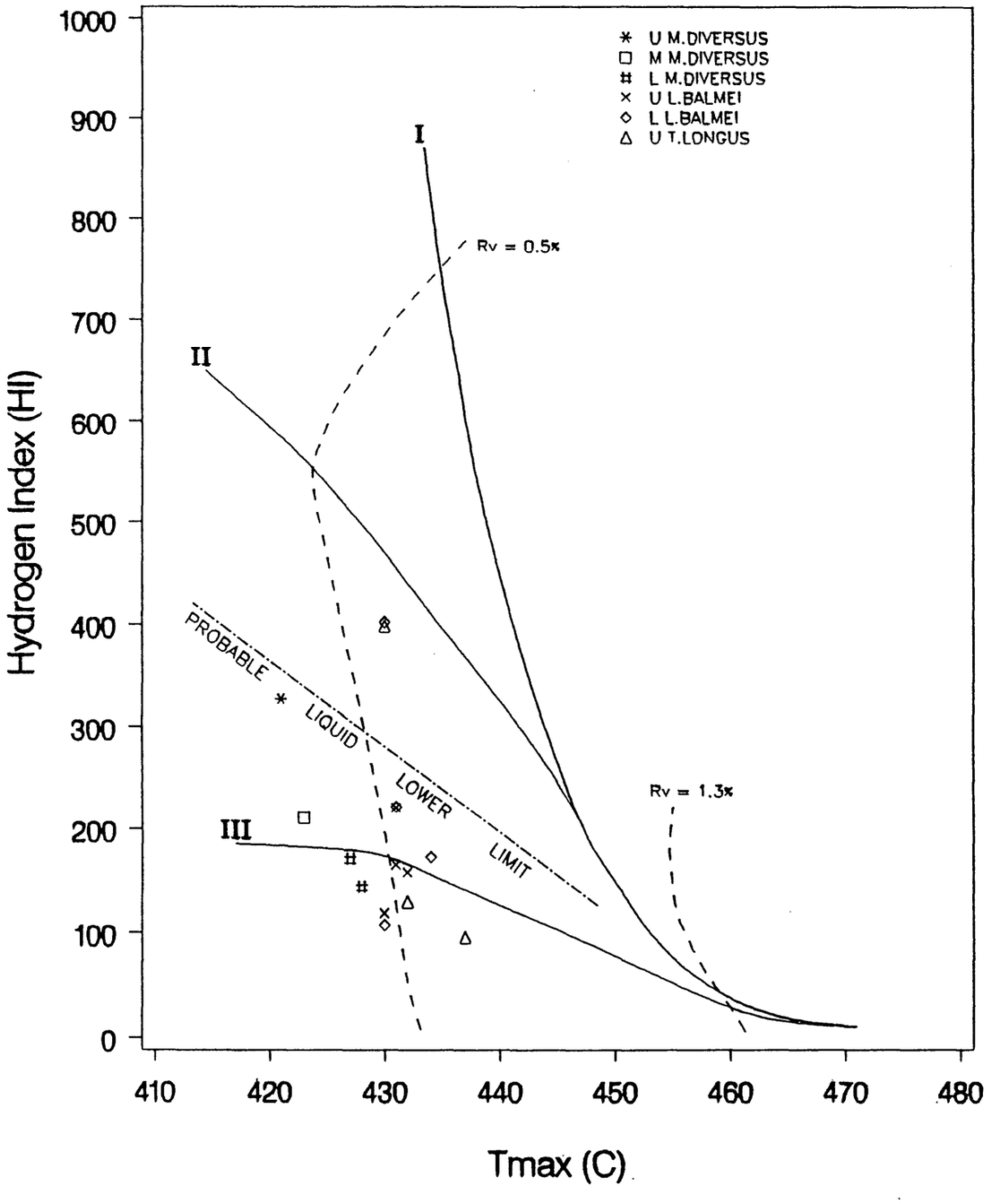
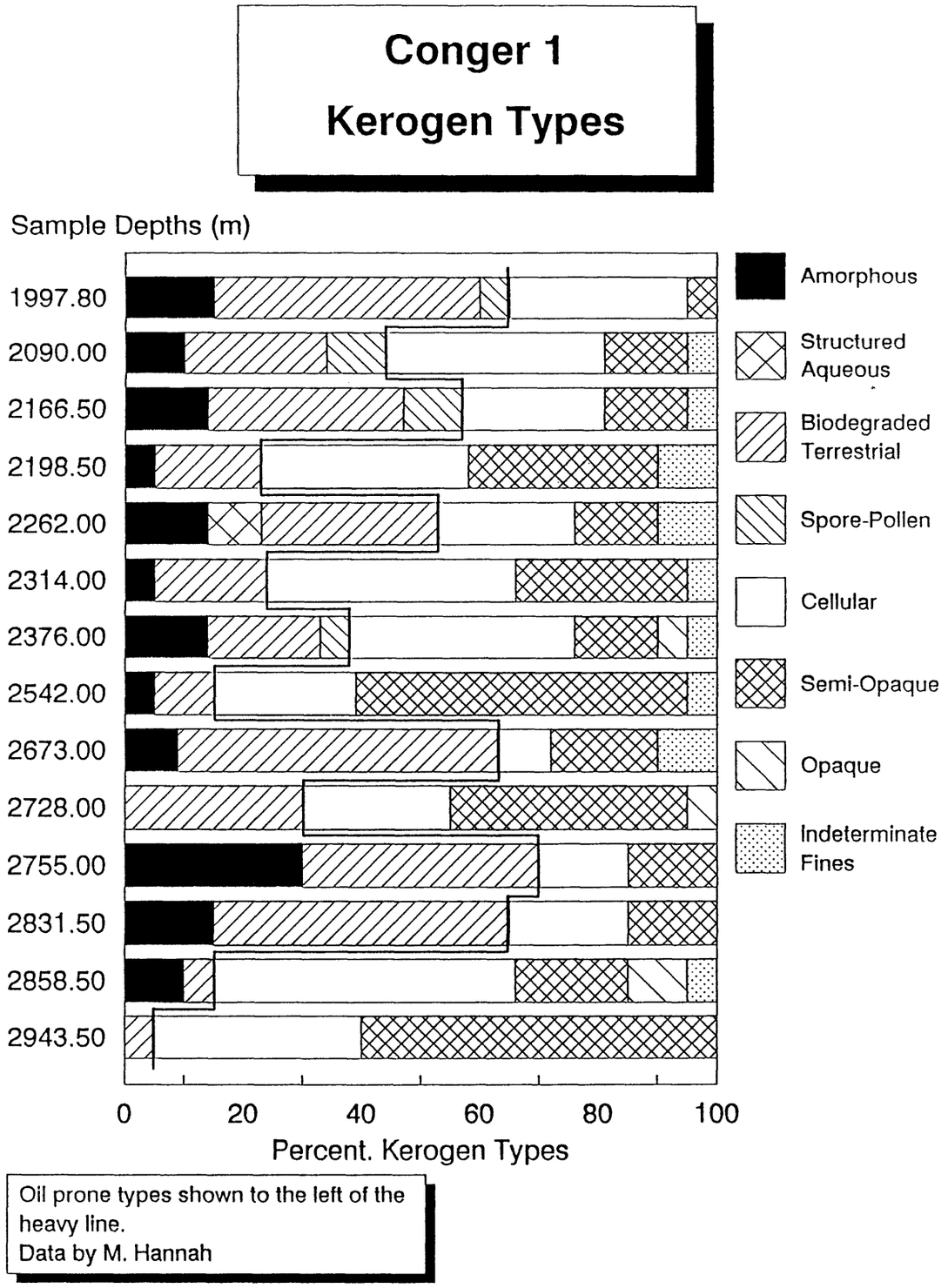


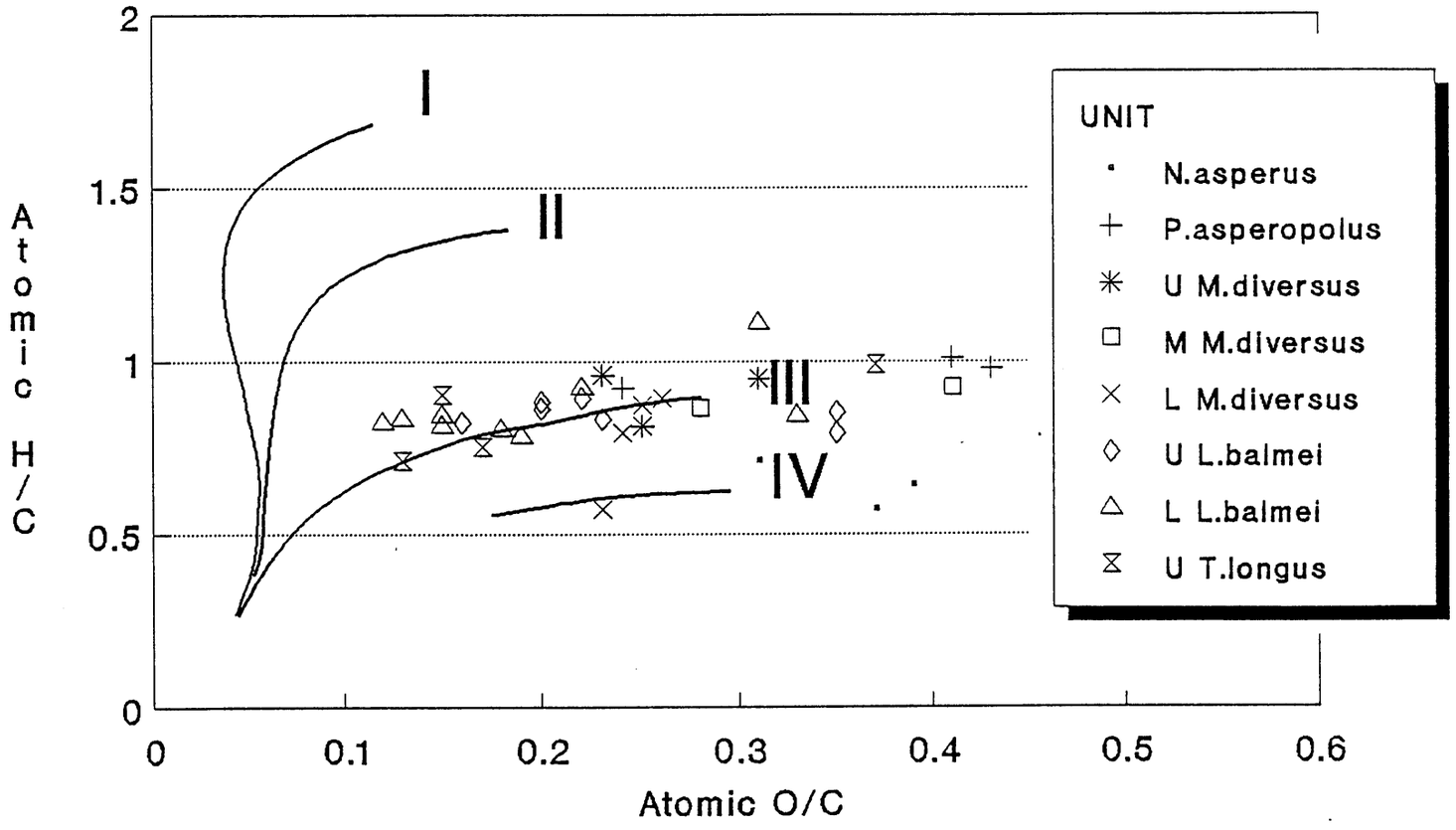
Figure 3



Oil prone types shown to the left of the heavy line.
Data by M. Hannah

Figure 4

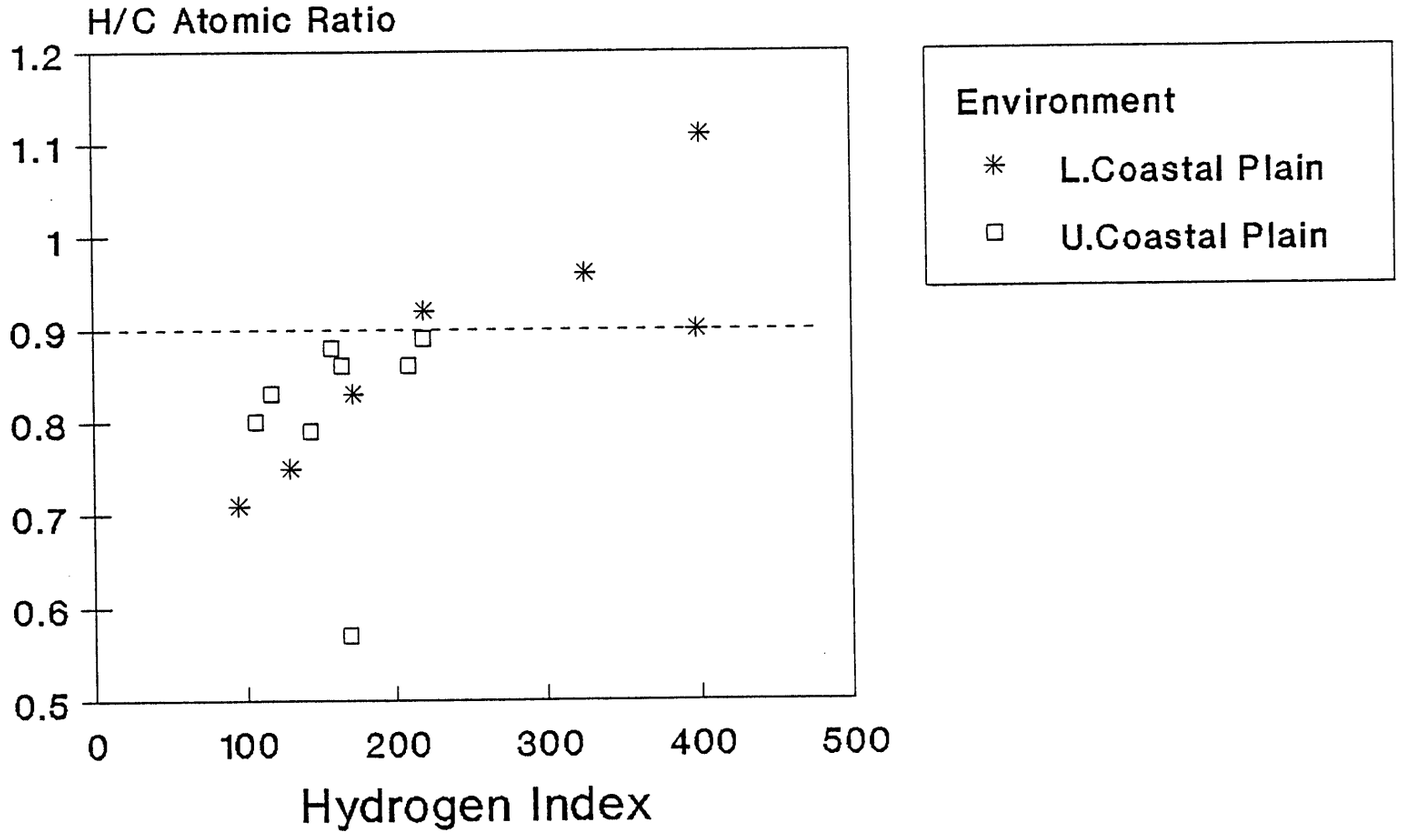
Conger 1



Van Krevelen Plot

Figure 5

Hydrogen Index vs Kerogen H/C
Conger 1

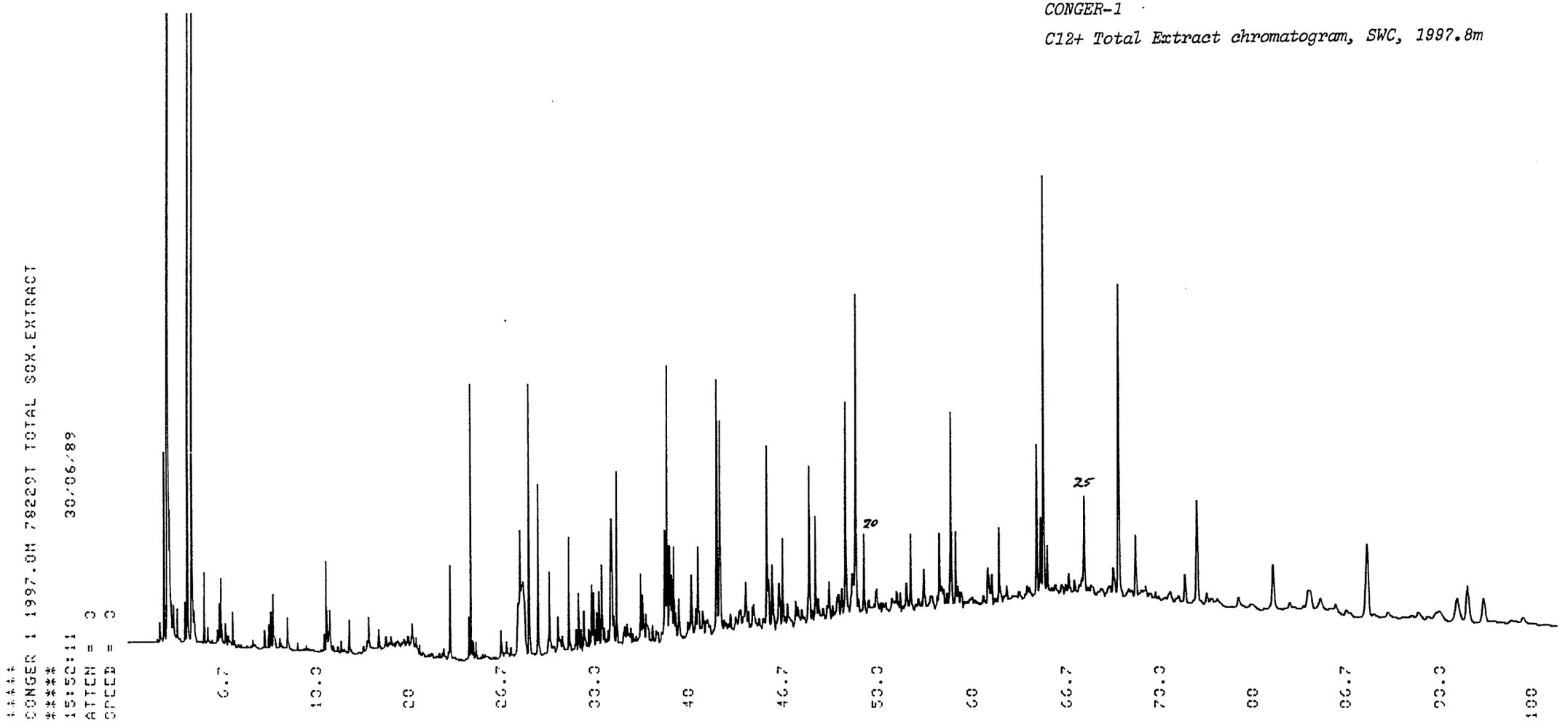


Shimadzu 221-25412 706007A 098

FIGURE 6

CONGER-1

C12+ Total Extract chromatogram, SWC, 1997.8m



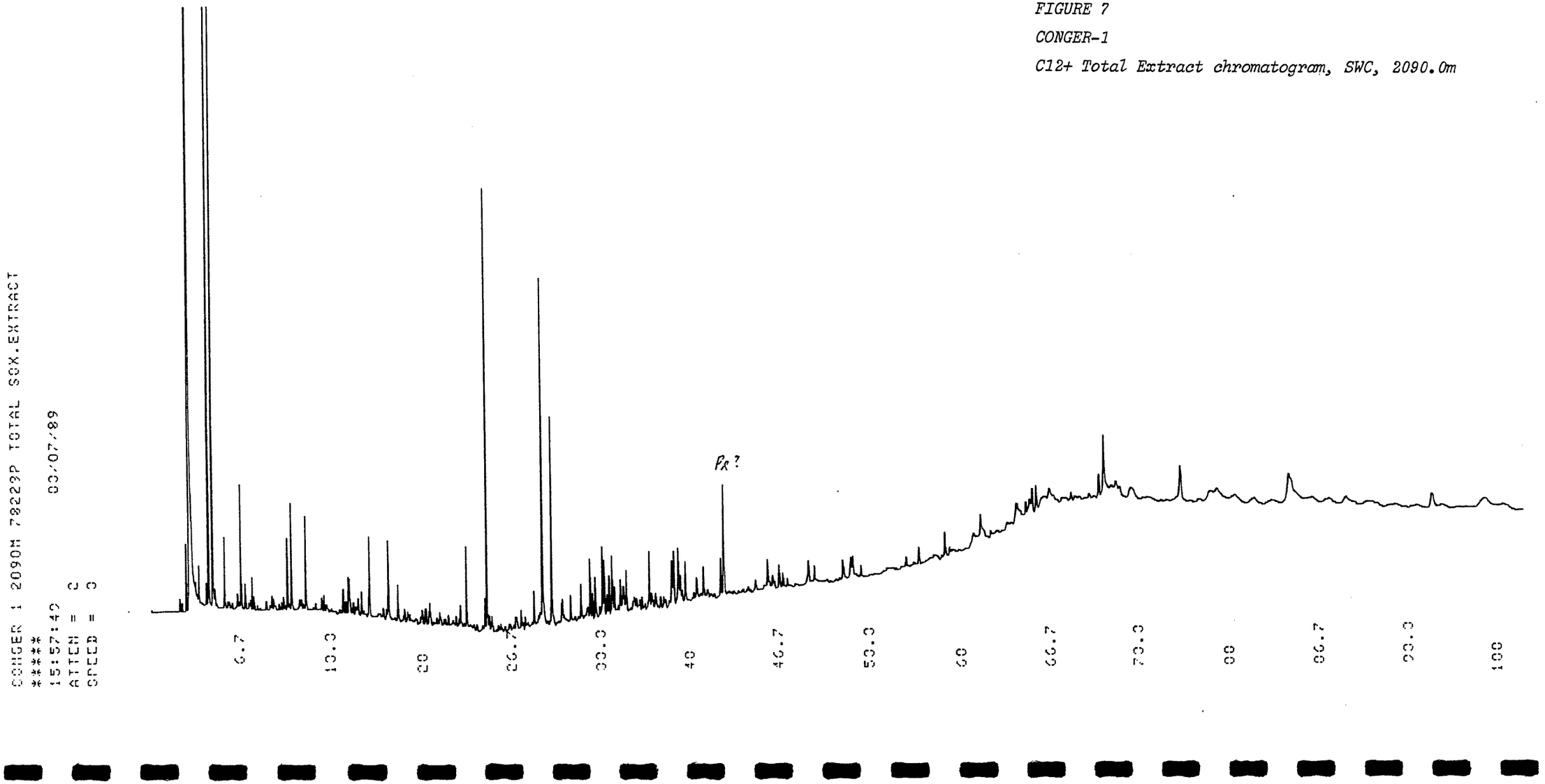


FIGURE 7

CONGER-1

C12+ Total Extract chromatogram, SWC, 2090.0m

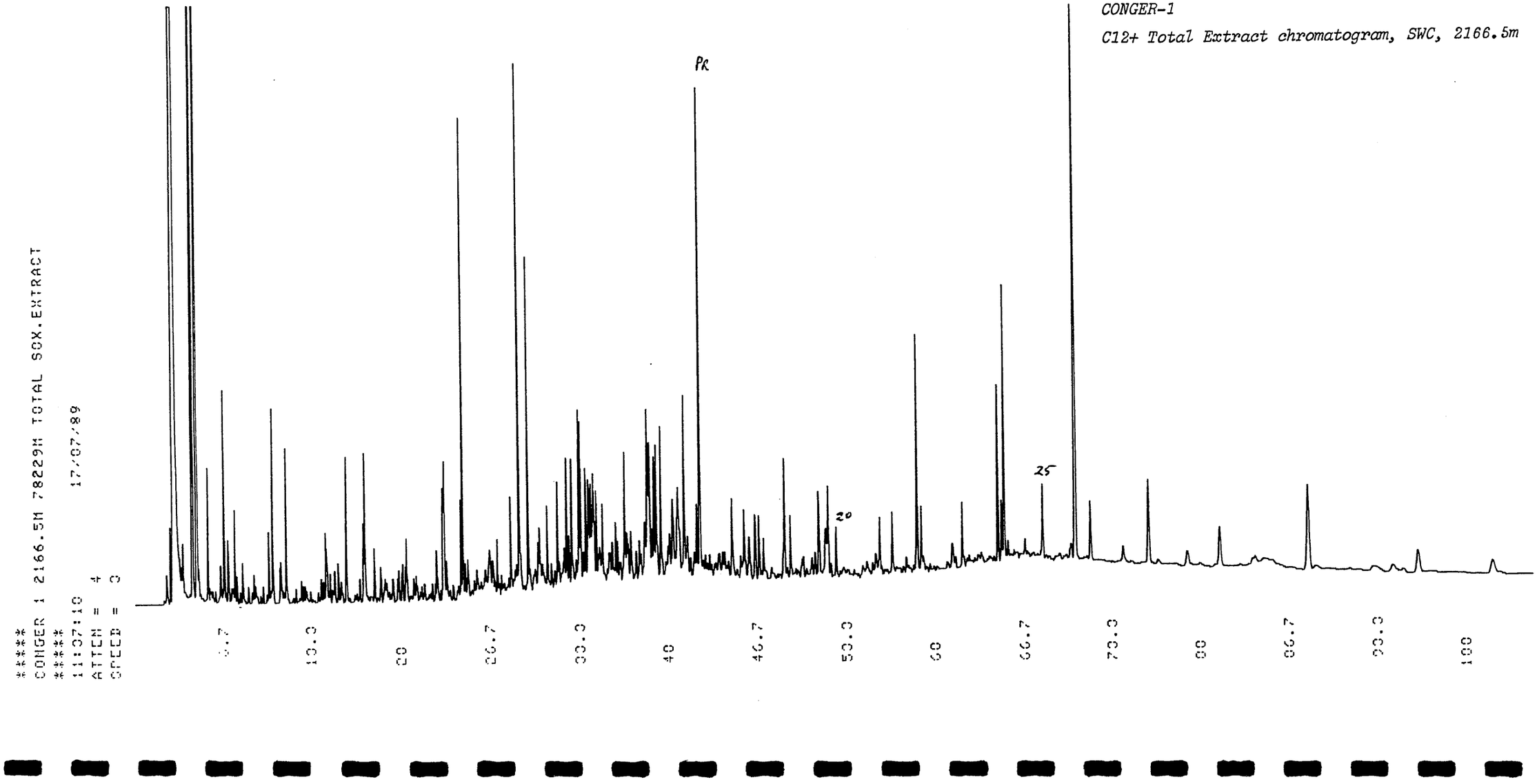


FIGURE 8

CONGER-1

C12+ Total Extract chromatogram, SWC, 2166.5m

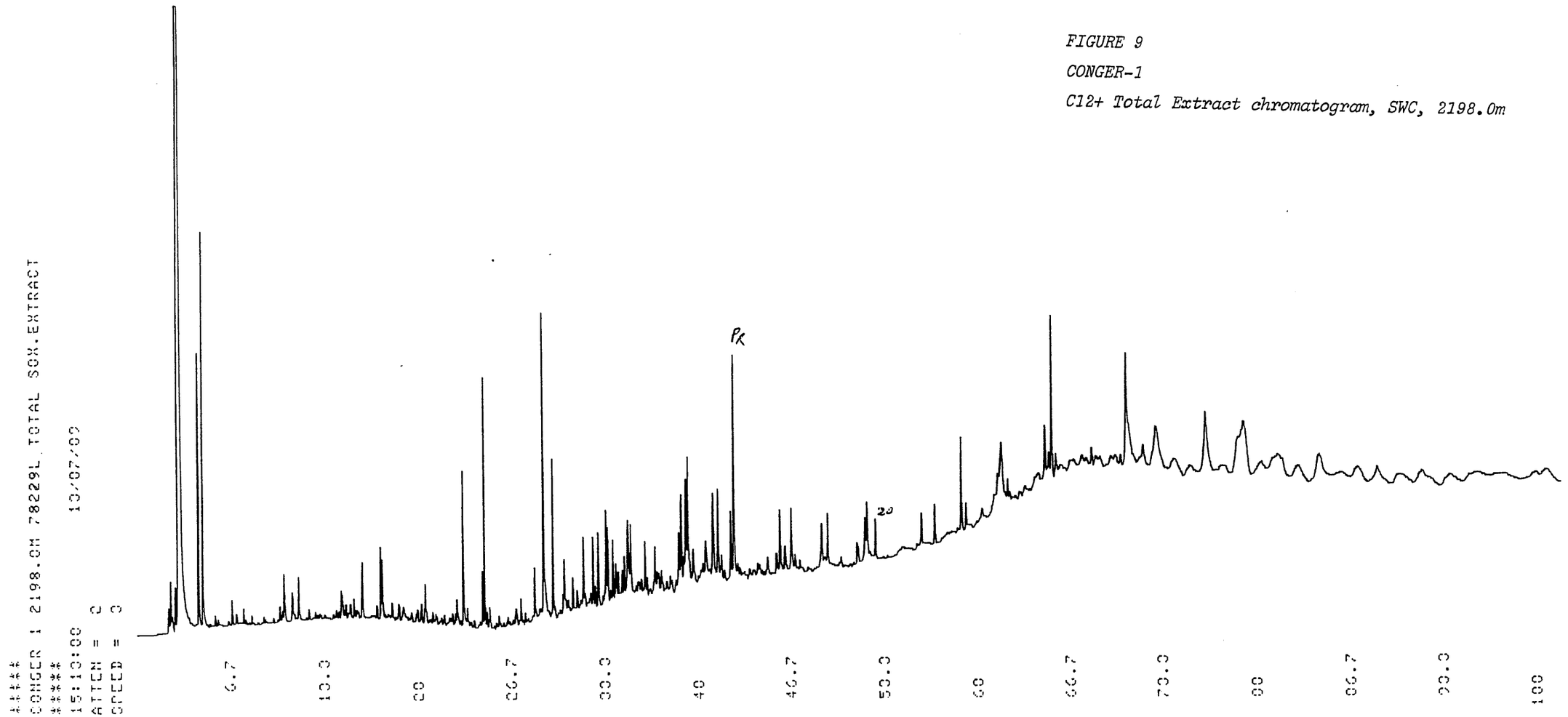


FIGURE 9

CONGER-1

C12+ Total Extract chromatogram, SWC, 2198.0m

Shimadzu 221-25412 706007A 004

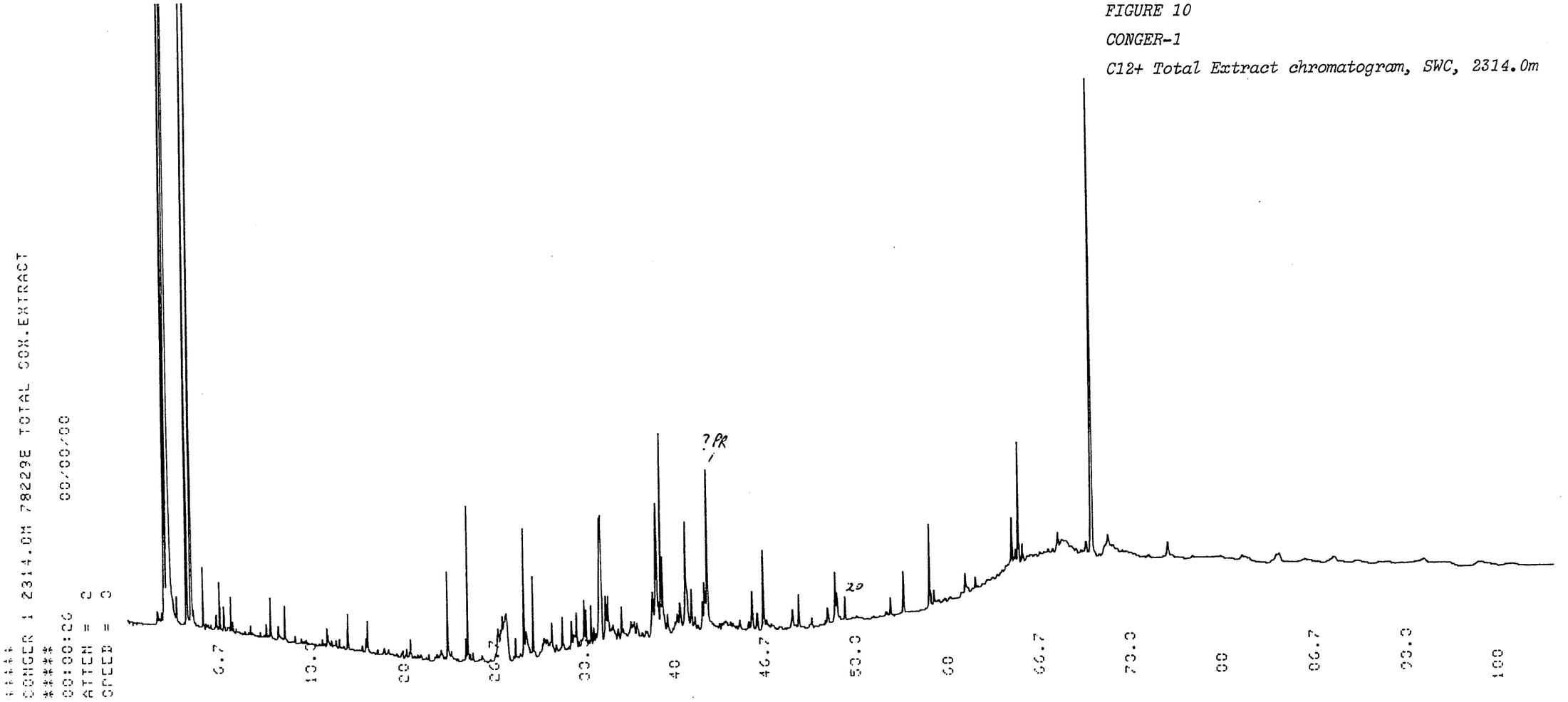


FIGURE 10

CONGER-1

C12+ Total Extract chromatogram, SWC, 2314.0m

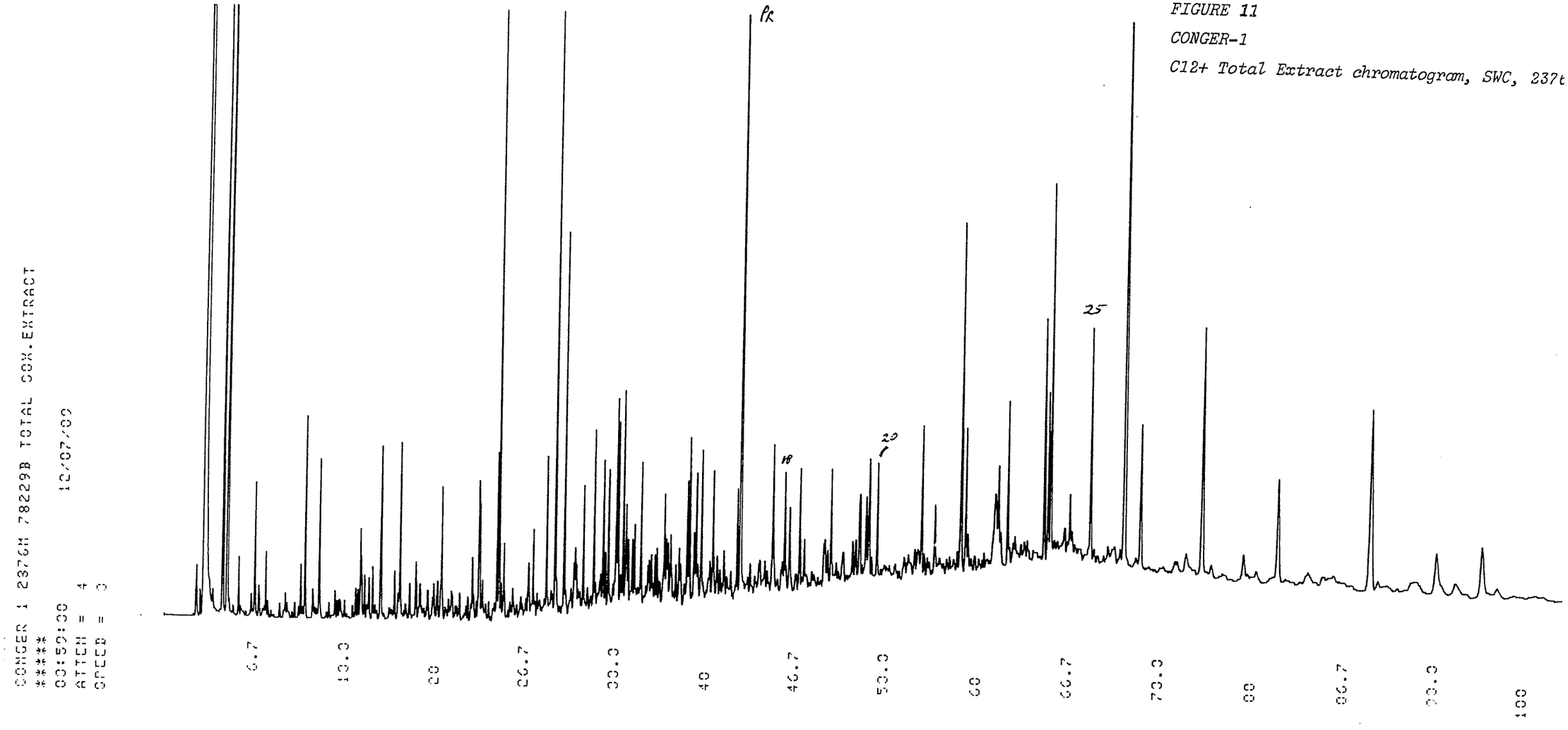


FIGURE 11

CONGER-1

C12+ Total Extract chromatogram, SWC, 237t

Shimadzu 221-25412 706007A 046

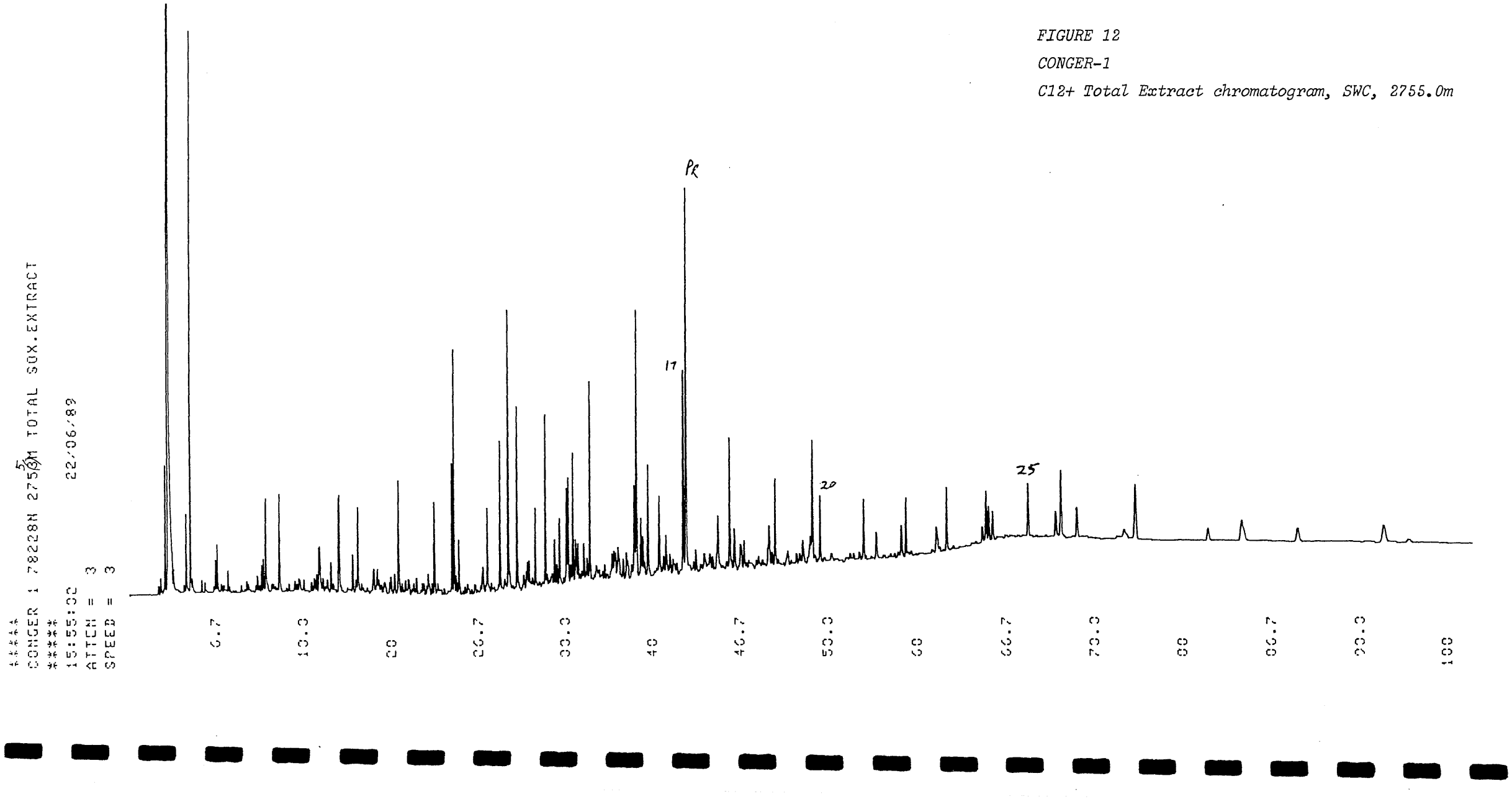


FIGURE 12

CONGER-1

C12+ Total Extract chromatogram, SWC, 2755.0m

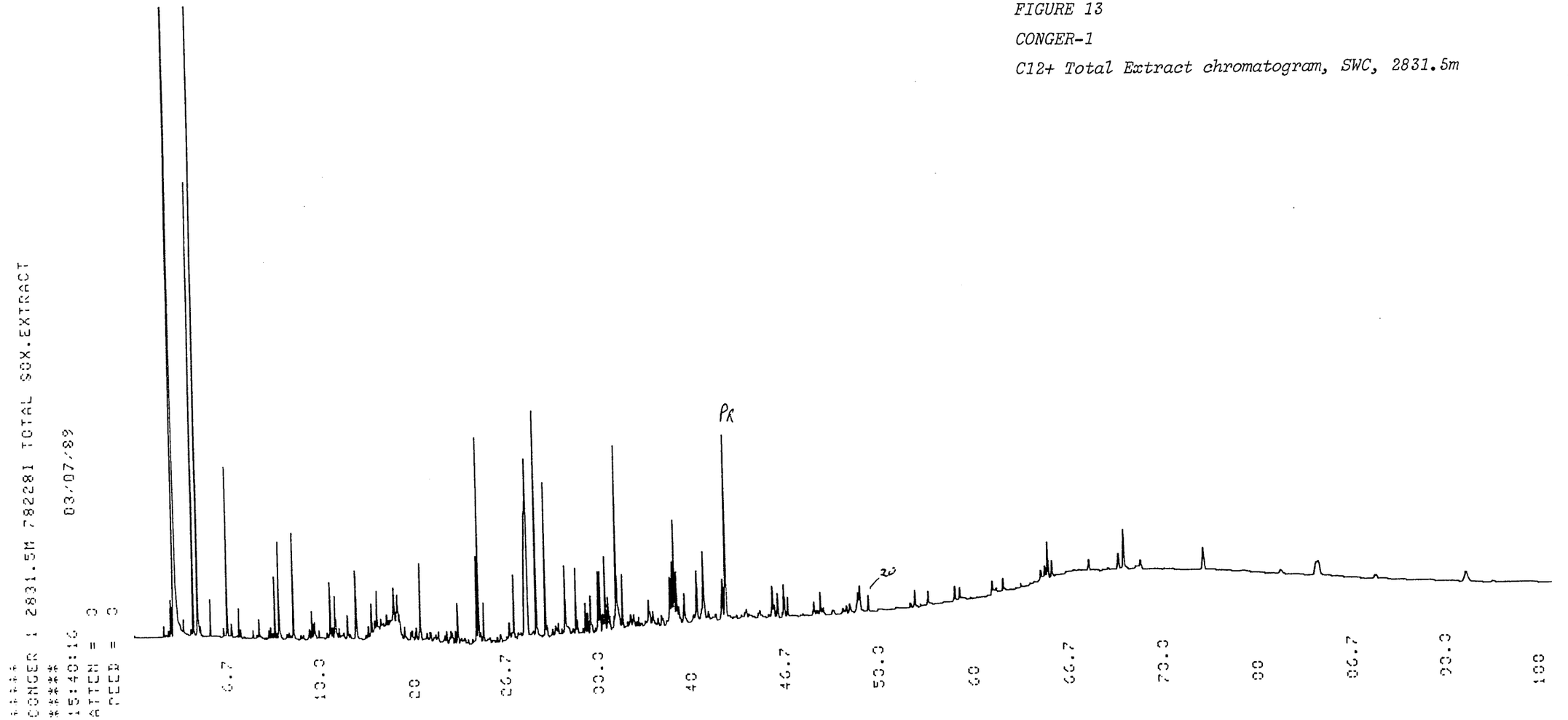


FIGURE 13

CONGER-1

C12+ Total Extract chromatogram, SWC, 2831.5m

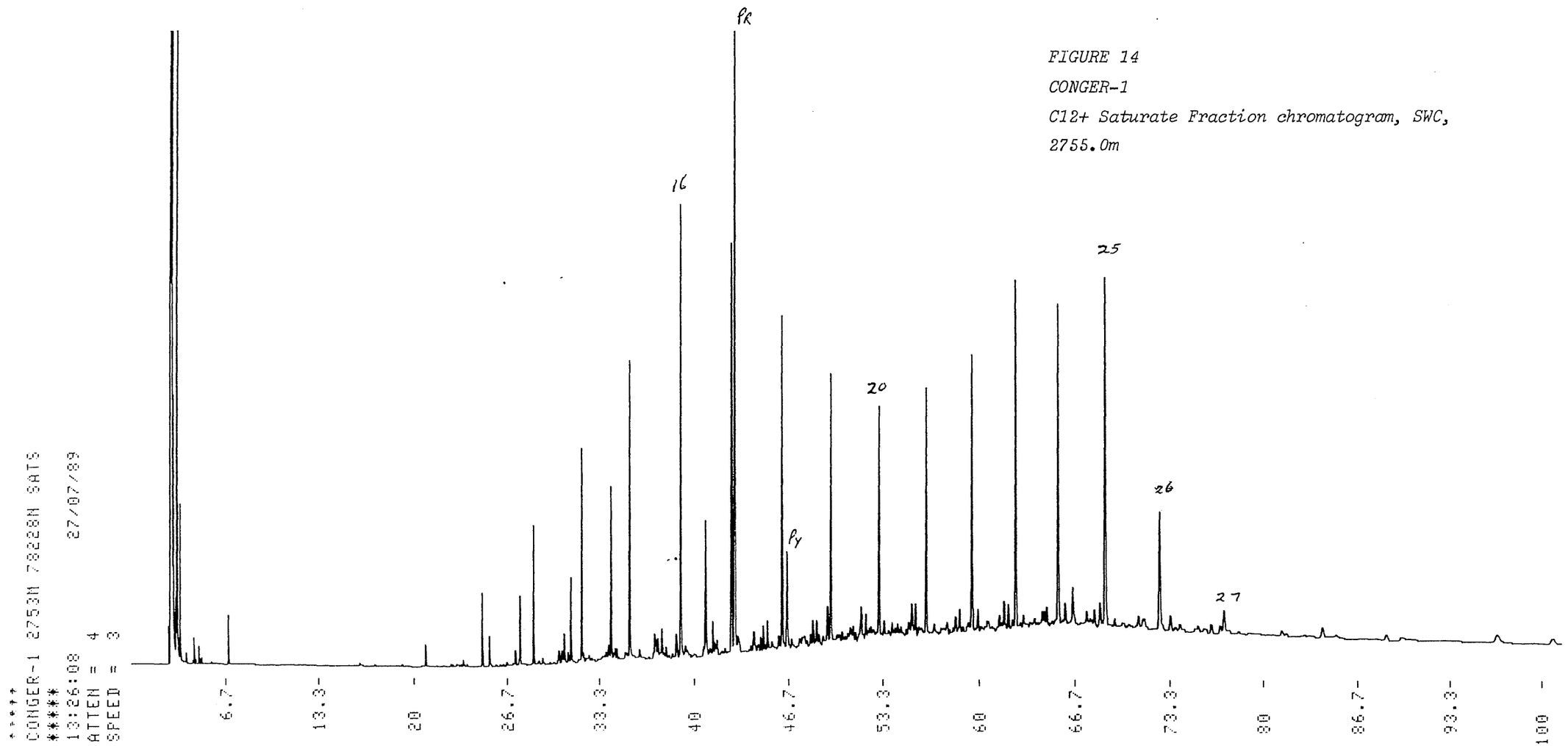


FIGURE 14

CONGER-1

C12+ Saturate Fraction chromatogram, SWC, 2755.0m

ENCLOSURES

PE902155

This is an enclosure indicator page.
The enclosure PE902155 is enclosed within the container PE902153 at this location in this document.

The enclosure PE902155 has the following characteristics:

ITEM_BARCODE	= PE902155
CONTAINER_BARCODE	= PE902153
NAME	= Structural Cross Section A- A1 Veilfin1 to Marlin 2
BASIN	= GIPPSLAND
PERMIT	=
TYPE	= WELL
SUBTYPE	= CROSS_SECTION
DESCRIPTION	= Structural Cross Section A- A1 Veilfin1 to Marlin 2
REMARKS	=
DATE_CREATED	= 28/02/1990
DATE_RECEIVED	= 29/03/1990
W_NO	= W989
WELL_NAME	= Conger-1
CONTRACTOR	= ESSO
CLIENT_OP_CO	= Esso Australia Limited

(Inserted by DNRE - Vic Govt Mines Dept)

PE902156

This is an enclosure indicator page.
The enclosure PE902156 is enclosed within the container PE902153 at this location in this document.

The enclosure PE902156 has the following characteristics:

ITEM_BARCODE	= PE902156
CONTAINER_BARCODE	= PE902153
NAME	= Structure Map Top of Latrobe Group Coarse Clastics
BASIN	= GIPPSLAND
PERMIT	=
TYPE	= SEISMIC
SUBTYPE	= HRZN_CONTR_MAP
DESCRIPTION	= Structure Map Top of Latrobe Group Coarse Clastics
REMARKS	=
DATE_CREATED	= 28/02/1990
DATE_RECEIVED	= 29/03/1990
W_NO	= W989
WELL_NAME	= Conger-1
CONTRACTOR	= ESSO
CLIENT_OP_CO	= Esso Australia Limited

(Inserted by DNRE - Vic Govt Mines Dept)

PE902157

This is an enclosure indicator page.
The enclosure PE902157 is enclosed within the container PE902153 at this location in this document.

The enclosure PE902157 has the following characteristics:

ITEM_BARCODE	= PE902157
CONTAINER_BARCODE	= PE902153
NAME	= Structure Map 51.5 MY Sequence Boundary
BASIN	= GIPPSLAND
PERMIT	=
TYPE	= SEISMIC
SUBTYPE	= HRZN_CONTR_MAP
DESCRIPTION	= Structure Map 51.5 MY Sequence Boundary
REMARKS	=
DATE_CREATED	= 28/02/1990
DATE_RECEIVED	= 29/03/1990
W_NO	= W989
WELL_NAME	= Conger-1
CONTRACTOR	= ESSO
CLIENT_OP_CO	= Esso Australia Limited

(Inserted by DNRE - Vic Govt Mines Dept)

PE902158

This is an enclosure indicator page.
The enclosure PE902158 is enclosed within the container PE902153 at this location in this document.

The enclosure PE902158 has the following characteristics:

ITEM_BARCODE	= PE902158
CONTAINER_BARCODE	= PE902153
NAME	= Structure map 54.5 Sequence Boundary
BASIN	= GIPPSLAND
PERMIT	=
TYPE	= SEISMIC
SUBTYPE	= HRZN_CONTR_MAP
DESCRIPTION	= Structure map 54.5 Sequence Boundary
REMARKS	=
DATE_CREATED	= 28/02/1990
DATE_RECEIVED	= 29/03/1990
W_NO	= W989
WELL_NAME	= Conger-1
CONTRACTOR	= ESSO
CLIENT_OP_CO	= Esso Australia Limited

(Inserted by DNRE - Vic Govt Mines Dept)

PE902159

This is an enclosure indicator page.
The enclosure PE902159 is enclosed within the container PE902153 at this location in this document.

The enclosure PE902159 has the following characteristics:

ITEM_BARCODE	= PE902159
CONTAINER_BARCODE	= PE902153
NAME	= Structure map 60.0 MY Sequence Boundary
BASIN	= GIPPSLAND
PERMIT	=
TYPE	= SEISMIC
SUBTYPE	= HRZN_CONTR_MAP
DESCRIPTION	= Structure map 60.0 MY Sequence Boundary
REMARKS	=
DATE_CREATED	= 28/02/1990
DATE_RECEIVED	= 29/03/1990
W_NO	= W989
WELL_NAME	= Conger-1
CONTRACTOR	= ESSO
CLIENT_OP_CO	= Esso Australia Limited

(Inserted by DNRE - Vic Govt Mines Dept)

PE601006

This is an enclosure indicator page.
The enclosure PE601006 is enclosed within the container PE902153 at this location in this document.

The enclosure PE601006 has the following characteristics:

ITEM_BARCODE	= PE601006
CONTAINER_BARCODE	= PE902153
NAME	= Conger-1 Mud Log
BASIN	= GIPPSLAND
PERMIT	=
TYPE	= WELL
SUBTYPE	= MUD_LOG
DESCRIPTION	= Mud Log for Conger-1
REMARKS	=
DATE_CREATED	=
DATE_RECEIVED	= 29/03/1990
W_NO	= W989
WELL_NAME	= Conger-1
CONTRACTOR	= ESSO
CLIENT_OP_CO	= Esso Australia Limited

(Inserted by DNRE - Vic Govt Mines Dept)

PE601007

This is an enclosure indicator page.
The enclosure PE601007 is enclosed within the container PE902153 at this location in this document.

The enclosure PE601007 has the following characteristics:

ITEM_BARCODE	= PE601007
CONTAINER_BARCODE	= PE902153
NAME	= Well Completion Log
BASIN	= GIPPSLAND
PERMIT	=
TYPE	= WELL
SUBTYPE	= COMPOSITE_LOG
DESCRIPTION	= Well Completion Log
REMARKS	=
DATE_CREATED	= 15/03/1989
DATE_RECEIVED	= 29/03/1990
W_NO	= W989
WELL_NAME	= Conger-1
CONTRACTOR	= ESSO
CLIENT_OP_CO	= Esso Australia Limited

(Inserted by DNRE - Vic Govt Mines Dept)

PE902160

This is an enclosure indicator page.
The enclosure PE902160 is enclosed within the container PE902153 at this location in this document.

The enclosure PE902160 has the following characteristics:

ITEM_BARCODE	= PE902160
CONTAINER_BARCODE	= PE902153
NAME	= Zero-Phase Synthetic Seismogram
BASIN	= GIPPSLAND
PERMIT	=
TYPE	= WELL
SUBTYPE	= SYNTH_SEISMOGRAPH
DESCRIPTION	= Zero-Phase Synthetic Seismogram
REMARKS	=
DATE_CREATED	=
DATE_RECEIVED	= 29/03/1990
W_NO	= W989
WELL_NAME	= Conger-1
CONTRACTOR	= ESSO
CLIENT_OP_CO	= Esso Australia Limited

(Inserted by DNRE - Vic Govt Mines Dept)