

Министерство экологии,
природопользования и лесного
хозяйства Республики Саха (Якутия)



Саха Өрөспүүбүлүкэтин
Экологияҕа, айылҕаны туһаныыга
уонна ойуур хаһаайыстыбатыгар
министиристибэтэ

ПРИКАЗ

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г. Якутск

Об утверждении Положения о ресурсном резервате республиканского значения «Тамма» в Мегино-Кангаласском улусе

В целях приведения в соответствие Федеральному закону от 14 марта 1995 года № 33-ФЗ «Об особо охраняемых природных территориях», Закону Республики Саха (Якутия) от 1 марта 2011 г. 910-3 № 713-IV «Об особо охраняемых природных территориях Республики Саха (Якутия), согласно решению Протокола общественных (публичных) слушаний по теме «Экологическое обоснование преобразования ресурсного резервата республиканского значения «Тамма» в Мегино-Кангаласском улусе (районе) Республики Саха (Якутия) в части внесения изменений в границы функциональных зон» от 08 октября 2019 г. в с. Даркылах, п р и к а з ы в а ю:

1. Утвердить Положение о ресурсном резервате «Эркээйи Сир» республиканского значения «Тамма» в Мегино-Кангаласском улусе Республики Саха (Якутия) согласно приложению к настоящему приказу.

2. Считать утратившим силу приказ Министерства охраны природы Республики Саха (Якутия) от 23.04.2018 № 01-05/1-226 «Об утверждении Положения о ресурсном резервате республиканского значения «Тамма».

3. Департаменту охотничьего хозяйства и особо охраняемых природных территорий Министерства экологии, природопользования и лесного хозяйства Республики Саха (Якутия) (Дьяконов Д.М.):

3.1. В срок не позднее 3 рабочих дней со дня подписания направить для государственной регистрации и для размещения (опубликования) на «Официальном интернет-портале правовой информации» (www.pravo.gov.ru) в Департамент по государственно-правовым вопросам Администрации Главы Республики Саха (Якутия) и Правительства Республики Саха (Якутия).


3.2. В 7-дневный срок после дня первого официального опубликования настоящего приказа направить в Управление Министерства юстиции Российской Федерации по Республике Саха (Якутия) его копию, а также сведения об источниках его официального опубликования для включения

акта в федеральный регистр и проведения правовой экспертизы в электронном виде в порядке, установленном Правительством Российской Федерации.

4. Департаменту по водным отношениям и экологическому просвещению (Налимовой А.В.) после государственной регистрации разместить настоящий приказ на официальном сайте Министерства экологии, природопользования и лесного хозяйства Республики Саха (Якутия).

5. Контроль исполнения настоящего приказа возложить на заместителя министра экологии, природопользования и лесного хозяйства Республики Саха (Якутия) Додохова Н.В.

Первый заместитель министра



С.И. Яковлев

Приложение к приказу
Министерства экологии, природопользования и
лесного хозяйства
Республики Саха (Якутия)
от _____ 2019 г. № _____

**ПОЛОЖЕНИЕ
О РЕСУРСНОМ РЕЗЕРВАТЕ (ЭРКЭЭЙИ СИР)
РЕСПУБЛИКАНСКОГО ЗНАЧЕНИЯ «ТАММА» В МЕГИНО-
КАНГАЛАССКОМ УЛУСЕ РЕСПУБЛИКИ САХА (ЯКУТИЯ)**

Настоящее Положение разработано в соответствии с Законом Республики Саха (Якутия) «Об особо охраняемых природных территориях Республики Саха (Якутия)» от 01.03.2011 910-3 № 713-IV, Типовым положением о ресурсных резерватах (Эркээйи Сирдэр) Республики Саха (Якутия), утвержденным постановлением Правительства Республики Саха (Якутия) от 28.04.2017 № 126.

1. ОБЩИЕ ПОЛОЖЕНИЯ

1.1. Ресурсный резерват (Эркээйи Сир) республиканского значения «Тамма» (далее - ресурсный резерват «Бэкэ») относится к числу национальных природных резерватов - Ытык Кэрэ Сирдэр - особо охраняемым природным территориям Республики Саха (Якутия) (далее - ООПТ).

1.2. Ресурсный резерват «Тамма» расположен в Мегино-Кангаласском улусе Республики Саха (Якутия). Общая площадь ресурсного резервата составляет 231 002 га.

1.3. Отношения в области организации, управления, функционирования, использования и охраны ресурсного резервата регулируются Законом Республики Саха (Якутия) «Об особо охраняемых природных территориях Республики Саха (Якутия)» и другими действующими законодательными и нормативно-правовыми актами, а также настоящим Положением.

1.4. Ресурсный резерват «Тамма» образован без изъятия земель лесного фонда, земельных, водных и других ресурсов.

1.5. Земля, леса, воды, недра, любые биологические ресурсы и историко-культурные объекты, находящиеся на территории, кроме земель традиционного природопользования, предоставляются на правах, предусмотренных действующим законодательством.

1.6. В границах ресурсного резервата «Тамма» могут находиться другие землепользователи и землевладельцы, хозяйственные отношения с которыми строятся на договорной основе.

1.7. Территория ресурсного резервата «Тамма» учитывается при разработке территориальных комплексных схем, схем землеустройства, районной планировки. Эти проектные документы подлежат обязательному

согласованию с Министерством экологии, природопользования и лесного хозяйства Республики Саха (Якутия) (далее - Министерство).

1.8. Вопросы социально-экономической деятельности юридических и физических лиц, субъектов, хозяйствующих на территории ресурсного резервата «Тамма», проекты развития и благоустройства населенных пунктов согласовываются с Министерством.

2. ЦЕЛИ РЕСУРСНОГО РЕЗЕРВАТА

2.1. Ресурсный резерват «Тамма» образован в целях::

- сохранения, восстановления, воспроизводства биоразнообразия, в т.ч. редких и исчезающих видов животных и растений, занесенных в Красную книгу, охраны среды их обитания и произрастания, поддержания общего экологического баланса;

- сохранения естественной среды обитания коренных народов и традиционных форм деятельности;

- осуществления научных исследований и проведения экологического мониторинга;

- пропаганды охраны природы.

3. ПРАВОВОЕ ПОЛОЖЕНИЕ И УПРАВЛЕНИЕ РЕСУРСНЫМ РЕЗЕРВАТОМ

3.1. Ресурсный резерват «Тамма» образован постановлением Правительства Республики Саха (Якутия) от 3 апреля 1995 г. № 129. Внесены изменения в границы резервата постановлением Правительства Республики Саха (Якутия) от 29.12.2017 № 425 «Об утверждении границ ресурсного резервата (Эркээйи Сир) республиканского значения «Тамма» в Мегино-Кангаласском улусе Республики Саха (Якутия) и внесении изменений в постановление Правительства Республики Саха (Якутия) от 3 апреля 1995 г. № 129 «Об организации государственных заказников «Седедема» в Среднеколымском улусе, «Тимирдикээн» в Вилюйском улусе и «Тамма» в Мегино-Кангаласском улусе».

3.2. Ресурсный резерват «Тамма» является особо охраняемой природной территорией республиканского значения и находится в ведении Министерства.

3.3. Финансирование ресурсного резервата «Тамма» осуществляется из государственного бюджета Республики Саха (Якутия).

3.4. Государственное управление и контроль в области организации и функционирования ресурсного резервата «Тамма» осуществляются Министерством.

3.5. Управление, обеспечение функционирования и охрана ресурсного резервата «Тамма» осуществляется уполномоченным природоохранным учреждением по обеспечению функционирования особо охраняемых

природных территорий Республики Саха (Якутия), подведомственным Министерству.

4. РЕЖИМ ОХРАНЫ РЕСУРСНОГО РЕЗЕРВАТА

4.1. Ресурсный резерват «Тамма» состоит из двух функциональных зон:

- зоны абсолютного покоя (22 831 га), где запрещены все виды деятельности, в том числе пеший проход и проезд на всех видах транспорта, за исключением мероприятий, связанных с исполнением режима охраны, противопожарных мероприятий и научных исследований, по программам, согласованным с Министерством;

- зоны традиционного природопользования (208 171 га).

4.2. На территории ресурсного резервата «Тамма» запрещается:

4.2.1. Эксплуатация водных ресурсов, а также любые действия, изменяющие гидрологический режим поверхностных и подземных вод;

4.2.2. Строительство и размещение промышленных объектов, высоковольтных линий, магистральных трубопроводов, автомобильных дорог;

4.2.3. Разработка полезных ископаемых, все виды нарушений почвенного и растительного покрова, выходов минералов, обнажений горных пород, распашка земель, производство взрывов, промышленные лесоразработки;

4.2.4. Движение и стоянка механизированных транспортных средств вне дорог и водных путей общего пользования и вне специально предусмотренных для этого мест, сплав леса по водотокам и водоемам, прогон домашних животных;

4.2.5. Сбор коллекционных и других материалов, за исключением случаев, предусмотренных планом научно-исследовательских работ, согласованным с Министерством;

4.2.6. Уничтожение и отлов диких животных и птиц, разорение нор, гнезд и прочих укрытий и убежищ, а также все виды изменений условий обитания животных, промысловая охота, за исключением охоты в целях ведения традиционного образа жизни и осуществления традиционной хозяйственной деятельности;

4.2.7. Интродукция растений и животных с целью акклиматизации, а также проведение мероприятий, способствующих увеличению численности отдельных видов животных выше естественной емкости угодий;

4.2.8. Применение химических средств в качестве удобрений, а также для борьбы с вредителями, болезнями растений, сорняками и с целью регулирования численности животных;

4.2.9. Загрязнение территории бытовыми и производственными отходами;

4.2.10. Пролет самолетов, вертолетов ниже 500 метров над сушей и водным пространством, посадка, преодоление техническими средствами

звукового барьера, а также другие виды шумового воздействия, превышающие установленные нормы;

4.2.11. Проезд, проход и нахождение на территории посторонних лиц без разрешения уполномоченного природоохранного учреждения по обеспечению функционирования особо охраняемых природных территорий республиканского значения.

4.2.12. Сплошная рубка лесных насаждений;

4.2.13. Нахождение граждан с огнестрельным оружием, за исключением работников Министерства, уполномоченного природоохранного учреждения Республики Саха (Якутия), осуществляющих мероприятия по охране ресурсного резервата, государственному надзору в области охраны и использования особо охраняемых природных территорий, государственному экологическому надзору;

4.2.14. Беспривязное содержание собак;

4.2.15. Иная деятельность, нарушающая природные комплексы или угрожающая их состоянию и противоречащая целям и задачам ресурсного резервата.

4.3. По согласованию с Министерством, при условии сохранения природных комплексов и объектов в зоне традиционного природопользования ресурсного резервата «Тамма» допускается (в том числе с использованием авиационной техники по пунктам 4.3.1, 4.3.2 и 4.3.3):

4.3.1. Проведение научно-исследовательских работ;

4.3.2. Проведение в необходимых случаях противопожарных, санитарных и эпидемиологических мероприятий;

4.3.3. Проведение восстановительных мероприятий на участках, пострадавших от стихийных бедствий или нарушенных несанкционированной деятельностью человека, а также мероприятий, направленных на предотвращение изменений природных комплексов в результате хозяйственной деятельности на сопредельных территориях;

4.3.4. Сбор коллекционных и других материалов, необходимых для выполнения научно-исследовательских работ;

4.3.5. В отдельных случаях регулируемый туризм и отдых в природных условиях;

4.3.6. Создание рыборазводных комплексов, питомников-репродукторов;

4.3.7. Строительство объектов, необходимых для научных исследований, туризма и отдыха населения;

4.3.8. Ведение традиционной хозяйственной деятельности (животноводство, в т.ч. оленеводство, коневодство; сенокосение, сбор дикорастущих ягод, грибов);

4.3.9. Любительская и спортивная охота, рыболовство в установленном законодательством порядке;

4.3.10. Транзитный проход (проезд) по установленным маршрутам работников родовых общин, коллективных хозяйств и других землепользователей на закрепленные участки;

4.3.11. Строительство, ремонт и функционирование производственно-технического и гражданского назначений коллективных хозяйств;

4.3.12. Проведение работ по геологическому изучению недр с согласования Министерства экологии, природопользования и лесного хозяйства Республики Саха (Якутия).

4.3.13. Виды разрешенного использования земельных участков (с кодом), в соответствии с классификатором, утвержденным приказом Министерства экономического развития России от 01.09.2014 № 540 «Об утверждении классификатора видов разрешенного использования земельных участков», без права возведения объектов капитального строительства: овощеводство (1.3.), скотоводство (1.8.), звероводство (1.9.), птицеводство (1.10.), рыбоводство (1.13.), научное обеспечение сельского хозяйства (1.14.), ведение личного подсобного хозяйства на полевых участках (1.16.), сенокосение (1.19.), выпас сельскохозяйственных животных (1.20.), природно-познавательный туризм (5.2.), охота и рыбалка (5.3.), деятельность по особой охране и изучению природы (9.0.), охрана природных территорий (9.1.), курортная деятельность (9.2.), историко-культурная деятельность (9.3.), заготовка лесных ресурсов (10.3.), резервные леса (10.4.), общее пользование водными объектами (11.1.).

4.4. На некоторых участках ресурсного резервата в соответствии с действующим законодательством могут быть разрешены:

4.4.1. Организация подсобных сельских хозяйств для обеспечения государственных инспекторов в области охраны окружающей среды на ООПТ и членов их семей продуктами питания;

4.4.2. Заготовка дров и древесины, необходимых для обеспечения потребностей ресурсного резервата и постоянно проживающих на его территории граждан;

4.4.3. Сбор грибов, орехов, ягод государственными инспекторами в области охраны окружающей среды на ООПТ, а также гражданами, постоянно проживающими на территории ресурсного резервата, для личного потребления (без права продажи);

4.4.4. Нахождение с охотничьим оружием и другими орудиями охоты охотникам в разрешенные сроки охоты при наличии разрешения на проезд и нахождение на ООПТ и на добычу охотничьих ресурсов на ООПТ.

4.5. Ресурсный резерват обозначается на местности предупредительными и информационными знаками.

5. ОХРАНА И НАДЗОР РЕСУРСНОГО РЕЗЕРВАТА

5.1. Охрана ресурсного резервата «Тамма» осуществляется должностными лицами уполномоченного природоохранного учреждения Республики Саха (Якутия).

5.2. Государственный надзор в области охраны и использования особо охраняемых природных территорий и государственный экологический

надзор на особо охраняемых природных территориях осуществляется в порядке, установленном федеральным законодательством.

5.3. Охрана территории ресурсного резервата «Тамма» осуществляется путем выставления постов (кордонов) и патрулирования с использованием наземного, водного и воздушного транспорта.

6. ОТВЕТСТВЕННОСТЬ ЗА НАРУШЕНИЕ РЕЖИМА РЕСУРСНОГО РЕЗЕРВАТА

6.1. За нарушение установленного режима или иных правил охраны и использования окружающей среды и природных ресурсов ресурсного резервата «Тамма» граждане и юридические лица могут быть привлечены к административной и уголовной ответственности.

6.2. Вред, причиненный природным объектам и комплексам в границах ресурсного резервата «Тамма», подлежит возмещению в соответствии с утвержденными в установленном порядке таксами и методиками исчисления размера ущерба, а при их отсутствии - по фактическим затратам на их восстановление.

7. НАУЧНО-ИССЛЕДОВАТЕЛЬСКАЯ И ПРОСВЕТИТЕЛЬСКАЯ ДЕЯТЕЛЬНОСТЬ РЕСУРСНОГО РЕЗЕРВАТА

7.1. Научно-исследовательская деятельность ресурсного резервата «Тамма» направлена на изучение природных комплексов и экосистем, мониторинг природных процессов с целями оценки и прогноза экологической обстановки на территории ресурсного резервата, выработки рекомендаций по сохранению биологического разнообразия, природных и историко-культурных комплексов и объектов в условиях рекреационного и хозяйственного использования, воспроизводства и рационального использования природных ресурсов.

7.2. Научно-исследовательская деятельность в ресурсном резервате «Тамма» проводится научно-исследовательскими учреждениями и высшими учебными заведениями на договорных началах по программам и планам НИР, рассмотренным и согласованным с Министерством.

7.3. Просветительская деятельность ресурсного резервата «Тамма» включает выпуск буклетов, фотоальбомов, путеводителей, справочных материалов и иной печатной продукции, организацию музеев и экспозиций под открытым небом, организацию экологических объединений и центров, прохождение учебной и производственной практики студентами высших и средних специальных учебных заведений соответствующего профиля, освещение деятельности ресурсного резервата в средствах массовой информации и иные формы и методы социально-экологического воспитания и образования и пропаганды экологических знаний.

8. ФИНАНСОВО-ХОЗЯЙСТВЕННАЯ ДЕЯТЕЛЬНОСТЬ

8.1. Хозяйственная деятельность ресурсного резервата «Тамма» направлена на обеспечение надлежащей охраны природных и историко-культурных объектов, выполнение мероприятий по уходу за ними и их восстановлению.

8.2. Планы мероприятий по выполнению задач, стоящих перед ресурсным резерватом «Тамма», структура, штаты, планы материально-технического обеспечения выполняются в пределах выделенных бюджетных средств.

9. ОПИСАНИЕ ГРАНИЦ РЕСУРСНОГО РЕЗЕРВАТА

Общая площадь ресурсного резервата «Тамма» составляет 231 002 га.

Описание границ составлено по карте масштаба 1 : 200000.

Территория ресурсного резервата «Тамма» состоит из двух отдельных участков:

I участок. От места пересечения административных границ Мегино-Кангаласского, Хангаласского улусов и автомобильной дороги, далее на север по границе Мегино-Кангаласского и Хангаласского улусов до р. Улахан-Тарын. Затем верх по реке до пересечения с автомобильной дорогой и по ней до первоначальной дороги.

II участок. Северная граница - от места пересечения административных границ Амгинского улуса с р. Диринг-Юрюя, далее по левому берегу реки Диринг-Юрюя по течению до реки Тамма. Далее по левому берегу реки Тамма по течению до урочища Киэн-Ыарга, затем к западу по естественным рубежам (лесная дорога Киэн-Ыарга - Хаатылыма) до озера Аргаа-Бэрэ, далее с северной стороны озера до реки Улахан-Тарын, затем до пересечения реки Улахан-Тарын с линией электропередач, далее на юго-запад до стыка административных границ Мегино-Кангаласского и Хангаласского улусов.

Западная и южная границы - по административной границе Мегино-Кангаласского и Хангаласского улусов по границе до пересечения границ Амгинского, Мегино-Кангаласского и Хангаласского улусов.

Восточная граница - от стыка границ Мегино-Кангаласского, Амгинского и Хангаласского улусов на север до среднего течения реки Диринг-Юрюя до первоначальной точки описания.

Описание границ зоны абсолютного покоя (22 831 га)

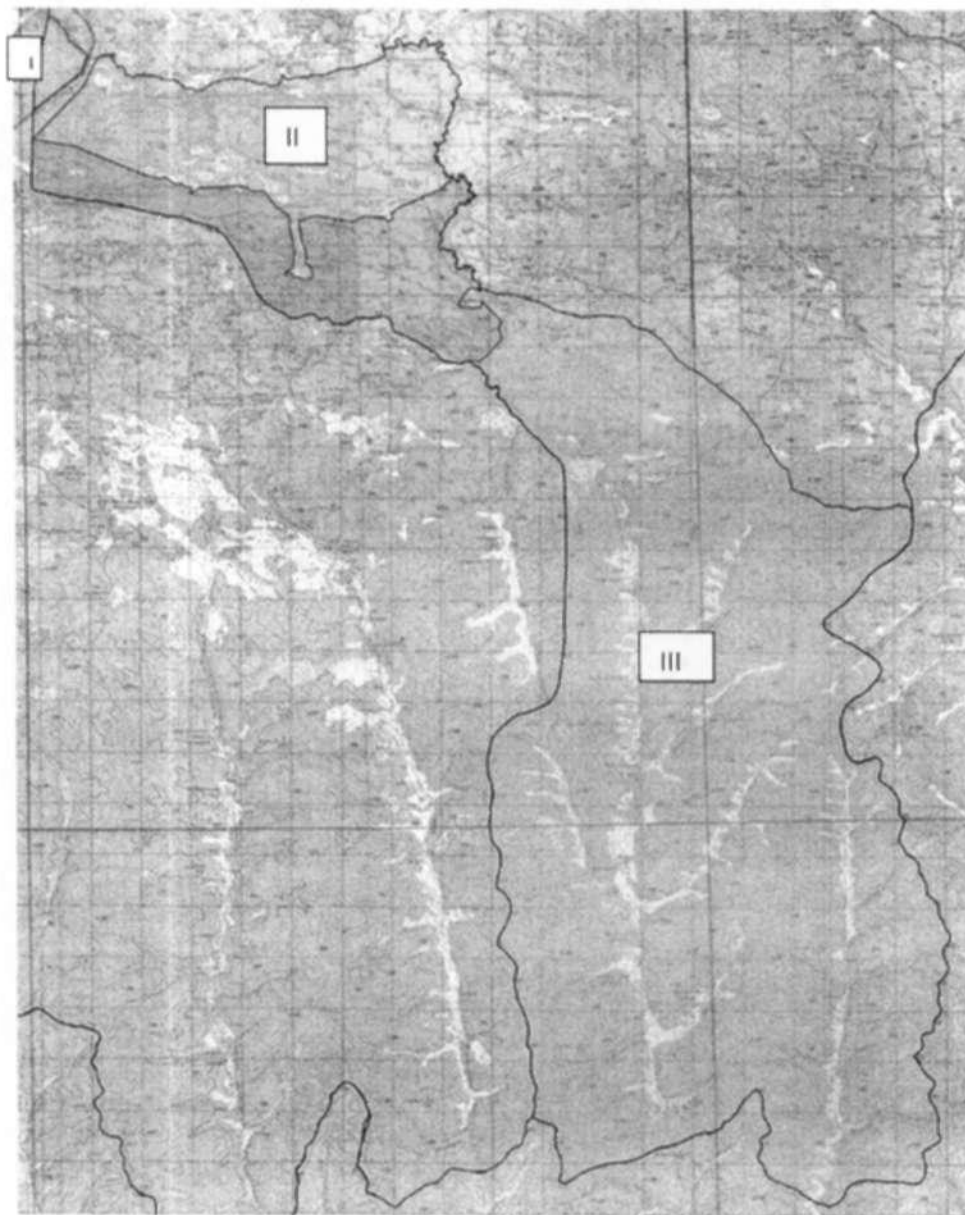
Описание границы составлено по карте масштаба 1:200 000.

Граница зоны абсолютного покоя начинается во втором участке зоны традиционного природопользования с точки в 1 км западнее от оз. Унюгестях, после чего идет в восточном направлении до южного берега оз. Унюгестях. Далее граница тянется в восточном направлении до южного берега оз. Хара-Хомустах. В дальнейшем продолжается в восточном направлении до южного берега оз. Хаха, доходит до ур. Бёте-Сюреге, далее огибает урочище (лет.) и озеро Делуо. Далее идет по проселочной дороге и в восточном направлении до южного берега озера ур. Арылах, после чего поворачивает в северо-восточном направлении до р. Тамма через высоту 183. В дальнейшем идет вверх по течению р. Тамма, затем огибает с запада урочище Быбыттах с озерами, далее по проселочной дороге до внешней границы резервата. Далее поворачивает в западном направлении и по границе резервата доходит до первоначальной точки.

Описание границ зоны традиционного природопользования (208 171 га).

В границы зоны традиционного природопользования входит вся остальная территория резервата, за исключением зоны абсолютного покоя

**СХЕМА ЗОНИРОВАНИЯ ГРАНИЦ
РЕСУРСНОГО РЕЗЕРВАТА «ТАММА»
В МЕГИНО-КАНГАЛАССКОМ УЛУСЕ**



Масштаб 1 : 2 000 000

Площадь общая = 231002 га

Площадь зоны традиционного природопользования = 208171 га

Площадь зоны абсолютного покоя = 22831 га

Условные обозначения:

- I. зона традиционного природопользования - зона зеленого цвета
- II. зона абсолютного покоя - зона красного цвета

**КООРДИНАТЫ УГЛОВЫХ ТОЧЕК
ЗОН РЕСУРСНОГО РЕЗЕРВАТА «ТАММА»
В МЕГИНО-КАНГАЛАССКОМ УЛУСЕ**

Географические координаты угловых точек
I участка зоны традиционного природопользования:

№	Северная широта			Восточная долгота		
	град.	мин.	сек.	град.	мин.	сек.
1	061°	34'	38.51"	129°	32'	37.26"
2	061°	34'	33.36"	129°	33'	07.51"
3	061°	34'	28.07"	129°	33'	25.67"
4	061°	34'	21.94"	129°	33'	33.78"
5	061°	34'	18.00"	129°	33'	39.18"
6	061°	34'	14.07"	129°	33'	42.76"
7	061°	34'	09.68"	129°	33'	53.63"
8	061°	34'	01.77"	129°	34'	11.74"
9	061°	33'	56.96"	129°	34'	17.12"
10	061°	33'	48.67"	129°	34'	22.44"
11	061°	33'	42.57"	129°	34'	25.07"
12	061°	33'	36.45"	129°	34'	31.34"
13	061°	33'	34.70"	129°	34'	34.04"
14	061°	33'	34.66"	129°	34'	43.17"
15	061°	33'	32.47"	129°	34'	46.77"
16	061°	33'	29.41"	129°	34'	51.28"
17	061°	33'	25.46"	129°	34'	57.59"
18	061°	33'	25.01"	129°	35'	01.23"
19	061°	33'	24.10"	129°	35'	11.25"
20	061°	33'	20.15"	129°	35'	19.38"
21	061°	33'	16.63"	129°	35'	28.43"
22	061°	33'	11.36"	129°	35'	39.28"
23	061°	33'	01.65"	129°	36'	06.32"
24	061°	32'	17.21"	129°	35'	31.27"
25	061°	30'	42.80"	129°	31'	10.75"
26	061°	30'	43.57"	129°	31'	10.83"
27	061°	30'	55.86"	129°	31'	14.66"
28	061°	31'	22.98"	129°	31'	15.61"
29	061°	31'	42.13"	129°	31'	17.29"
30	061°	31'	54.80"	129°	31'	23.02"
31	061°	32'	06.30"	129°	31'	27.62"
32	061°	32'	17.50"	129°	31'	33.20"
33	061°	32'	22.29"	129°	31'	35.12"
34	061°	32'	41.73"	129°	31'	44.39"
35	061°	32'	47.33"	129°	31'	47.31"
36	061°	33'	05.36"	129°	31'	55.95"
37	061°	33'	10.09"	129°	31'	57.87"
38	061°	33'	28.78"	129°	32'	04.68"
39	061°	33'	32.51"	129°	32'	06.34"

40	061°	33'	48.15"	129°	32'	13.92"
41	061°	34'	05.48"	129°	32'	23.21"
42	061°	34'	24.49"	129°	32'	32.02"
43	061°	34'	38.51"	129°	32'	37.26"

Географические координаты угловых точек 2 участка зоны традиционного природопользования:

№	Северная широта			Восточная долгота		
	град.	мин.	сек.	град.	мин.	сек.
1	061°	31'	56.49"	129°	42'	57.75"
2	061°	31'	56.49"	129°	42'	57.75"
3	061°	31'	57.91"	129°	43'	08.04"
4	061°	31'	58.07"	129°	43'	14.87"
5	061°	31'	57.47"	129°	43'	20.95"
6	061°	31'	56.23"	129°	43'	24.86"
7	061°	31'	55.27"	129°	43'	28.70"
8	061°	31'	55.23"	129°	43'	30.30"
9	061°	31'	56.08"	129°	43'	36.54"
10	061°	31'	57.29"	129°	43'	47.48"
11	061°	31'	57.31"	129°	43'	49.99"
12	061°	31'	57.14"	129°	43'	51.35"
13	061°	31'	56.80"	129°	43'	52.25"
14	061°	31'	53.83"	129°	43'	55.03"
15	061°	31'	52.86"	129°	43'	58.03"
16	061°	31'	52.54"	129°	44'	00.22"
17	061°	31'	52.48"	129°	44'	02.02"
18	061°	31'	52.66"	129°	44'	03.72"
19	061°	31'	53.19"	129°	44'	06.01"
20	061°	31'	54.59"	129°	44'	10.78"
21	061°	31'	54.64"	129°	44'	14.55"
22	061°	31'	53.54"	129°	44'	15.91"
23	061°	31'	52.57"	129°	44'	16.18"
24	061°	31'	51.57"	129°	44'	16.00"
25	061°	31'	48.63"	129°	44'	14.71"
26	061°	31'	48.18"	129°	44'	14.94"
27	061°	31'	47.72"	129°	44'	15.85"
28	061°	31'	46.21"	129°	44'	20.99"
29	061°	31'	45.31"	129°	44'	22.45"
30	061°	31'	43.37"	129°	44'	24.90"
31	061°	31'	43.10"	129°	44'	25.57"
32	061°	31'	42.99"	129°	44'	32.64"
33	061°	31'	42.35"	129°	44'	40.71"
34	061°	31'	41.96"	129°	44'	42.60"
35	061°	31'	41.54"	129°	44'	43.64"
36	061°	31'	40.65"	129°	44'	44.06"
37	061°	31'	40.06"	129°	44'	43.42"
38	061°	31'	38.79"	129°	44'	42.45"
39	061°	31'	38.09"	129°	44'	42.41"
40	061°	31'	36.83"	129°	44'	43.64"

41	061°	31'	36.09"	129°	44'	46.61"
42	061°	31'	36.09"	129°	44'	50.38"
43	061°	31'	37.02"	129°	44'	56.76"
44	061°	31'	36.99"	129°	44'	58.08"
45	061°	31'	36.73"	129°	44'	59.22"
46	061°	31'	33.89"	129°	45'	03.61"
47	061°	31'	33.47"	129°	45'	04.68"
48	061°	31'	33.38"	129°	45'	05.70"
49	061°	31'	33.52"	129°	45'	07.40"
50	061°	31'	34.26"	129°	45'	11.30"
51	061°	31'	34.69"	129°	45'	14.54"
52	061°	31'	34.86"	129°	45'	17.36"
53	061°	31'	34.15"	129°	45'	24.50"
54	061°	31'	33.81"	129°	45'	27.77"
55	061°	31'	33.27"	129°	45'	35.72"
56	061°	31'	32.94"	129°	45'	37.09"
57	061°	31'	29.73"	129°	45'	41.59"
58	061°	31'	28.40"	129°	45'	44.26"
59	061°	31'	27.50"	129°	45'	49.01"
60	061°	31'	27.32"	129°	45'	54.67"
61	061°	31'	28.04"	129°	45'	59.75"
62	061°	31'	28.75"	129°	46'	02.27"
63	061°	31'	30.03"	129°	46'	05.81"
64	061°	31'	30.61"	129°	46'	08.12"
65	061°	31'	30.72"	129°	46'	09.54"
66	061°	31'	30.60"	129°	46'	11.29"
67	061°	31'	28.77"	129°	46'	18.86"
68	061°	31'	28.81"	129°	46'	19.69"
69	061°	31'	32.01"	129°	46'	27.38"
70	061°	31'	40.66"	129°	46'	53.13"
71	061°	31'	47.21"	129°	47'	16.41"
72	061°	31'	50.25"	129°	47'	28.54"
73	061°	31'	50.77"	129°	47'	32.12"
74	061°	31'	51.45"	129°	47'	41.01"
75	061°	31'	52.04"	129°	47'	46.50"
76	061°	31'	53.11"	129°	47'	52.33"
77	061°	31'	53.20"	129°	47'	53.55"
78	061°	31'	55.12"	129°	48'	00.43"
79	061°	31'	57.50"	129°	48'	39.73"
80	061°	31'	59.94"	129°	49'	08.45"
81	061°	31'	59.90"	129°	49'	14.38"
82	061°	31'	57.54"	129°	49'	25.65"
83	061°	31'	58.32"	129°	49'	58.97"
84	061°	31'	57.12"	129°	50'	05.96"
85	061°	31'	56.75"	129°	50'	09.47"
86	061°	31'	56.66"	129°	50'	12.40"

87	061°	31'	56.77"	129°	50'	17.17"
88	061°	31'	56.20"	129°	50'	18.17"
89	061°	31'	53.84"	129°	50'	18.32"
90	061°	31'	53.45"	129°	50'	18.80"
91	061°	31'	53.27"	129°	50'	19.67"
92	061°	31'	53.51"	129°	50'	24.39"
93	061°	31'	54.85"	129°	50'	31.58"
94	061°	31'	55.70"	129°	50'	34.60"
95	061°	31'	56.56"	129°	50'	38.35"
96	061°	31'	56.77"	129°	50'	40.16"
97	061°	31'	56.45"	129°	50'	43.16"
98	061°	31'	55.96"	129°	50'	44.45"
99	061°	31'	55.28"	129°	50'	45.41"
100	061°	31'	54.48"	129°	50'	45.94"
101	061°	31'	52.05"	129°	50'	46.75"
102	061°	31'	51.46"	129°	50'	49.90"
103	061°	31'	47.22"	129°	51'	28.67"
104	061°	31'	46.38"	129°	51'	32.25"
105	061°	31'	45.62"	129°	51'	36.42"
106	061°	31'	45.45"	129°	51'	38.35"
107	061°	31'	45.66"	129°	51'	45.71"
108	061°	31'	46.46"	129°	51'	56.99"
109	061°	31'	46.37"	129°	51'	59.54"
110	061°	31'	45.33"	129°	52'	05.26"
111	061°	31'	44.07"	129°	52'	09.69"
112	061°	31'	40.79"	129°	52'	19.42"
113	061°	31'	39.75"	129°	52'	23.15"
114	061°	31'	39.15"	129°	52'	26.08"
115	061°	31'	38.81"	129°	52'	28.83"
116	061°	31'	38.67"	129°	52'	32.14"
117	061°	31'	41.37"	129°	53'	12.51"
118	061°	31'	41.89"	129°	53'	15.10"
119	061°	31'	42.50"	129°	53'	17.00"
120	061°	31'	44.88"	129°	53'	21.10"
121	061°	31'	50.39"	129°	53'	27.32"
122	061°	31'	56.32"	129°	53'	32.10"
123	061°	32'	01.35"	129°	53'	34.62"
124	061°	32'	04.14"	129°	53'	36.49"
125	061°	32'	06.57"	129°	53'	38.58"
126	061°	32'	07.61"	129°	53'	39.75"
127	061°	32'	08.00"	129°	53'	41.15"
128	061°	32'	06.94"	129°	53'	44.34"
129	061°	32'	06.00"	129°	53'	45.97"
130	061°	31'	57.92"	129°	53'	51.30"
131	061°	31'	56.37"	129°	53'	53.33"
132	061°	31'	55.64"	129°	53'	56.92"

133	061°	31'	55.46"	129°	53'	59.81"
134	061°	31'	56.51"	129°	54'	08.53"
135	061°	31'	56.65"	129°	54'	23.57"
136	061°	31'	56.63"	129°	54'	31.02"
137	061°	31'	56.80"	129°	54'	34.50"
138	061°	31'	58.89"	129°	54'	51.49"
139	061°	31'	59.32"	129°	54'	55.70"
140	061°	32'	00.87"	129°	55'	05.17"
141	061°	32'	00.98"	129°	55'	09.59"
142	061°	32'	00.77"	129°	55'	10.83"
143	061°	31'	59.90"	129°	55'	14.22"
144	061°	32'	00.10"	129°	55'	16.62"
145	061°	32'	00.23"	129°	55'	23.06"
146	061°	32'	00.42"	129°	55'	24.83"
147	061°	32'	00.71"	129°	55'	25.87"
148	061°	32'	01.79"	129°	55'	27.83"
149	061°	32'	02.26"	129°	55'	29.02"
150	061°	32'	02.57"	129°	55'	30.69"
151	061°	32'	02.77"	129°	55'	33.18"
152	061°	32'	02.75"	129°	55'	35.54"
153	061°	32'	02.14"	129°	55'	38.65"
154	061°	32'	01.01"	129°	55'	40.23"
155	061°	31'	58.73"	129°	55'	39.06"
156	061°	31'	58.47"	129°	55'	39.35"
157	061°	31'	57.93"	129°	55'	42.93"
158	061°	31'	57.92"	129°	55'	48.51"
159	061°	31'	58.18"	129°	55'	49.99"
160	061°	31'	58.63"	129°	55'	51.05"
161	061°	32'	00.97"	129°	55'	54.00"
162	061°	32'	02.36"	129°	55'	57.86"
163	061°	32'	03.84"	129°	56'	05.44"
164	061°	32'	04.96"	129°	56'	25.02"
165	061°	32'	05.37"	129°	56'	42.30"
166	061°	32'	04.75"	129°	57'	03.51"
167	061°	32'	04.73"	129°	57'	17.02"
168	061°	32'	05.74"	129°	57'	27.50"
169	061°	32'	19.27"	129°	58'	43.90"
170	061°	32'	21.02"	129°	59'	01.02"
171	061°	32'	22.03"	129°	59'	19.92"
172	061°	32'	21.75"	130°	00'	03.09"
173	061°	32'	31.58"	130°	01'	25.40"
174	061°	32'	42.94"	130°	02'	20.58"
175	061°	32'	48.71"	130°	02'	48.92"
176	061°	32'	49.75"	130°	02'	52.56"
177	061°	32'	51.17"	130°	02'	55.47"
178	061°	32'	53.67"	130°	02'	56.79"

179	061°	32'	57.86"	130°	02'	56.84"
180	061°	33'	01.84"	130°	02'	55.05"
181	061°	33'	12.11"	130°	02'	47.26"
182	061°	33'	18.08"	130°	02'	38.98"
183	061°	33'	18.85"	130°	02'	38.34"
184	061°	33'	19.24"	130°	02'	38.44"
185	061°	33'	19.57"	130°	02'	39.58"
186	061°	33'	19.40"	130°	02'	40.30"
187	061°	33'	12.19"	130°	02'	51.77"
188	061°	33'	10.02"	130°	02'	57.63"
189	061°	33'	09.47"	130°	03'	00.11"
190	061°	33'	09.27"	130°	03'	04.08"
191	061°	33'	10.39"	130°	03'	12.23"
192	061°	33'	12.24"	130°	03'	22.06"
193	061°	33'	12.60"	130°	03'	28.53"
194	061°	33'	12.50"	130°	03'	30.74"
195	061°	33'	12.60"	130°	03'	53.35"
196	061°	33'	13.32"	130°	04'	01.55"
197	061°	33'	14.55"	130°	04'	06.17"
198	061°	33'	16.15"	130°	04'	08.86"
199	061°	33'	17.84"	130°	04'	09.57"
200	061°	33'	19.36"	130°	04'	08.20"
201	061°	33'	22.11"	130°	04'	02.83"
202	061°	33'	25.21"	130°	03'	54.73"
203	061°	33'	25.84"	130°	03'	53.86"
204	061°	33'	26.55"	130°	03'	53.47"
205	061°	33'	29.17"	130°	03'	53.92"
206	061°	33'	31.52"	130°	03'	55.93"
207	061°	33'	32.95"	130°	03'	59.19"
208	061°	33'	34.06"	130°	04'	05.04"
209	061°	33'	34.35"	130°	04'	11.13"
210	061°	33'	33.71"	130°	04'	15.89"
211	061°	33'	32.12"	130°	04'	20.39"
212	061°	33'	30.23"	130°	04'	23.05"
213	061°	33'	29.25"	130°	04'	23.63"
214	061°	33'	26.35"	130°	04'	24.13"
215	061°	33'	22.64"	130°	04'	26.48"
216	061°	33'	19.18"	130°	04'	30.41"
217	061°	33'	17.61"	130°	04'	33.93"
218	061°	33'	16.85"	130°	04'	38.74"
219	061°	33'	16.91"	130°	04'	44.22"
220	061°	33'	17.81"	130°	04'	48.67"
221	061°	33'	19.60"	130°	04'	54.10"
222	061°	33'	20.95"	130°	05'	01.78"
223	061°	33'	22.81"	130°	05'	22.98"
224	061°	33'	22.82"	130°	05'	26.26"

225	061°	33'	21.99"	130°	05'	31.26"
226	061°	33'	16.58"	130°	05'	49.89"
227	061°	33'	13.61"	130°	06'	01.63"
228	061°	33'	13.59"	130°	06'	05.84"
229	061°	33'	14.34"	130°	06'	08.77"
230	061°	33'	15.87"	130°	06'	10.25"
231	061°	33'	18.72"	130°	06'	10.46"
232	061°	33'	21.71"	130°	06'	09.25"
233	061°	33'	24.16"	130°	06'	09.17"
234	061°	33'	27.08"	130°	06'	11.19"
235	061°	33'	29.59"	130°	06'	14.72"
236	061°	33'	31.42"	130°	06'	19.80"
237	061°	33'	33.02"	130°	06'	27.65"
238	061°	33'	33.59"	130°	06'	34.59"
239	061°	33'	33.25"	130°	06'	40.85"
240	061°	33'	32.37"	130°	06'	44.26"
241	061°	33'	30.52"	130°	06'	46.51"
242	061°	33'	27.34"	130°	06'	47.93"
243	061°	33'	17.66"	130°	06'	49.49"
244	061°	33'	16.36"	130°	06'	51.07"
245	061°	33'	15.53"	130°	06'	54.93"
246	061°	33'	15.30"	130°	07'	00.64"
247	061°	33'	15.99"	130°	07'	05.56"
248	061°	33'	18.59"	130°	07'	16.71"
249	061°	33'	18.88"	130°	07'	19.62"
250	061°	33'	18.43"	130°	07'	26.95"
251	061°	33'	19.07"	130°	07'	31.46"
252	061°	33'	21.26"	130°	07'	39.55"
253	061°	33'	24.55"	130°	07'	45.98"
254	061°	33'	24.92"	130°	07'	48.82"
255	061°	33'	24.46"	130°	07'	57.49"
256	061°	33'	23.41"	130°	08'	04.39"
257	061°	33'	21.88"	130°	08'	08.39"
258	061°	33'	19.49"	130°	08'	11.45"
259	061°	33'	16.81"	130°	08'	12.83"
260	061°	33'	15.12"	130°	08'	12.27"
261	061°	33'	14.11"	130°	08'	09.82"
262	061°	33'	13.28"	130°	08'	04.44"
263	061°	33'	12.62"	130°	07'	53.79"
264	061°	33'	11.21"	130°	07'	44.61"
265	061°	33'	09.70"	130°	07'	39.25"
266	061°	33'	07.97"	130°	07'	36.82"
267	061°	33'	05.48"	130°	07'	35.91"
268	061°	33'	02.68"	130°	07'	36.86"
269	061°	33'	00.40"	130°	07'	39.48"
270	061°	32'	58.98"	130°	07'	43.21"

271	061°	32'	57.78"	130°	07'	50.92"
272	061°	32'	57.18"	130°	08'	00.28"
273	061°	32'	57.33"	130°	08'	12.08"
274	061°	32'	56.64"	130°	08'	19.31"
275	061°	32'	55.44"	130°	08'	24.16"
276	061°	32'	54.27"	130°	08'	25.93"
277	061°	32'	53.18"	130°	08'	25.61"
278	061°	32'	51.87"	130°	08'	22.10"
279	061°	32'	49.62"	130°	08'	13.08"
280	061°	32'	46.99"	130°	08'	05.36"
281	061°	32'	45.28"	130°	08'	02.76"
282	061°	32'	43.62"	130°	08'	02.34"
283	061°	32'	41.90"	130°	08'	04.02"
284	061°	32'	40.18"	130°	08'	08.00"
285	061°	32'	39.02"	130°	08'	13.63"
286	061°	32'	38.77"	130°	08'	16.69"
287	061°	32'	38.55"	130°	08'	26.09"
288	061°	32'	37.74"	130°	08'	32.04"
289	061°	32'	36.25"	130°	08'	36.09"
290	061°	32'	33.90"	130°	08'	39.33"
291	061°	32'	30.61"	130°	08'	41.37"
292	061°	32'	27.28"	130°	08'	41.60"
293	061°	32'	25.16"	130°	08'	40.65"
294	061°	32'	22.92"	130°	08'	40.64"
295	061°	32'	20.68"	130°	08'	43.03"
296	061°	32'	18.45"	130°	08'	47.44"
297	061°	32'	14.79"	130°	08'	58.64"
298	061°	32'	11.91"	130°	09'	03.49"
299	061°	32'	07.99"	130°	09'	07.58"
300	061°	32'	04.37"	130°	09'	09.80"
301	061°	32'	02.95"	130°	09'	11.66"
302	061°	32'	02.61"	130°	09'	13.10"
303	061°	32'	01.81"	130°	09'	20.41"
304	061°	32'	00.41"	130°	09'	25.64"
305	061°	31'	58.08"	130°	09'	30.52"
306	061°	31'	56.10"	130°	09'	32.58"
307	061°	31'	54.12"	130°	09'	32.51"
308	061°	31'	53.21"	130°	09'	31.81"
309	061°	31'	50.52"	130°	09'	29.13"
310	061°	31'	49.93"	130°	09'	29.18"
311	061°	31'	49.42"	130°	09'	29.70"
312	061°	31'	48.88"	130°	09'	30.89"
313	061°	31'	46.50"	130°	09'	38.88"
314	061°	31'	45.63"	130°	09'	40.78"
315	061°	31'	40.52"	130°	09'	46.17"
316	061°	31'	37.71"	130°	09'	47.53"

317	061°	31'	36.54"	130°	09'	46.64"
318	061°	31'	35.86"	130°	09'	44.04"
319	061°	31'	35.88"	130°	09'	40.69"
320	061°	31'	36.48"	130°	09'	38.13"
321	061°	31'	36.71"	130°	09'	36.41"
322	061°	31'	36.56"	130°	09'	35.87"
323	061°	31'	35.75"	130°	09'	34.64"
324	061°	31'	32.48"	130°	09'	31.43"
325	061°	31'	28.92"	130°	09'	29.42"
326	061°	31'	28.00"	130°	09'	28.55"
327	061°	31'	27.45"	130°	09'	27.55"
328	061°	31'	26.93"	130°	09'	25.83"
329	061°	31'	26.21"	130°	09'	21.71"
330	061°	31'	25.62"	130°	09'	19.28"
331	061°	31'	25.26"	130°	09'	18.56"
332	061°	31'	24.78"	130°	09'	18.26"
333	061°	31'	24.16"	130°	09'	18.35"
334	061°	31'	23.54"	130°	09'	18.94"
335	061°	31'	23.05"	130°	09'	19.92"
336	061°	31'	22.06"	130°	09'	21.45"
337	061°	31'	21.44"	130°	09'	22.00"
338	061°	31'	20.49"	130°	09'	22.28"
339	061°	31'	19.17"	130°	09'	22.12"
340	061°	31'	17.52"	130°	09'	22.31"
341	061°	31'	16.21"	130°	09'	22.87"
342	061°	31'	15.16"	130°	09'	23.78"
343	061°	31'	14.44"	130°	09'	24.82"
344	061°	31'	13.30"	130°	09'	27.36"
345	061°	31'	12.45"	130°	09'	28.69"
346	061°	31'	11.47"	130°	09'	29.58"
347	061°	31'	10.14"	130°	09'	30.25"
348	061°	31'	08.97"	130°	09'	30.42"
349	061°	31'	08.09"	130°	09'	30.10"
350	061°	31'	07.13"	130°	09'	29.21"
351	061°	31'	05.94"	130°	09'	27.51"
352	061°	31'	04.73"	130°	09'	25.21"
353	061°	31'	03.78"	130°	09'	22.80"
354	061°	31'	03.14"	130°	09'	20.44"
355	061°	31'	02.22"	130°	09'	14.09"
356	061°	31'	01.85"	130°	09'	12.44"
357	061°	31'	01.54"	130°	09'	11.80"
358	061°	31'	00.99"	130°	09'	11.48"
359	061°	30'	59.94"	130°	09'	11.44"
360	061°	30'	56.90"	130°	09'	12.36"
361	061°	30'	54.33"	130°	09'	12.66"
362	061°	30'	53.20"	130°	09'	12.47"

363	061°	30'	52.71"	130°	09'	12.02"
364	061°	30'	52.32"	130°	09'	11.09"
365	061°	30'	51.92"	130°	09'	09.35"
366	061°	30'	51.67"	130°	09'	07.12"
367	061°	30'	51.67"	130°	09'	04.51"
368	061°	30'	51.94"	130°	09'	00.99"
369	061°	30'	51.96"	130°	08'	58.25"
370	061°	30'	51.76"	130°	08'	56.51"
371	061°	30'	51.34"	130°	08'	54.94"
372	061°	30'	50.79"	130°	08'	53.78"
373	061°	30'	50.12"	130°	08'	53.06"
374	061°	30'	49.30"	130°	08'	52.74"
375	061°	30'	48.36"	130°	08'	52.89"
376	061°	30'	47.32"	130°	08'	53.56"
377	061°	30'	46.32"	130°	08'	54.69"
378	061°	30'	45.55"	130°	08'	56.08"
379	061°	30'	45.03"	130°	08'	57.58"
380	061°	30'	44.73"	130°	08'	59.27"
381	061°	30'	44.65"	130°	09'	01.10"
382	061°	30'	45.37"	130°	09'	07.99"
383	061°	30'	45.38"	130°	09'	09.97"
384	061°	30'	45.22"	130°	09'	11.37"
385	061°	30'	44.96"	130°	09'	12.06"
386	061°	30'	44.62"	130°	09'	12.24"
387	061°	30'	44.07"	130°	09'	11.84"
388	061°	30'	42.62"	130°	09'	09.68"
389	061°	30'	41.19"	130°	09'	08.14"
390	061°	30'	39.30"	130°	09'	06.73"
391	061°	30'	36.69"	130°	09'	05.36"
392	061°	30'	34.85"	130°	09'	04.81"
393	061°	30'	31.63"	130°	09'	03.43"
394	061°	30'	30.48"	130°	09'	02.61"
395	061°	30'	29.63"	130°	09'	01.56"
396	061°	30'	28.69"	130°	08'	59.77"
397	061°	30'	27.71"	130°	08'	57.26"
398	061°	30'	27.16"	130°	08'	55.25"
399	061°	30'	26.91"	130°	08'	53.52"
400	061°	30'	26.29"	130°	08'	50.27"
401	061°	30'	25.83"	130°	08'	48.76"
402	061°	30'	25.20"	130°	08'	47.73"
403	061°	30'	24.22"	130°	08'	46.81"
404	061°	30'	23.11"	130°	08'	46.25"
405	061°	30'	22.05"	130°	08'	46.19"
406	061°	30'	20.84"	130°	08'	46.70"
407	061°	30'	19.92"	130°	08'	47.50"
408	061°	30'	18.05"	130°	08'	48.63"

409	061°	30'	16.68"	130°	08'	49.03"
410	061°	30'	15.75"	130°	08'	48.91"
411	061°	30'	15.01"	130°	08'	48.36"
412	061°	30'	14.17"	130°	08'	47.16"
413	061°	30'	13.17"	130°	08'	45.10"
414	061°	30'	12.27"	130°	08'	42.56"
415	061°	30'	11.22"	130°	08'	38.13"
416	061°	30'	10.75"	130°	08'	36.45"
417	061°	30'	10.31"	130°	08'	35.63"
418	061°	30'	09.62"	130°	08'	35.06"
419	061°	30'	08.44"	130°	08'	34.67"
420	061°	30'	06.92"	130°	08'	34.65"
421	061°	30'	05.57"	130°	08'	35.05"
422	061°	30'	03.81"	130°	08'	36.10"
423	061°	30'	01.79"	130°	08'	36.79"
424	061°	30'	01.22"	130°	08'	36.63"
425	061°	30'	00.68"	130°	08'	35.93"
426	061°	29'	59.94"	130°	08'	34.29"
427	061°	29'	59.12"	130°	08'	31.79"
428	061°	29'	58.50"	130°	08'	28.95"
429	061°	29'	57.88"	130°	08'	24.68"
430	061°	29'	57.46"	130°	08'	23.22"
431	061°	29'	56.89"	130°	08'	22.14"
432	061°	29'	56.03"	130°	08'	21.19"
433	061°	29'	54.89"	130°	08'	20.47"
434	061°	29'	53.53"	130°	08'	20.14"
435	061°	29'	51.76"	130°	08'	20.23"
436	061°	29'	49.59"	130°	08'	20.85"
437	061°	29'	47.81"	130°	08'	21.79"
438	061°	29'	45.38"	130°	08'	23.87"
439	061°	29'	44.12"	130°	08'	24.50"
440	061°	29'	43.21"	130°	08'	24.44"
441	061°	29'	41.73"	130°	08'	23.70"
442	061°	29'	39.17"	130°	08'	21.81"
443	061°	29'	35.84"	130°	08'	18.83"
444	061°	29'	32.97"	130°	08'	15.78"
445	061°	29'	31.31"	130°	08'	13.64"
446	061°	29'	30.58"	130°	08'	12.28"
447	061°	29'	30.28"	130°	08'	11.17"
448	061°	29'	30.19"	130°	08'	09.55"
449	061°	29'	30.46"	130°	08'	03.63"
450	061°	29'	30.42"	130°	08'	00.71"
451	061°	29'	30.22"	130°	07'	58.94"
452	061°	29'	29.93"	130°	07'	57.97"
453	061°	29'	29.42"	130°	07'	57.29"
454	061°	29'	28.57"	130°	07'	56.82"

455	061*	29'	27.68"	130°	07'	56.79"
456	061*	29'	26.98"	130°	07'	57.21"
457	061*	29'	26.17"	130°	07'	58.35"
458	061*	29'	24.86"	130°	08'	00.94"
459	061*	29'	23.40"	130°	08'	04.56"
460	061*	29'	22.50"	130°	08'	07.39"
461	061*	29'	21.05"	130°	08'	12.33"
462	061*	29'	20.39"	130°	08'	14.06"
463	061*	29'	19.94"	130°	08'	14.77"
464	061*	29'	19.28"	130°	08'	15.20"
465	061*	29'	18.28"	130°	08'	15.25"
466	061*	29'	16.98"	130°	08'	14.80"
467	061*	29'	15.61"	130°	08'	13.82"
468	061*	29'	14.46"	130°	08'	12.54"
469	061*	29'	13.66"	130°	08'	11.19"
470	061*	29'	13.05"	130°	08'	09.56"
471	061*	29'	12.34"	130°	08'	06.56"
472	061*	29'	11.44"	130°	08'	01.54"
473	061*	29'	10.88"	130°	07'	57.24"
474	061*	29'	10.69"	130°	07'	54.26"
475	061*	29'	10.25"	130°	07'	50.78"
476	061*	29'	09.96"	130°	07'	49.68"
477	061*	29'	09.62"	130°	07'	49.20"
478	061*	29'	08.92"	130°	07'	48.81"
479	061*	29'	07.93"	130°	07'	48.52"
480	061*	29'	06.32"	130°	07'	47.60"
481	061*	29'	04.81"	130°	07'	46.24"
482	061*	29'	03.33"	130°	07'	44.41"
483	061*	29'	02.39"	130°	07'	42.81"
484	061*	29'	01.99"	130°	07'	41.69"
485	061*	29'	01.89"	130°	07'	40.69"
486	061*	29'	02.02"	130°	07'	39.41"
487	061*	29'	02.53"	130°	07'	37.46"
488	061*	29'	03.54"	130°	07'	34.77"
489	061*	29'	04.76"	130°	07'	32.23"
490	061*	29'	05.95"	130°	07'	30.48"
491	061*	29'	06.91"	130°	07'	29.50"
492	061*	29'	08.51"	130°	07'	27.55"
493	061*	29'	09.32"	130°	07'	26.03"
494	061*	29'	10.05"	130°	07'	24.01"
495	061*	29'	10.58"	130°	07'	21.86"
496	061*	29'	10.83"	130°	07'	19.86"
497	061*	29'	10.84"	130°	07'	18.11"
498	061*	29'	10.64"	130°	07'	16.70"
499	061*	29'	10.26"	130°	07'	15.64"
500	061*	29'	09.68"	130°	07'	14.84"

501	061*	29'	08.90"	130°	07'	14.38"
502	061*	29'	07.94"	130°	07'	14.35"
503	061*	29'	06.83"	130°	07'	14.83"
504	061*	29'	05.74"	130°	07'	15.76"
505	061*	29'	04.93"	130°	07'	16.89"
506	061*	29'	04.31"	130°	07'	18.36"
507	061*	29'	03.18"	130°	07'	22.47"
508	061*	29'	02.45"	130°	07'	24.22"
509	061*	29'	01.66"	130°	07'	25.43"
510	061*	29'	00.75"	130°	07'	26.26"
511	061*	28'	59.69"	130°	07'	26.66"
512	061*	28'	58.74"	130°	07'	26.60"
513	061*	28'	56.93"	130°	07'	26.85"
514	061*	28'	56.12"	130°	07'	27.35"
515	061*	28'	55.45"	130°	07'	28.20"
516	061*	28'	55.01"	130°	07'	29.26"
517	061*	28'	54.77"	130°	07'	30.63"
518	061*	28'	54.71"	130°	07'	35.54"
519	061*	28'	54.53"	130°	07'	38.05"
520	061*	28'	54.26"	130°	07'	39.22"
521	061*	28'	53.81"	130°	07'	40.12"
522	061*	28'	53.15"	130°	07'	40.77"
523	061*	28'	52.29"	130°	07'	41.07"
524	061*	28'	51.24"	130°	07'	40.93"
525	061*	28'	50.12"	130°	07'	40.30"
526	061*	28'	49.00"	130°	07'	39.19"
527	061*	28'	48.09"	130°	07'	37.79"
528	061*	28'	47.46"	130°	07'	36.26"
529	061*	28'	47.04"	130°	07'	34.50"
530	061*	28'	45.88"	130°	07'	26.61"
531	061*	28'	45.10"	130°	07'	23.03"
532	061*	28'	44.33"	130°	07'	20.45"
533	061*	28'	43.78"	130°	07'	19.29"
534	061*	28'	42.91"	130°	07'	18.37"
535	061*	28'	40.72"	130°	07'	16.86"
536	061*	28'	37.26"	130°	07'	15.03"
537	061*	28'	34.74"	130°	07'	14.09"
538	061*	28'	33.40"	130°	07'	13.98"
539	061*	28'	32.33"	130°	07'	14.33"
540	061*	28'	31.45"	130°	07'	15.05"
541	061*	28'	30.90"	130°	07'	15.94"
542	061*	28'	30.58"	130°	07'	17.03"
543	061*	28'	30.44"	130°	07'	18.45"
544	061*	28'	30.51"	130°	07'	20.21"
545	061*	28'	30.80"	130°	07'	21.92"
546	061*	28'	31.24"	130°	07'	23.13"

547	061°	28'	32.08"	130°	07'	24.34"
548	061°	28'	33.36"	130°	07'	26.59"
549	061°	28'	33.63"	130°	07'	27.86"
550	061°	28'	33.71"	130°	07'	29.54"
551	061°	28'	33.57"	130°	07'	31.23"
552	061°	28'	33.25"	130°	07'	32.60"
553	061°	28'	32.73"	130°	07'	33.68"
554	061°	28'	32.16"	130°	07'	34.28"
555	061°	28'	31.68"	130°	07'	34.32"
556	061°	28'	31.19"	130°	07'	33.82"
557	061°	28'	30.55"	130°	07'	32.55"
558	061°	28'	29.24"	130°	07'	28.86"
559	061°	28'	28.09"	130°	07'	26.29"
560	061°	28'	26.92"	130°	07'	24.34"
561	061°	28'	25.48"	130°	07'	22.58"
562	061°	28'	24.24"	130°	07'	21.52"
563	061°	28'	23.35"	130°	07'	21.20"
564	061°	28'	22.52"	130°	07'	21.40"
565	061°	28'	21.49"	130°	07'	22.21"
566	061°	28'	20.44"	130°	07'	23.55"
567	061°	28'	19.77"	130°	07'	24.84"
568	061°	28'	19.52"	130°	07'	25.86"
569	061°	28'	19.51"	130°	07'	27.20"
570	061°	28'	19.79"	130°	07'	29.60"
571	061°	28'	05.96"	130°	07'	15.66"
572	061°	28'	01.67"	130°	07'	17.72"
573	061°	27'	51.71"	130°	07'	11.91"
574	061°	27'	46.27"	130°	06'	45.34"
575	061°	27'	42.03"	130°	06'	31.55"
576	061°	27'	18.06"	130°	05'	42.51"
577	061°	27'	03.74"	130°	04'	43.82"
578	061°	26'	52.26"	130°	04'	09.79"
579	061°	26'	37.54"	130°	03'	59.29"
580	061°	26'	26.02"	130°	03'	57.99"
581	061°	26'	17.30"	130°	03'	32.25"
582	061°	26'	10.05"	130°	03'	13.38"
583	061°	26'	01.51"	130°	03'	20.36"
584	061°	25'	54.99"	130°	03'	20.14"
585	061°	25'	51.02"	130°	02'	59.11"
586	061°	25'	52.85"	130°	02'	47.36"
587	061°	26'	01.43"	130°	02'	34.93"
588	061°	26'	05.05"	130°	00'	50.10"
589	061°	25'	55.35"	130°	00'	07.99"
590	061°	25'	51.67"	129°	59'	36.08"
591	061°	25'	56.90"	129°	58'	34.47"
592	061°	26'	06.90"	129°	56'	32.11"

593	061°	26'	04.96"	129°	55'	58.44"
594	061°	25'	59.50"	129°	55'	29.20"
595	061°	25'	56.25"	129°	54'	54.58"
596	061°	25'	31.00"	129°	54'	56.57"
597	061°	25'	16.17"	129°	55'	02.49"
598	061°	24'	54.77"	129°	55'	14.57"
599	061°	24'	32.18"	129°	55'	31.03"
600	061°	24'	19.14"	129°	55'	28.83"
601	061°	24'	06.56"	129°	55'	23.92"
602	061°	24'	02.16"	129°	55'	31.05"
603	061°	23'	57.91"	129°	55'	48.17"
604	061°	23'	51.98"	129°	55'	56.62"
605	061°	23'	40.43"	129°	55'	59.45"
606	061°	23'	31.05"	129°	56'	01.89"
607	061°	23'	27.38"	129°	55'	58.15"
608	061°	23'	25.70"	129°	55'	49.03"
609	061°	23'	25.39"	129°	55'	31.78"
610	061°	23'	25.48"	129°	55'	18.18"
611	061°	23'	30.96"	129°	54'	39.32"
612	061°	23'	29.78"	129°	54'	20.24"
613	061°	23'	33.73"	129°	54'	14.91"
614	061°	23'	40.10"	129°	54'	06.92"
615	061°	23'	43.78"	129°	53'	52.51"
616	061°	23'	37.43"	129°	53'	41.90"
617	061°	23'	35.97"	129°	53'	33.23"
618	061°	23'	39.68"	129°	53'	30.62"
619	061°	23'	42.73"	129°	53'	31.16"
620	061°	23'	46.57"	129°	53'	42.16"
621	061°	23'	47.79"	129°	53'	54.44"
622	061°	23'	49.12"	129°	54'	07.18"
623	061°	23'	52.01"	129°	54'	14.30"
624	061°	23'	58.04"	129°	54'	15.60"
625	061°	24'	30.37"	129°	54'	27.89"
626	061°	24'	41.16"	129°	54'	26.96"
627	061°	24'	55.12"	129°	54'	21.01"
628	061°	25'	34.38"	129°	54'	06.71"
629	061°	26'	07.49"	129°	54'	01.30"
630	061°	26'	33.20"	129°	52'	47.52"
631	061°	26'	53.30"	129°	51'	27.19"
632	061°	27'	25.76"	129°	49'	34.42"
633	061°	27'	46.92"	129°	48'	47.70"
634	061°	28'	13.30"	129°	48'	01.99"
635	061°	28'	27.31"	129°	47'	47.80"
636	061°	28'	52.66"	129°	47'	27.52"
637	061°	28'	55.86"	129°	47'	24.32"
638	061°	29'	03.03"	129°	47'	24.96"

639	061°	29'	08.92"	129°	47'	22.83"
640	061°	29'	15.49"	129°	47'	14.35"
641	061°	29'	21.59"	129°	47'	13.14"
642	061°	29'	28.99"	129°	47'	13.79"
643	061°	29'	35.12"	129°	47'	06.66"
644	061°	29'	41.44"	129°	47'	05.00"
645	061°	29'	51.64"	129°	47'	07.98"
646	061°	29'	59.41"	129°	47'	19.11"
647	061°	30'	06.11"	129°	47'	27.01"
648	061°	30'	13.71"	129°	47'	29.03"
649	061°	30'	22.24"	129°	47'	21.50"
650	061°	30'	29.02"	129°	47'	14.85"
651	061°	30'	39.48"	129°	47'	11.01"
652	061°	30'	49.47"	129°	47'	14.91"
653	061°	30'	54.69"	129°	47'	15.04"
654	061°	31'	03.21"	129°	47'	09.33"
655	061°	31'	08.69"	129°	47'	01.27"
656	061°	31'	14.29"	129°	46'	50.11"
657	061°	31'	17.86"	129°	46'	33.80"
658	061°	31'	16.46"	129°	45'	32.73"
659	061°	31'	17.25"	129°	44'	51.67"
660	061°	31'	24.91"	129°	44'	02.65"
661	061°	31'	24.15"	129°	43'	41.68"
662	061°	31'	23.16"	129°	43'	23.43"
663	061°	31'	22.37"	129°	43'	08.38"
664	061°	31'	20.94"	129°	42'	50.13"
665	061°	31'	17.42"	129°	42'	35.08"
666	061°	31'	16.52"	129°	41'	50.12"
667	061°	31'	29.80"	129°	41'	49.05"
668	061°	31'	33.29"	129°	42'	07.35"
669	061°	31'	37.30"	129°	42'	30.68"
670	061°	31'	56.49"	129°	42'	57.75"

Географические координаты угловых точек 3 участка зоны традиционного природопользования:

№	Северная широта			Восточная долгота		
	град.	мин.	сек.	град.	мин.	сек.
1	061°	22'	26.74"	130°	09'	24.05"
2	061°	22'	52.78"	130°	10'	05.39"
3	061°	22'	52.66"	130°	10'	31.46"
4	061°	22'	48.79"	130°	10'	51.50"
5	061°	22'	48.21"	130°	11'	01.27"
6	061°	22'	47.43"	130°	11'	00.67"
7	061°	22'	46.62"	130°	11'	00.51"
8	061°	22'	46.06"	130°	11'	00.80"

9	061°	22'	45.66"	130°	11'	01.47"
10	061°	22'	45.42"	130°	11'	02.50"
11	061°	22'	45.38"	130°	11'	03.78"
12	061°	22'	45.60"	130°	11'	05.51"
13	061°	22'	46.21"	130°	11'	07.98"
14	061°	22'	47.09"	130°	11'	10.59"
15	061°	22'	48.06"	130°	11'	12.68"
16	061°	22'	48.81"	130°	11'	13.77"
17	061°	22'	50.12"	130°	11'	16.03"
18	061°	22'	51.12"	130°	11'	19.08"
19	061°	22'	49.77"	130°	11'	26.78"
20	061°	22'	45.66"	130°	11'	49.94"
21	061°	22'	38.75"	130°	12'	23.41"
22	061°	22'	38.69"	130°	12'	57.33"
23	061°	22'	38.81"	130°	13'	37.02"
24	061°	22'	35.17"	130°	14'	10.61"
25	061°	22'	26.95"	130°	14'	50.96"
26	061°	22'	15.17"	130°	16'	20.25"
27	061°	21'	51.15"	130°	17'	59.44"
28	061°	21'	35.14"	130°	20'	09.16"
29	061°	21'	37.89"	130°	21'	55.38"
30	061°	21'	33.81"	130°	23'	55.68"
31	061°	21'	07.56"	130°	24'	49.03"
32	061°	20'	58.27"	130°	25'	58.00"
33	061°	20'	37.07"	130°	27'	06.40"
34	061°	20'	13.30"	130°	27'	48.40"
35	061°	19'	44.04"	130°	28'	31.12"
36	061°	19'	18.00"	130°	29'	35.86"
37	061°	19'	10.74"	130°	30'	13.46"
38	061°	18'	58.38"	130°	30'	52.04"
39	061°	18'	37.06"	130°	31'	44.16"
40	061°	18'	21.96"	130°	32'	17.97"
41	061°	17'	46.06"	130°	33'	53.63"
42	061°	16'	38.32"	130°	35'	36.96"
43	061°	16'	02.04"	130°	36'	04.86"
44	061°	15'	58.40"	130°	36'	13.90"
45	061°	15'	57.06"	130°	36'	18.83"
46	061°	15'	56.79"	130°	36'	24.47"
47	061°	15'	56.58"	130°	36'	26.62"
48	061°	15'	56.23"	130°	36'	27.72"
49	061°	15'	52.85"	130°	36'	31.47"
50	061°	15'	48.86"	130°	36'	32.25"
51	061°	15'	47.01"	130°	36'	32.69"
52	061°	15'	45.44"	130°	36'	33.51"
53	061°	15'	17.84"	130°	37'	05.52"
54	061°	15'	04.29"	130°	37'	31.19"

55	061°	14'	56.71"	130°	37'	56.76"
56	061°	14'	54.37"	130°	38'	02.47"
57	061°	14'	52.87"	130°	38'	03.87"
58	061°	14'	45.71"	130°	38'	04.75"
59	061°	14'	30.65"	130°	38'	06.65"
60	061°	14'	25.16"	130°	38'	10.47"
61	061°	14'	21.05"	130°	38'	16.49"
62	061°	14'	19.04"	130°	38'	17.91"
63	061°	14'	17.30"	130°	38'	17.06"
64	061°	14'	15.14"	130°	38'	14.47"
65	061°	14'	12.85"	130°	38'	13.73"
66	061°	14'	09.88"	130°	38'	14.79"
67	061°	14'	07.40"	130°	38'	17.32"
68	061°	14'	05.02"	130°	38'	22.20"
69	061°	14'	02.54"	130°	38'	30.61"
70	061°	13'	52.36"	130°	39'	29.95"
71	061°	13'	47.42"	130°	39'	57.81"
72	061°	13'	40.60"	130°	40'	20.97"
73	061°	13'	29.36"	130°	40'	51.95"
74	061°	13'	21.34"	130°	41'	17.74"
75	061°	13'	21.15"	130°	41'	22.41"
76	061°	13'	21.79"	130°	41'	26.65"
77	061°	13'	22.30"	130°	41'	29.86"
78	061°	13'	20.31"	130°	41'	43.08"
79	061°	13'	19.53"	130°	41'	45.59"
80	061°	13'	17.84"	130°	41'	50.31"
81	061°	13'	17.59"	130°	41'	51.72"
82	061°	13'	17.60"	130°	41'	52.93"
83	061°	13'	18.36"	130°	41'	56.76"
84	061°	13'	18.93"	130°	41'	59.35"
85	061°	13'	19.45"	130°	42'	02.71"
86	061°	13'	19.71"	130°	42'	05.96"
87	061°	13'	19.79"	130°	42'	10.00"
88	061°	13'	18.67"	130°	42'	38.22"
89	061°	13'	16.34"	130°	42'	49.75"
90	061°	13'	13.97"	130°	43'	10.78"
91	061°	13'	13.39"	130°	43'	13.56"
92	061°	13'	11.11"	130°	43'	21.80"
93	061°	13'	10.80"	130°	43'	27.28"
94	061°	13'	08.94"	130°	43'	43.62"
95	061°	13'	08.57"	130°	43'	47.55"
96	061°	13'	08.55"	130°	43'	49.88"
97	061°	13'	09.31"	130°	43'	53.97"
98	061°	13'	12.23"	130°	44'	02.55"
99	061°	13'	12.90"	130°	44'	05.66"
100	061°	13'	13.36"	130°	44'	15.65"

101	061°	13'	14.13"	130°	44'	26.90"
102	061°	13'	15.63"	130°	44'	44.75"
103	061°	13'	15.02"	130°	44'	56.22"
104	061°	13'	13.49"	130°	45'	08.75"
105	061°	13'	13.03"	130°	45'	14.17"
106	061°	13'	11.46"	130°	45'	34.55"
107	061°	13'	11.52"	130°	45'	53.74"
108	061°	13'	12.05"	130°	46'	00.69"
109	061°	13'	12.27"	130°	46'	06.85"
110	061°	13'	12.06"	130°	46'	17.41"
111	061°	13'	11.40"	130°	46'	24.22"
112	061°	13'	12.06"	130°	46'	44.26"
113	061°	13'	13.81"	130°	47'	05.89"
114	061°	13'	14.31"	130°	47'	09.33"
115	061°	13'	14.79"	130°	47'	11.36"
116	061°	13'	15.23"	130°	47'	12.18"
117	061°	13'	17.95"	130°	47'	14.47"
118	061°	13'	18.31"	130°	47'	16.54"
119	061°	13'	17.62"	130°	47'	23.26"
120	061°	13'	17.46"	130°	47'	26.20"
121	061°	13'	17.55"	130°	47'	28.35"
122	061°	13'	18.53"	130°	47'	32.72"
123	061°	13'	20.70"	130°	47'	39.49"
124	061°	13'	21.43"	130°	47'	44.15"
125	061°	13'	21.32"	130°	47'	45.17"
126	061°	13'	20.93"	130°	47'	46.17"
127	061°	13'	18.81"	130°	47'	49.13"
128	061°	13'	18.01"	130°	47'	50.69"
129	061°	13'	16.41"	130°	47'	55.93"
130	061°	13'	15.35"	130°	48'	03.04"
131	061°	13'	15.07"	130°	48'	07.45"
132	061°	13'	15.00"	130°	48'	11.95"
133	061°	13'	15.16"	130°	48'	15.32"
134	061°	13'	15.61"	130°	48'	21.93"
135	061°	13'	15.45"	130°	48'	23.27"
136	061°	13'	13.97"	130°	48'	28.94"
137	061°	13'	13.67"	130°	48'	32.28"
138	061°	13'	00.33"	130°	48'	53.38"
139	061°	12'	47.61"	130°	48'	52.78"
140	061°	12'	33.10"	130°	48'	53.01"
141	061°	12'	20.13"	130°	48'	51.60"
142	061°	12'	00.38"	130°	48'	44.57"
143	061°	11'	56.44"	130°	48'	42.87"
144	061°	11'	45.10"	130°	48'	33.51"
145	061°	11'	39.92"	130°	48'	23.97"
146	061°	11'	34.86"	130°	48'	14.58"

147	061°	11'	32.10"	130°	48'	07.06"
148	061°	11'	25.91"	130°	47'	54.25"
149	061°	11'	19.65"	130°	47'	41.04"
150	061°	11'	08.88"	130°	47'	13.25"
151	061°	11'	03.62"	130°	47'	00.63"
152	061°	11'	00.12"	130°	46'	49.32"
153	061°	10'	52.98"	130°	46'	24.42"
154	061°	10'	49.88"	130°	46'	10.99"
155	061°	10'	47.41"	130°	46'	01.08"
156	061°	10'	44.10"	130°	45'	48.18"
157	061°	10'	40.81"	130°	45'	38.09"
158	061°	10'	38.32"	130°	45'	28.05"
159	061°	10'	30.46"	130°	45'	09.95"
160	061°	10'	24.83"	130°	44'	55.31"
161	061°	10'	20.31"	130°	44'	45.16"
162	061°	10'	13.12"	130°	44'	30.04"
163	061°	10'	00.95"	130°	44'	13.98"
164	061°	09'	47.60"	130°	43'	51.17"
165	061°	09'	42.69"	130°	43'	42.34"
166	061°	09'	38.81"	130°	43'	33.44"
167	061°	09'	35.11"	130°	43'	26.54"
168	061°	09'	31.77"	130°	43'	17.94"
169	061°	09'	27.67"	130°	43'	08.88"
170	061°	09'	17.14"	130°	42'	47.31"
171	061°	09'	09.36"	130°	42'	27.23"
172	061°	09'	03.85"	130°	42'	11.69"
173	061°	08'	58.59"	130°	41'	54.55"
174	061°	08'	52.23"	130°	41'	35.62"
175	061°	08'	49.01"	130°	41'	27.56"
176	061°	08'	45.51"	130°	41'	18.82"
177	061°	08'	44.02"	130°	41'	14.06"
178	061°	08'	38.19"	130°	41'	00.91"
179	061°	08'	33.99"	130°	40'	50.53"
180	061°	08'	27.82"	130°	40'	43.65"
181	061°	08'	23.18"	130°	40'	42.46"
182	061°	08'	19.58"	130°	40'	44.14"
183	061°	08'	19.58"	130°	40'	44.15"
184	061°	08'	16.10"	130°	40'	45.83"
185	061°	08'	09.47"	130°	40'	55.24"
186	061°	08'	04.81"	130°	41'	03.28"
187	061°	07'	57.98"	130°	41'	20.29"
188	061°	07'	53.92"	130°	41'	33.71"
189	061°	07'	50.23"	130°	41'	50.88"
190	061°	07'	46.18"	130°	42'	06.97"
191	061°	07'	42.03"	130°	42'	19.58"
192	061°	07'	35.72"	130°	42'	42.89"

193	061°	07'	29.92"	130°	43'	08.63"
194	061°	07'	19.73"	130°	43'	42.55"
195	061°	07'	13.55"	130°	44'	00.38"
196	061°	07'	10.38"	130°	44'	09.56"
197	061°	07'	05.82"	130°	44'	25.08"
198	061°	07'	02.79"	130°	44'	35.73"
199	061°	06'	52.45"	130°	45'	04.82"
200	061°	06'	42.47"	130°	45'	22.97"
201	061°	06'	37.59"	130°	45'	34.31"
202	061°	06'	31.10"	130°	45'	38.90"
203	061°	06'	25.35"	130°	45'	40.58"
204	061°	06'	19.33"	130°	45'	40.78"
205	061°	06'	13.65"	130°	45'	37.39"
206	061°	06'	08.37"	130°	45'	31.22"
207	061°	06'	01.02"	130°	45'	18.53"
208	061°	05'	52.35"	130°	45'	05.37"
209	061°	05'	41.26"	130°	44'	44.19"
210	061°	05'	30.60"	130°	44'	21.85"
211	061°	05'	20.21"	130°	43'	51.25"
212	061°	05'	15.59"	130°	43'	31.11"
213	061°	05'	12.14"	130°	43'	12.63"
214	061°	05'	09.01"	130°	43'	03.92"
215	061°	05'	06.23"	130°	42'	55.10"
216	061°	05'	01.48"	130°	42'	44.57"
217	061°	04'	54.28"	130°	42'	33.50"
218	061°	04'	53.08"	130°	42'	32.64"
219	061°	04'	41.55"	130°	42'	18.67"
220	061°	04'	31.42"	130°	42'	10.39"
221	061°	04'	24.40"	130°	42'	05.07"
222	061°	04'	16.61"	130°	42'	00.25"
223	061°	04'	09.16"	130°	41'	59.05"
224	061°	03'	53.91"	130°	42'	00.91"
225	061°	03'	44.79"	130°	42'	05.08"
226	061°	03'	37.14"	130°	42'	08.94"
227	061°	03'	29.01"	130°	42'	13.84"
228	061°	03'	11.97"	130°	42'	19.59"
229	061°	03'	05.34"	130°	42'	21.77"
230	061°	02'	58.21"	130°	42'	25.78"
231	061°	02'	50.56"	130°	42'	30.44"
232	061°	02'	44.07"	130°	42'	38.48"
233	061°	02'	36.16"	130°	42'	54.21"
234	061°	02'	32.51"	130°	43'	05.35"
235	061°	02'	30.92"	130°	43'	19.50"
236	061°	02'	30.92"	130°	43'	33.01"
237	061°	02'	31.85"	130°	43'	47.17"
238	061°	02'	34.32"	130°	44'	01.86"

239	061*	02'	37.41"	130°	44'	20.68"
240	061*	02'	40.06"	130°	44'	37.03"
241	061*	02'	42.01"	130°	44'	51.37"
242	061*	02'	42.62"	130°	44'	59.75"
243	061*	02'	42.05"	130°	45'	06.59"
244	061*	02'	39.71"	130°	45'	16.62"
245	061*	02'	33.07"	130°	45'	27.65"
246	061*	02'	25.84"	130°	45'	30.44"
247	061*	02'	19.14"	130°	45'	28.26"
248	061*	02'	11.16"	130°	45'	25.65"
249	061*	02'	04.08"	130°	45'	21.88"
250	061*	01'	57.65"	130°	45'	17.19"
251	061*	01'	50.97"	130°	45'	15.73"
252	061*	01'	46.87"	130°	45'	18.28"
253	061*	01'	41.23"	130°	45'	24.96"
254	061*	01'	36.76"	130°	45'	35.80"
255	061*	01'	25.52"	130°	46'	10.56"
256	061*	01'	20.14"	130°	46'	21.55"
257	061*	01'	15.76"	130°	46'	29.15"
258	061*	01'	08.75"	130°	46'	37.10"
259	061*	01'	00.55"	130°	46'	45.47"
260	061*	00'	55.22"	130°	46'	52.04"
261	061*	00'	51.13"	130°	46'	55.73"
262	061*	00'	46.58"	130°	46'	57.93"
263	061*	00'	41.32"	130°	46'	59.59"
264	061*	00'	33.74"	130°	46'	56.72"
265	061*	00'	27.07"	130°	46'	53.87"
266	061*	00'	20.62"	130°	46'	54.60"
267	061*	00'	15.74"	130°	46'	56.85"
268	061*	00'	10.41"	130°	47'	05.83"
269	061*	00'	07.67"	130°	47'	14.23"
270	061*	00'	04.42"	130°	47'	20.97"
271	061*	00'	01.57"	130°	47'	23.33"
272	060*	59'	58.78"	130°	47'	22.45"
273	060*	59'	52.27"	130°	47'	14.69"
274	060*	59'	42.60"	130°	47'	08.37"
275	060*	59'	35.77"	130°	47'	02.80"
276	060*	59'	32.25"	130°	46'	58.75"
277	060*	59'	25.14"	130°	46'	52.57"
278	060*	59'	17.23"	130°	46'	49.00"
279	060*	59'	09.99"	130°	46'	48.23"
280	060*	59'	02.78"	130°	46'	58.97"
281	060*	58'	53.80"	130°	47'	11.70"
282	060*	58'	42.37"	130°	47'	20.39"
283	060*	58'	38.23"	130°	47'	28.41"
284	060*	58'	32.90"	130°	47'	41.65"

285	060*	58'	30.77"	130°	47'	48.15"
286	060*	58'	27.82"	130°	47'	58.39"
287	060*	58'	24.40"	130°	48'	05.48"
288	060*	58'	18.42"	130°	48'	16.81"
289	060*	58'	14.02"	130°	48'	25.38"
290	060*	58'	11.58"	130°	48'	30.14"
291	060*	58'	07.98"	130°	48'	31.89"
292	060*	58'	03.71"	130°	48'	31.16"
293	060*	57'	58.98"	130°	48'	28.93"
294	060*	57'	52.28"	130°	48'	31.49"
295	060*	57'	47.92"	130°	48'	36.63"
296	060*	57'	42.83"	130°	48'	43.68"
297	060*	57'	37.78"	130°	48'	47.31"
298	060*	57'	31.27"	130°	48'	53.80"
299	060*	57'	26.20"	130°	48'	58.89"
300	060*	57'	22.07"	130°	49'	05.02"
301	060*	57'	17.05"	130°	49'	06.69"
302	060*	57'	12.04"	130°	49'	06.94"
303	060*	57'	03.27"	130°	49'	05.96"
304	060*	56'	55.12"	130°	49'	08.14"
305	060*	56'	49.65"	130°	49'	18.53"
306	060*	56'	44.12"	130°	49'	33.73"
307	060*	56'	41.12"	130°	49'	39.81"
308	060*	56'	38.09"	130°	49'	47.21"
309	060*	56'	29.35"	130°	50'	01.74"
310	060*	56'	24.34"	130°	50'	06.81"
311	060*	56'	15.05"	130°	50'	07.25"
312	060*	56'	05.54"	130°	50'	06.70"
313	060*	56'	01.00"	130°	50'	07.91"
314	060*	55'	54.66"	130°	50'	15.37"
315	060*	55'	45.53"	130°	50'	28.67"
316	060*	55'	38.00"	130°	50'	31.60"
317	060*	55'	29.82"	130°	50'	35.45"
318	060*	55'	22.35"	130°	50'	47.16"
319	060*	55'	19.00"	130°	50'	51.89"
320	060*	55'	14.70"	130°	50'	58.97"
321	060*	55'	11.06"	130°	51'	03.56"
322	060*	55'	05.00"	130°	51'	04.34"
323	060*	54'	56.72"	130°	51'	00.44"
324	060*	54'	49.95"	130°	50'	50.76"
325	060*	54'	46.01"	130°	50'	43.19"
326	060*	54'	41.88"	130°	50'	33.28"
327	060*	54'	37.99"	130°	50'	26.81"
328	060*	54'	31.44"	130°	50'	22.47"
329	060*	54'	24.62"	130°	50'	23.38"
330	060*	54'	17.95"	130°	50'	23.49"

331	060°	54'	09.98"	130°	50'	31.83"
332	060°	54'	04.91"	130°	50'	37.40"
333	060°	53'	55.57"	130°	50'	45.02"
334	060°	53'	52.10"	130°	50'	46.86"
335	060°	53'	46.82"	130°	50'	47.64"
336	060°	53'	37.08"	130°	50'	41.31"
337	060°	53'	31.67"	130°	50'	35.23"
338	060°	53'	26.35"	130°	50'	26.05"
339	060°	53'	19.43"	130°	50'	14.36"
340	060°	53'	13.88"	130°	50'	01.20"
341	060°	53'	11.98"	130°	49'	50.87"
342	060°	53'	07.25"	130°	49'	48.64"
343	060°	53'	01.98"	130°	49'	51.27"
344	060°	52'	53.13"	130°	49'	54.19"
345	060°	52'	47.39"	130°	49'	56.30"
346	060°	52'	41.44"	130°	49'	55.96"
347	060°	52'	35.95"	130°	49'	52.78"
348	060°	52'	32.77"	130°	49'	51.64"
349	060°	52'	24.86"	130°	49'	48.79"
350	060°	52'	14.16"	130°	49'	52.86"
351	060°	52'	08.17"	130°	49'	58.75"
352	060°	52'	02.77"	130°	50'	03.99"
353	060°	51'	57.77"	130°	50'	03.71"
354	060°	51'	52.87"	130°	49'	57.08"
355	060°	51'	46.59"	130°	49'	45.98"
356	060°	51'	42.44"	130°	49'	36.65"
357	060°	51'	39.15"	130°	49'	29.26"
358	060°	51'	35.18"	130°	49'	24.48"
359	060°	51'	27.27"	130°	49'	21.03"
360	060°	51'	21.10"	130°	49'	18.88"
361	060°	51'	13.18"	130°	49'	16.39"
362	060°	51'	06.72"	130°	49'	09.49"
363	060°	51'	03.97"	130°	48'	54.26"
364	060°	51'	03.95"	130°	48'	38.16"
365	060°	51'	00.79"	130°	48'	25.29"
366	060°	50'	58.24"	130°	48'	19.78"
367	060°	50'	55.19"	130°	48'	16.68"
368	060°	50'	49.49"	130°	48'	15.87"
369	060°	50'	42.26"	130°	48'	16.19"
370	060°	50'	37.93"	130°	48'	22.36"
371	060°	50'	33.17"	130°	48'	24.25"
372	060°	50'	32.77"	130°	48'	23.39"
373	060°	50'	25.00"	130°	48'	14.20"
374	060°	50'	17.36"	130°	48'	00.21"
375	060°	50'	13.03"	130°	47'	47.61"
376	060°	50'	07.48"	130°	47'	36.91"

377	060°	50'	05.47"	130°	47'	34.04"
378	060°	50'	03.32"	130°	47'	33.08"
379	060°	49'	59.01"	130°	47'	44.94"
380	060°	49'	53.43"	130°	47'	55.89"
381	060°	49'	48.60"	130°	48'	02.45"
382	060°	49'	43.17"	130°	48'	05.86"
383	060°	49'	34.29"	130°	48'	09.55"
384	060°	49'	30.30"	130°	48'	14.96"
385	060°	49'	24.62"	130°	48'	23.74"
386	060°	49'	19.02"	130°	48'	31.57"
387	060°	49'	17.14"	130°	48'	36.26"
388	060°	49'	12.33"	130°	48'	48.32"
389	060°	49'	07.73"	130°	48'	59.86"
390	060°	49'	05.50"	130°	49'	06.07"
391	060°	49'	01.86"	130°	49'	10.74"
392	060°	48'	58.02"	130°	49'	13.45"
393	060°	48'	52.54"	130°	49'	14.11"
394	060°	48'	48.29"	130°	49'	11.43"
395	060°	48'	43.13"	130°	49'	05.29"
396	060°	48'	36.62"	130°	48'	53.71"
397	060°	48'	31.50"	130°	48'	45.63"
398	060°	48'	26.55"	130°	48'	41.94"
399	060°	48'	22.02"	130°	48'	42.17"
400	060°	48'	18.89"	130°	48'	44.91"
401	060°	48'	11.64"	130°	48'	53.27"
402	060°	48'	05.57"	130°	49'	01.70"
403	060°	47'	51.29"	130°	49'	14.62"
404	060°	47'	43.26"	130°	49'	19.79"
405	060°	47'	33.79"	130°	49'	28.11"
406	060°	47'	24.18"	130°	49'	29.59"
407	060°	47'	15.33"	130°	49'	26.22"
408	060°	47'	07.29"	130°	49'	24.09"
409	060°	46'	55.29"	130°	49'	24.48"
410	060°	46'	50.00"	130°	49'	26.22"
411	060°	46'	45.54"	130°	49'	31.82"
412	060°	46'	40.78"	130°	49'	40.23"
413	060°	46'	37.22"	130°	49'	39.54"
414	060°	46'	34.87"	130°	49'	37.46"
415	060°	46'	28.12"	130°	49'	25.88"
416	060°	46'	21.04"	130°	49'	03.57"
417	060°	46'	14.02"	130°	48'	36.89"
418	060°	46'	10.86"	130°	48'	24.06"
419	060°	46'	07.45"	130°	48'	12.19"
420	060°	46'	04.68"	130°	48'	06.19"
421	060°	46'	02.09"	130°	48'	04.10"
422	060°	45'	54.72"	130°	48'	03.20"

423	060°	45'	44.93"	130°	48'	05.57"
424	060°	45'	38.90"	130°	48'	11.07"
425	060°	45'	28.60"	130°	48'	16.33"
426	060°	45'	23.12"	130°	48'	16.02"
427	060°	45'	15.76"	130°	48'	14.64"
428	060°	45'	07.71"	130°	48'	11.75"
429	060°	45'	00.87"	130°	48'	06.99"
430	060°	44'	52.21"	130°	47'	56.29"
431	060°	44'	47.09"	130°	47'	47.25"
432	060°	44'	41.56"	130°	47'	23.97"
433	060°	44'	42.59"	130°	47'	16.97"
434	060°	44'	44.16"	130°	46'	58.94"
435	060°	44'	46.08"	130°	46'	40.08"
436	060°	44'	47.08"	130°	46'	18.25"
437	060°	44'	47.59"	130°	45'	57.85"
438	060°	44'	49.01"	130°	45'	40.42"
439	060°	44'	49.53"	130°	45'	19.05"
440	060°	44'	50.37"	130°	44'	50.89"
441	060°	44'	51.19"	130°	44'	24.18"
442	060°	44'	51.79"	130°	44'	08.66"
443	060°	44'	52.39"	130°	43'	49.81"
444	060°	44'	53.75"	130°	43'	36.86"
445	060°	44'	55.11"	130°	43'	20.20"
446	060°	44'	55.44"	130°	43'	03.37"
447	060°	44'	55.01"	130°	42'	51.40"
448	060°	44'	54.33"	130°	42'	35.35"
449	060°	44'	53.83"	130°	42'	24.56"
450	060°	44'	52.53"	130°	42'	16.37"
451	060°	44'	48.44"	130°	41'	57.75"
452	060°	44'	46.50"	130°	41'	48.68"
453	060°	44'	42.23"	130°	41'	35.19"
454	060°	44'	39.75"	130°	41'	27.77"
455	060°	44'	30.84"	130°	41'	15.12"
456	060°	44'	24.08"	130°	41'	08.43"
457	060°	44'	16.15"	130°	41'	02.94"
458	060°	44'	04.72"	130°	40'	44.36"
459	060°	43'	58.54"	130°	40'	25.08"
460	060°	43'	55.14"	130°	40'	11.29"
461	060°	43'	52.89"	130°	40'	00.96"
462	060°	43'	51.60"	130°	39'	49.23"
463	060°	43'	51.98"	130°	39'	38.07"
464	060°	43'	52.78"	130°	39'	31.31"
465	060°	43'	55.26"	130°	39'	22.68"
466	060°	43'	57.04"	130°	39'	14.02"
467	060°	43'	58.11"	130°	39'	04.36"
468	060°	43'	57.98"	130°	38'	55.60"

469	060°	44'	00.54"	130°	38'	40.66"
470	060°	44'	04.80"	130°	38'	23.38"
471	060°	44'	13.71"	130°	37'	55.15"
472	060°	44'	19.66"	130°	37'	36.00"
473	060°	44'	21.89"	130°	37'	28.34"
474	060°	44'	26.77"	130°	37'	18.86"
475	060°	44'	30.69"	130°	37'	09.82"
476	060°	44'	37.14"	130°	36'	48.26"
477	060°	44'	41.14"	130°	36'	31.93"
478	060°	44'	43.98"	130°	36'	11.69"
479	060°	44'	46.33"	130°	36'	01.29"
480	060°	44'	53.73"	130°	35'	29.28"
481	060°	44'	59.78"	130°	35'	02.21"
482	060°	45'	02.10"	130°	34'	53.72"
483	060°	45'	07.41"	130°	34'	35.33"
484	060°	45'	12.07"	130°	34'	26.72"
485	060°	45'	14.68"	130°	34'	23.68"
486	060°	45'	22.99"	130°	34'	18.29"
487	060°	45'	33.40"	130°	34'	13.42"
488	060°	45'	42.52"	130°	34'	04.06"
489	060°	45'	46.78"	130°	33'	55.62"
490	060°	45'	50.45"	130°	33'	47.04"
491	060°	45'	55.76"	130°	33'	40.97"
492	060°	46'	02.19"	130°	33'	40.31"
493	060°	46'	07.15"	130°	33'	43.96"
494	060°	46'	12.08"	130°	33'	49.55"
495	060°	46'	20.06"	130°	33'	59.68"
496	060°	46'	27.87"	130°	34'	03.46"
497	060°	46'	34.81"	130°	34'	00.40"
498	060°	46'	40.59"	130°	33'	54.35"
499	060°	46'	44.17"	130°	33'	54.04"
500	060°	46'	46.99"	130°	33'	56.61"
501	060°	46'	49.54"	130°	34'	03.06"
502	060°	46'	53.38"	130°	34'	20.29"
503	060°	47'	02.12"	130°	34'	46.04"
504	060°	47'	05.41"	130°	34'	50.09"
505	060°	47'	08.74"	130°	34'	49.77"
506	060°	47'	19.54"	130°	34'	43.00"
507	060°	47'	25.33"	130°	34'	35.98"
508	060°	47'	35.70"	130°	34'	24.31"
509	060°	47'	42.67"	130°	34'	18.81"
510	060°	47'	50.34"	130°	34'	14.31"
511	060°	47'	57.01"	130°	34'	13.67"
512	060°	48'	02.72"	130°	34'	14.43"
513	060°	48'	09.14"	130°	34'	14.58"
514	060°	48'	22.23"	130°	34'	14.41"

515	060°	48'	30.37"	130°	34'	10.92"
516	060°	48'	35.90"	130°	34'	06.31"
517	060°	48'	41.93"	130°	33'	59.30"
518	060°	48'	45.83"	130°	33'	51.20"
519	060°	48'	50.82"	130°	33'	41.59"
520	060°	48'	51.02"	130°	33'	39.45"
521	060°	48'	47.33"	130°	33'	28.69"
522	060°	48'	43.56"	130°	33'	16.99"
523	060°	48'	37.99"	130°	33'	05.29"
524	060°	48'	33.37"	130°	32'	57.00"
525	060°	48'	28.97"	130°	32'	46.55"
526	060°	48'	25.29"	130°	32'	34.84"
527	060°	48'	20.73"	130°	32'	26.74"
528	060°	48'	14.75"	130°	32'	20.53"
529	060°	48'	07.91"	130°	32'	14.36"
530	060°	48'	00.85"	130°	32'	06.70"
531	060°	47'	56.71"	130°	32'	00.51"
532	060°	47'	53.93"	130°	31'	53.44"
533	060°	47'	48.69"	130°	31'	42.04"
534	060°	47'	36.61"	130°	31'	22.21"
535	060°	47'	32.94"	130°	31'	09.86"
536	060°	47'	32.34"	130°	31'	00.09"
537	060°	47'	32.17"	130°	30'	52.10"
538	060°	47'	31.89"	130°	30'	48.19"
539	060°	47'	29.17"	130°	30'	45.82"
540	060°	47'	20.25"	130°	30'	40.04"
541	060°	47'	18.58"	130°	30'	37.57"
542	060°	47'	17.37"	130°	30'	36.25"
543	060°	47'	13.25"	130°	30'	25.33"
544	060°	47'	10.72"	130°	30'	14.27"
545	060°	47'	08.44"	130°	30'	04.92"
546	060°	47'	06.68"	130°	29'	52.66"
547	060°	47'	05.64"	130°	29'	38.98"
548	060°	47'	05.07"	130°	29'	26.29"
549	060°	47'	05.25"	130°	29'	10.44"
550	060°	47'	02.62"	130°	28'	41.97"
551	060°	47'	01.20"	130°	28'	26.72"
552	060°	46'	59.43"	130°	28'	14.95"
553	060°	46'	55.09"	130°	27'	58.20"
554	060°	46'	53.27"	130°	27'	50.33"
555	060°	46'	50.98"	130°	27'	41.46"
556	060°	46'	46.65"	130°	27'	24.22"
557	060°	46'	42.85"	130°	27'	05.60"
558	060°	46'	40.39"	130°	26'	54.97"
559	060°	46'	37.38"	130°	26'	35.69"
560	060°	46'	35.93"	130°	26'	23.43"

561	060°	46'	34.29"	130°	26'	09.72"
562	060°	46'	33.14"	130°	25'	59.98"
563	060°	46'	31.18"	130°	25'	33.03"
564	060°	46'	29.70"	130°	25'	15.45"
565	060°	46'	26.14"	130°	24'	52.41"
566	060°	46'	22.71"	130°	24'	38.63"
567	060°	46'	19.75"	130°	24'	26.34"
568	060°	46'	10.76"	130°	23'	48.47"
569	060°	46'	07.27"	130°	23'	34.86"
570	060°	46'	02.04"	130°	23'	11.08"
571	060°	46'	00.50"	130°	23'	01.68"
572	060°	45'	58.68"	130°	22'	42.42"
573	060°	45'	58.13"	130°	22'	38.15"
574	060°	45'	56.28"	130°	22'	23.52"
575	060°	45'	54.97"	130°	22'	07.14"
576	060°	45'	54.00"	130°	21'	48.53"
577	060°	45'	53.47"	130°	21'	30.99"
578	060°	45'	53.15"	130°	21'	14.92"
579	060°	45'	52.36"	130°	20'	59.43"
580	060°	45'	51.47"	130°	20'	46.37"
581	060°	45'	49.61"	130°	20'	27.41"
582	060°	45'	49.27"	130°	20'	20.88"
583	060°	45'	48.20"	130°	20'	13.96"
584	060°	45'	45.84"	130°	19'	52.04"
585	060°	45'	43.70"	130°	19'	38.20"
586	060°	45'	40.62"	130°	19'	19.58"
587	060°	45'	37.45"	130°	18'	57.74"
588	060°	45'	34.00"	130°	18'	44.17"
589	060°	45'	29.85"	130°	18'	25.81"
590	060°	45'	25.80"	130°	18'	09.82"
591	060°	45'	20.74"	130°	17'	49.79"
592	060°	45'	16.84"	130°	17'	40.34"
593	060°	45'	13.42"	130°	17'	30.62"
594	060°	45'	10.08"	130°	17'	18.60"
595	060°	45'	05.85"	130°	17'	05.86"
596	060°	45'	02.54"	130°	16'	54.90"
597	060°	45'	01.52"	130°	16'	46.72"
598	060°	45'	01.63"	130°	16'	35.05"
599	060°	45'	02.53"	130°	16'	31.95"
600	060°	45'	07.05"	130°	16'	22.13"
601	060°	45'	11.70"	130°	16'	22.07"
602	060°	45'	20.61"	130°	16'	23.38"
603	060°	45'	22.20"	130°	16'	24.19"
604	060°	45'	27.16"	130°	16'	27.79"
605	060°	45'	38.32"	130°	16'	31.15"
606	060°	45'	48.30"	130°	16'	32.52"

607	060°	45'	58.54"	130°	16'	31.96"
608	060°	46'	04.99"	130°	16'	29.78"
609	060°	46'	14.83"	130°	16'	21.41"
610	060°	46'	25.69"	130°	16'	09.94"
611	060°	46'	31.78"	130°	16'	08.45"
612	060°	46'	36.46"	130°	16'	05.10"
613	060°	46'	47.45"	130°	16'	02.43"
614	060°	47'	02.13"	130°	16'	03.33"
615	060°	47'	17.55"	130°	16'	08.32"
616	060°	47'	23.28"	130°	16'	06.60"
617	060°	47'	27.55"	130°	15'	59.04"
618	060°	47'	30.43"	130°	15'	50.66"
619	060°	47'	34.40"	130°	15'	33.65"
620	060°	47'	37.58"	130°	15'	14.08"
621	060°	47'	39.63"	130°	14'	58.09"
622	060°	47'	40.66"	130°	14'	49.85"
623	060°	47'	45.16"	130°	14'	26.65"
624	060°	47'	50.06"	130°	14'	11.25"
625	060°	47'	50.96"	130°	14'	05.71"
626	060°	47'	52.96"	130°	14'	03.06"
627	060°	48'	06.48"	130°	14'	11.88"
628	060°	48'	13.82"	130°	14'	16.06"
629	060°	48'	20.93"	130°	14'	18.77"
630	060°	48'	28.79"	130°	14'	18.10"
631	060°	48'	31.43"	130°	14'	15.77"
632	060°	48'	39.06"	130°	14'	14.60"
633	060°	48'	44.52"	130°	14'	15.79"
634	060°	48'	50.65"	130°	14'	22.36"
635	060°	48'	57.03"	130°	14'	26.99"
636	060°	49'	06.07"	130°	14'	27.83"
637	060°	49'	15.90"	130°	14'	20.41"
638	060°	49'	21.66"	130°	14'	15.27"
639	060°	49'	34.60"	130°	14'	05.53"
640	060°	49'	44.16"	130°	14'	01.03"
641	060°	49'	50.60"	130°	13'	59.33"
642	060°	50'	00.84"	130°	13'	59.23"
643	060°	50'	20.10"	130°	14'	01.44"
644	060°	50'	25.55"	130°	14'	03.60"
645	060°	50'	32.44"	130°	14'	05.33"
646	060°	50'	39.12"	130°	14'	03.63"
647	060°	50'	43.44"	130°	13'	59.41"
648	060°	50'	47.79"	130°	13'	52.26"
649	060°	50'	53.99"	130°	13'	44.14"
650	060°	51'	29.88"	130°	13'	52.71"
651	060°	51'	52.14"	130°	13'	48.77"
652	060°	52'	11.90"	130°	13'	30.94"

653	060°	52'	27.25"	130°	13'	19.87"
654	060°	52'	51.09"	130°	12'	57.64"
655	060°	52'	55.16"	130°	12'	55.63"
656	060°	53'	09.72"	130°	12'	51.30"
657	060°	53'	22.63"	130°	12'	44.96"
658	060°	53'	33.13"	130°	12'	42.42"
659	060°	53'	38.36"	130°	12'	42.62"
660	060°	53'	44.77"	130°	12'	46.57"
661	060°	53'	52.61"	130°	12'	52.87"
662	060°	54'	02.80"	130°	12'	58.06"
663	060°	54'	15.09"	130°	12'	56.73"
664	060°	54'	24.25"	130°	12'	46.27"
665	060°	54'	52.20"	130°	11'	55.08"
666	060°	55'	04.45"	130°	11'	25.51"
667	060°	55'	10.64"	130°	11'	19.73"
668	060°	55'	19.66"	130°	11'	24.87"
669	060°	55'	29.91"	130°	11'	31.55"
670	060°	55'	40.51"	130°	11'	43.69"
671	060°	56'	00.05"	130°	12'	07.41"
672	060°	56'	20.82"	130°	12'	27.27"
673	060°	56'	33.13"	130°	12'	35.07"
674	060°	56'	40.25"	130°	12'	36.32"
675	060°	56'	48.83"	130°	12'	35.67"
676	060°	56'	51.93"	130°	12'	34.32"
677	060°	56'	56.02"	130°	12'	30.07"
678	060°	57'	01.32"	130°	12'	22.93"
679	060°	57'	06.76"	130°	12'	16.26"
680	060°	57'	16.57"	130°	12'	04.12"
681	060°	57'	22.52"	130°	11'	52.92"
682	060°	57'	26.76"	130°	11'	35.64"
683	060°	57'	30.94"	130°	11'	26.17"
684	060°	57'	34.70"	130°	11'	23.00"
685	060°	57'	39.00"	130°	11'	20.72"
686	060°	57'	49.44"	130°	11'	24.53"
687	060°	58'	00.58"	130°	11'	29.85"
688	060°	58'	15.72"	130°	11'	40.21"
689	060°	58'	26.39"	130°	11'	44.03"
690	060°	58'	37.43"	130°	11'	46.11"
691	060°	59'	00.83"	130°	11'	45.78"
692	060°	59'	09.08"	130°	11'	38.87"
693	060°	59'	16.81"	130°	11'	24.71"
694	060°	59'	21.88"	130°	11'	12.86"
695	060°	59'	33.69"	130°	11'	00.66"
696	060°	59'	41.61"	130°	10'	57.94"
697	060°	59'	53.61"	130°	10'	56.58"
698	061°	00'	02.40"	130°	10'	53.90"

699	061°	00'	02.69"	130°	10'	53.71"
700	061°	00'	08.50"	130°	10'	50.03"
701	061°	00'	13.02"	130°	10'	50.20"
702	061°	00'	19.19"	130°	10'	52.39"
703	061°	00'	25.60"	130°	10'	54.10"
704	061°	00'	32.95"	130°	10'	57.31"
705	061°	00'	41.26"	130°	10'	59.09"
706	061°	00'	47.69"	130°	10'	58.84"
707	061°	00'	55.53"	130°	11'	00.11"
708	061°	01'	03.13"	130°	11'	02.36"
709	061°	01'	08.57"	130°	11'	05.99"
710	061°	01'	15.43"	130°	11'	10.66"
711	061°	01'	21.12"	130°	11'	13.33"
712	061°	01'	30.41"	130°	11'	13.18"
713	061°	01'	39.22"	130°	11'	12.53"
714	061°	01'	49.71"	130°	11'	09.98"
715	061°	01'	59.51"	130°	11'	05.44"
716	061°	02'	05.05"	130°	10'	57.80"
717	061°	02'	14.63"	130°	10'	51.28"
718	061°	02'	29.17"	130°	10'	48.39"
719	061°	02'	40.83"	130°	10'	48.33"
720	061°	02'	53.95"	130°	10'	47.62"
721	061°	03'	12.89"	130°	10'	56.40"
722	061°	03'	26.88"	130°	11'	02.80"
723	061°	03'	35.89"	130°	11'	07.14"
724	061°	03'	42.99"	130°	11'	11.80"
725	061°	03'	53.61"	130°	11'	21.54"
726	061°	04'	03.45"	130°	11'	39.51"
727	061°	04'	18.39"	130°	12'	11.55"
728	061°	04'	27.32"	130°	12'	33.77"
729	061°	04'	40.88"	130°	13'	09.84"
730	061°	04'	47.87"	130°	13'	35.21"
731	061°	04'	49.66"	130°	13'	47.57"
732	061°	04'	50.73"	130°	14'	00.39"
733	061°	04'	52.88"	130°	14'	25.53"
734	061°	04'	54.89"	130°	14'	40.35"
735	061°	04'	58.52"	130°	14'	59.17"
736	061°	05'	01.70"	130°	15'	16.49"
737	061°	05'	05.14"	130°	15'	29.90"
738	061°	05'	08.59"	130°	15'	43.31"
739	061°	05'	12.82"	130°	16'	13.95"
740	061°	05'	17.02"	130°	16'	23.46"
741	061°	05'	22.62"	130°	16'	34.99"
742	061°	05'	28.72"	130°	16'	44.08"
743	061°	05'	33.18"	130°	16'	50.65"
744	061°	05'	39.06"	130°	16'	58.26"

745	061°	05'	52.52"	130°	17'	09.62"
746	061°	06'	08.36"	130°	17'	20.59"
747	061°	06'	18.79"	130°	17'	24.95"
748	061°	06'	31.65"	130°	17'	26.35"
749	061°	07'	25.70"	130°	17'	48.23"
750	061°	07'	48.03"	130°	17'	50.74"
751	061°	07'	56.34"	130°	17'	53.05"
752	061°	08'	04.41"	130°	17'	55.35"
753	061°	08'	14.64"	130°	17'	56.26"
754	061°	08'	27.99"	130°	17'	53.85"
755	061°	08'	47.21"	130°	17'	55.21"
756	061°	09'	39.00"	130°	17'	58.95"
757	061°	09'	48.57"	130°	17'	59.85"
758	061°	10'	08.93"	130°	18'	00.61"
759	061°	10'	37.32"	130°	18'	08.86"
760	061°	11'	36.06"	130°	18'	12.45"
761	061°	12'	50.02"	130°	18'	14.34"
762	061°	14'	00.50"	130°	18'	12.96"
763	061°	14'	27.97"	130°	18'	14.10"
764	061°	14'	59.29"	130°	18'	11.11"
765	061°	15'	08.88"	130°	18'	08.90"
766	061°	15'	16.05"	130°	18'	05.73"
767	061°	15'	20.84"	130°	18'	01.98"
768	061°	15'	24.93"	130°	17'	57.70"
769	061°	15'	29.27"	130°	17'	51.46"
770	061°	15'	33.50"	130°	17'	43.74"
771	061°	15'	43.04"	130°	17'	22.57"
772	061°	15'	52.39"	130°	16'	58.53"
773	061°	16'	02.57"	130°	16'	39.18"
774	061°	16'	11.02"	130°	16'	26.17"
775	061°	16'	15.87"	130°	16'	16.48"
776	061°	16'	22.39"	130°	16'	05.87"
777	061°	16'	27.76"	130°	15'	52.24"
778	061°	16'	36.53"	130°	15'	29.85"
779	061°	16'	51.65"	130°	14'	57.13"
780	061°	17'	09.88"	130°	14'	30.21"
781	061°	17'	13.74"	130°	14'	27.14"
782	061°	17'	12.64"	130°	14'	18.71"
783	061°	17'	14.08"	130°	14'	15.36"
784	061°	17'	16.44"	130°	14'	18.98"
785	061°	17'	18.66"	130°	14'	19.92"
786	061°	17'	19.59"	130°	14'	13.76"
787	061°	17'	19.88"	130°	14'	08.05"
788	061°	17'	23.67"	130°	14'	02.00"
789	061°	17'	24.64"	130°	13'	52.20"
790	061°	17'	26.50"	130°	13'	47.29"

791	061°	17'	30.02"	130°	13'	46.21"
792	061°	17'	31.90"	130°	13'	38.50"
793	061°	17'	33.45"	130°	13'	35.28"
794	061°	17'	37.60"	130°	13'	35.56"
795	061°	17'	37.85"	130°	13'	33.14"
796	061°	17'	36.49"	130°	13'	28.47"
797	061°	17'	37.73"	130°	13'	27.79"
798	061°	17'	39.98"	130°	13'	30.55"
799	061°	17'	42.03"	130°	13'	30.27"
800	061°	17'	42.77"	130°	13'	25.68"
801	061°	17'	44.31"	130°	13'	24.52"
802	061°	17'	49.00"	130°	13'	22.88"
803	061°	17'	50.93"	130°	13'	16.75"
804	061°	17'	52.33"	130°	13'	10.00"
805	061°	17'	53.92"	130°	13'	08.48"
806	061°	17'	57.60"	130°	13'	09.11"
807	061°	18'	01.07"	130°	13'	07.06"
808	061°	18'	04.08"	130°	13'	04.50"
809	061°	18'	05.20"	130°	12'	56.76"
810	061°	18'	06.25"	130°	12'	50.72"
811	061°	18'	09.06"	130°	12'	43.78"
812	061°	18'	10.41"	130°	12'	36.41"
813	061°	18'	12.21"	130°	12'	31.74"
814	061°	18'	15.94"	130°	12'	32.73"
815	061°	18'	17.20"	130°	12'	28.52"
816	061°	18'	18.77"	130°	12'	23.23"
817	061°	18'	21.02"	130°	12'	20.04"
818	061°	18'	22.41"	130°	12'	21.91"
819	061°	18'	24.44"	130°	12'	23.33"
820	061°	18'	25.85"	130°	12'	23.38"
821	061°	18'	24.81"	130°	12'	28.45"
822	061°	18'	25.42"	130°	12'	31.39"
823	061°	18'	30.35"	130°	12'	29.52"
824	061°	18'	31.43"	130°	12'	33.09"
825	061°	18'	41.33"	130°	12'	31.16"
826	061°	18'	42.53"	130°	12'	27.67"
827	061°	18'	40.97"	130°	12'	25.91"
828	061°	18'	38.29"	130°	12'	24.35"
829	061°	18'	38.15"	130°	12'	21.30"
830	061°	18'	40.68"	130°	12'	19.21"
831	061°	18'	45.09"	130°	12'	16.34"
832	061°	18'	44.77"	130°	12'	12.80"
833	061°	18'	41.75"	130°	12'	10.98"
834	061°	18'	39.29"	130°	12'	11.25"
835	061°	18'	37.05"	130°	12'	06.67"
836	061°	18'	36.99"	130°	12'	00.10"

837	061°	18'	39.06"	130°	11'	57.26"
838	061°	18'	37.57"	130°	11'	53.91"
839	061°	18'	35.95"	130°	11'	51.42"
840	061°	18'	36.50"	130°	11'	49.01"
841	061°	18'	38.77"	130°	11'	50.68"
842	061°	18'	40.98"	130°	11'	51.37"
843	061°	18'	41.48"	130°	11'	48.47"
844	061°	18'	40.17"	130°	11'	44.28"
845	061°	18'	40.63"	130°	11'	38.46"
846	061°	18'	43.38"	130°	11'	31.88"
847	061°	18'	45.86"	130°	11'	29.17"
848	061°	18'	47.97"	130°	11'	28.65"
849	061°	18'	50.74"	130°	11'	25.34"
850	061°	18'	55.81"	130°	11'	27.36"
851	061°	19'	01.83"	130°	11'	28.20"
852	061°	19'	03.73"	130°	11'	31.56"
853	061°	19'	03.76"	130°	11'	34.84"
854	061°	19'	05.80"	130°	11'	35.16"
855	061°	19'	09.11"	130°	11'	31.15"
856	061°	19'	11.21"	130°	11'	26.12"
857	061°	19'	13.00"	130°	11'	22.05"
858	061°	19'	12.87"	130°	11'	15.84"
859	061°	19'	14.14"	130°	11'	12.00"
860	061°	19'	17.41"	130°	11'	11.76"
861	061°	19'	18.97"	130°	11'	07.92"
862	061°	19'	21.40"	130°	11'	03.63"
863	061°	19'	25.27"	130°	11'	03.17"
864	061°	19'	27.96"	130°	10'	56.21"
865	061°	19'	30.72"	130°	10'	48.92"
866	061°	19'	33.59"	130°	10'	41.29"
867	061°	19'	35.41"	130°	10'	29.68"
868	061°	19'	38.00"	130°	10'	21.10"
869	061°	19'	41.53"	130°	10'	16.17"
870	061°	19'	45.05"	130°	10'	05.59"
871	061°	19'	46.01"	130°	10'	01.17"
872	061°	19'	47.62"	130°	09'	54.88"
873	061°	19'	48.43"	130°	10'	14.60"
874	061°	19'	45.56"	130°	10'	43.92"
875	061°	19'	53.56"	130°	11'	14.56"
876	061°	20'	18.34"	130°	12'	06.67"
877	061°	20'	40.37"	130°	12'	50.10"
878	061°	20'	53.83"	130°	12'	52.88"
879	061°	21'	06.11"	130°	12'	42.49"
880	061°	21'	12.86"	130°	12'	41.39"
881	061°	21'	22.99"	130°	12'	51.75"
882	061°	21'	30.83"	130°	12'	51.60"

883	061°	21'	44.21"	130°	12'	27.19"
884	061°	22'	01.19"	130°	11'	48.41"
885	061°	22'	14.28"	130°	11'	24.08"
886	061°	22'	15.55"	130°	11'	20.76"
887	061°	22'	15.51"	130°	11'	18.57"
888	061°	22'	15.47"	130°	11'	16.80"
889	061°	22'	15.42"	130°	11'	15.45"
890	061°	22'	15.37"	130°	11'	14.53"
891	061°	22'	15.30"	130°	11'	14.02"
892	061°	22'	15.07"	130°	11'	13.03"
893	061°	22'	14.78"	130°	11'	12.14"
894	061°	22'	14.45"	130°	11'	11.33"
895	061°	22'	14.08"	130°	11'	10.62"
896	061°	22'	13.66"	130°	11'	09.99"
897	061°	22'	13.19"	130°	11'	09.45"
898	061°	22'	12.89"	130°	11'	09.20"
899	061°	22'	12.52"	130°	11'	09.01"
900	061°	22'	12.10"	130°	11'	08.89"
901	061°	22'	11.63"	130°	11'	08.82"
902	061°	22'	11.10"	130°	11'	08.82"
903	061°	22'	10.51"	130°	11'	08.89"
904	061°	22'	10.06"	130°	11'	08.93"
905	061°	22'	09.61"	130°	11'	08.91"
906	061°	22'	09.17"	130°	11'	08.85"
907	061°	22'	08.72"	130°	11'	08.72"
908	061°	22'	08.27"	130°	11'	08.55"
909	061°	22'	07.82"	130°	11'	08.32"
910	061°	22'	06.54"	130°	11'	07.52"
911	061°	22'	05.43"	130°	11'	06.72"
912	061°	22'	04.51"	130°	11'	05.91"
913	061°	22'	03.77"	130°	11'	05.10"
914	061°	22'	03.22"	130°	11'	04.28"
915	061°	22'	02.85"	130°	11'	03.46"
916	061°	22'	02.71"	130°	11'	02.82"
917	061°	22'	02.59"	130°	11'	01.82"
918	061°	22'	02.50"	130°	11'	00.44"
919	061°	22'	02.44"	130°	10'	58.70"
920	061°	22'	02.40"	130°	10'	56.58"
921	061°	22'	02.39"	130°	10'	54.10"
922	061°	22'	02.40"	130°	10'	52.53"
923	061°	22'	02.43"	130°	10'	51.08"
924	061°	22'	02.49"	130°	10'	49.75"
925	061°	22'	02.56"	130°	10'	48.53"
926	061°	22'	02.65"	130°	10'	47.44"
927	061°	22'	02.77"	130°	10'	46.46"
928	061°	22'	02.88"	130°	10'	45.52"

929	061°	22'	02.97"	130°	10'	44.45"
930	061°	22'	03.04"	130°	10'	43.24"
931	061°	22'	03.10"	130°	10'	41.90"
932	061°	22'	03.13"	130°	10'	40.42"
933	061°	22'	03.15"	130°	10'	38.81"
934	061°	22'	03.15"	130°	10'	37.47"
935	061°	22'	03.12"	130°	10'	36.18"
936	061°	22'	03.08"	130°	10'	34.94"
937	061°	22'	03.03"	130°	10'	33.75"
938	061°	22'	02.95"	130°	10'	32.61"
939	061°	22'	02.85"	130°	10'	31.52"
940	061°	22'	02.77"	130°	10'	30.76"
941	061°	22'	02.69"	130°	10'	30.06"
942	061°	22'	02.59"	130°	10'	29.41"
943	061°	22'	02.49"	130°	10'	28.81"
944	061°	22'	02.38"	130°	10'	28.26"
945	061°	22'	02.26"	130°	10'	27.76"
946	061°	22'	02.06"	130°	10'	26.96"
947	061°	22'	01.91"	130°	10'	26.23"
948	061°	22'	01.79"	130°	10'	25.57"
949	061°	22'	04.64"	130°	09'	40.24"
950	061°	22'	04.42"	130°	09'	39.78"
951	061°	22'	03.87"	130°	09'	28.88"
952	061°	22'	06.34"	130°	09'	19.00"
953	061°	22'	07.75"	130°	09'	07.27"
954	061°	22'	12.78"	130°	09'	03.83"
955	061°	22'	15.46"	130°	09'	14.28"
956	061°	22'	16.19"	130°	09'	14.61"
957	061°	22'	16.88"	130°	09'	15.48"
958	061°	22'	17.51"	130°	09'	15.98"
959	061°	22'	18.10"	130°	09'	16.19"
960	061°	22'	18.43"	130°	09'	16.54"
961	061°	22'	18.68"	130°	09'	16.82"
962	061°	22'	18.93"	130°	09'	17.52"
963	061°	22'	19.23"	130°	09'	17.62"
964	061°	22'	19.39"	130°	09'	17.44"
965	061°	22'	19.59"	130°	09'	16.92"
966	061°	22'	19.80"	130°	09'	16.61"
967	061°	22'	20.02"	130°	09'	16.17"
968	061°	22'	20.19"	130°	09'	15.82"
969	061°	22'	20.52"	130°	09'	15.76"
970	061°	22'	20.94"	130°	09'	15.98"
971	061°	22'	21.24"	130°	09'	16.50"
972	061°	22'	22.03"	130°	09'	17.83"
973	061°	22'	22.99"	130°	09'	18.56"
974	061°	22'	23.58"	130°	09'	19.07"

975	061°	22'	24.10"	130°	09'	19.91"
976	061°	22'	24.39"	130°	09'	20.31"
977	061°	22'	25.11"	130°	09'	20.85"
978	061°	22'	25.83"	130°	09'	21.80"
979	061°	22'	26.23"	130°	09'	22.78"
980	061°	22'	26.56"	130°	09'	23.31"
981	061°	22'	26.74"	130°	09'	24.05"

Географические координаты угловых точек абсолютного покоя:

№	Северная широта			Восточная долгота		
	град.	мин.	сек.	град.	мин.	сек.
1	061°	31'	38.67"	129°	35'	38.74"
2	061°	32'	55.63"	129°	37'	01.41"
3	061°	32'	56.79"	129°	37'	13.39"
4	061°	32'	57.92"	129°	37'	20.13"
5	061°	33'	01.01"	129°	37'	31.92"
6	061°	33'	01.30"	129°	37'	34.41"
7	061°	33'	01.33"	129°	37'	36.10"
8	061°	33'	01.16"	129°	37'	40.18"
9	061°	33'	01.19"	129°	37'	42.61"
10	061°	33'	01.52"	129°	37'	46.82"
11	061°	33'	01.60"	129°	37'	50.36"
12	061°	33'	01.39"	129°	37'	52.06"
13	061°	33'	00.81"	129°	37'	54.28"
14	061°	32'	59.17"	129°	37'	59.21"
15	061°	32'	58.85"	129°	38'	01.03"
16	061°	32'	58.98"	129°	38'	04.84"
17	061°	32'	59.93"	129°	38'	08.57"
18	061°	33'	00.56"	129°	38'	09.64"
19	061°	33'	03.14"	129°	38'	12.06"
20	061°	33'	03.55"	129°	38'	13.03"
21	061°	33'	03.83"	129°	38'	14.67"
22	061°	33'	03.99"	129°	38'	17.22"
23	061°	33'	03.98"	129°	38'	23.29"
24	061°	33'	04.55"	129°	38'	28.78"
25	061°	33'	04.21"	129°	38'	31.18"
26	061°	33'	02.91"	129°	38'	33.44"
27	061°	33'	01.95"	129°	38'	34.10"
28	061°	33'	00.83"	129°	38'	34.35"
29	061°	32'	59.95"	129°	38'	34.15"
30	061°	32'	59.55"	129°	38'	33.70"
31	061°	32'	59.42"	129°	38'	33.16"
32	061°	32'	59.47"	129°	38'	32.18"
33	061°	32'	59.69"	129°	38'	30.62"
34	061°	32'	59.76"	129°	38'	29.01"

35	061°	32'	59.63"	129°	38'	28.26"
36	061°	32'	59.21"	129°	38'	27.42"
37	061°	32'	56.73"	129°	38'	24.83"
38	061°	32'	56.30"	129°	38'	23.83"
39	061°	32'	56.09"	129°	38'	22.59"
40	061°	32'	55.99"	129°	38'	19.64"
41	061°	32'	55.74"	129°	38'	17.91"
42	061°	32'	55.48"	129°	38'	17.20"
43	061°	32'	54.91"	129°	38'	16.53"
44	061°	32'	52.96"	129°	38'	16.11"
45	061°	32'	51.06"	129°	38'	17.66"
46	061°	32'	47.89"	129°	38'	23.54"
47	061°	32'	44.69"	129°	38'	30.83"
48	061°	32'	43.49"	129°	38'	32.85"
49	061°	32'	41.81"	129°	38'	34.88"
50	061°	32'	36.86"	129°	38'	39.32"
51	061°	32'	32.18"	129°	38'	42.09"
52	061°	32'	29.26"	129°	38'	45.74"
53	061°	32'	28.17"	129°	38'	48.49"
54	061°	32'	28.39"	129°	38'	50.54"
55	061°	32'	29.52"	129°	38'	52.25"
56	061°	32'	31.51"	129°	38'	53.19"
57	061°	32'	32.21"	129°	38'	54.94"
58	061°	32'	32.38"	129°	38'	56.44"
59	061°	32'	31.60"	129°	39'	01.28"
60	061°	32'	31.35"	129°	39'	03.19"
61	061°	32'	31.36"	129°	39'	05.22"
62	061°	32'	31.81"	129°	39'	11.97"
63	061°	32'	31.50"	129°	39'	16.65"
64	061°	32'	30.18"	129°	39'	20.14"
65	061°	32'	26.22"	129°	39'	26.34"
66	061°	32'	22.83"	129°	39'	30.05"
67	061°	32'	22.16"	129°	39'	30.26"
68	061°	32'	21.57"	129°	39'	29.89"
69	061°	32'	19.66"	129°	39'	27.05"
70	061°	32'	17.84"	129°	39'	25.90"
71	061°	32'	14.82"	129°	39'	26.14"
72	061°	32'	12.25"	129°	39'	27.98"
73	061°	32'	10.52"	129°	39'	31.15"
74	061°	32'	09.65"	129°	39'	34.99"
75	061°	32'	10.07"	129°	39'	44.68"
76	061°	32'	09.39"	129°	39'	51.72"
77	061°	32'	07.90"	129°	39'	59.00"
78	061°	32'	06.44"	129°	40'	03.34"
79	061°	32'	03.63"	129°	40'	13.88"
80	061°	32'	04.05"	129°	40'	15.46"

81	061°	32'	03.97"	129°	40'	17.64"
82	061°	32'	04.02"	129°	40'	18.48"
83	061°	32'	04.33"	129°	40'	18.82"
84	061°	32'	05.79"	129°	40'	18.88"
85	061°	32'	06.40"	129°	40'	19.29"
86	061°	32'	08.10"	129°	40'	24.60"
87	061°	32'	08.89"	129°	40'	26.77"
88	061°	32'	11.05"	129°	40'	32.07"
89	061°	32'	11.16"	129°	40'	32.95"
90	061°	32'	11.06"	129°	40'	34.07"
91	061°	32'	10.65"	129°	40'	35.65"
92	061°	32'	08.08"	129°	40'	40.96"
93	061°	32'	07.46"	129°	40'	42.65"
94	061°	32'	07.30"	129°	40'	43.96"
95	061°	32'	07.55"	129°	40'	48.48"
96	061°	32'	07.91"	129°	40'	50.05"
97	061°	32'	09.20"	129°	40'	53.41"
98	061°	32'	09.78"	129°	40'	55.59"
99	061°	32'	10.28"	129°	41'	01.79"
100	061°	32'	10.01"	129°	41'	02.85"
101	061°	32'	09.63"	129°	41'	03.45"
102	061°	32'	08.29"	129°	41'	03.56"
103	061°	32'	07.85"	129°	41'	04.10"
104	061°	32'	07.08"	129°	41'	06.80"
105	061°	32'	07.16"	129°	41'	09.47"
106	061°	32'	08.08"	129°	41'	13.32"
107	061°	32'	08.24"	129°	41'	15.22"
108	061°	32'	07.07"	129°	41'	46.31"
109	061°	32'	03.77"	129°	42'	28.81"
110	061°	32'	02.75"	129°	42'	34.89"
111	061°	31'	59.50"	129°	42'	43.22"
112	061°	31'	56.49"	129°	42'	57.75"
113	061°	31'	37.30"	129°	42'	30.68"
114	061°	31'	33.29"	129°	42'	07.35"
115	061°	31'	29.80"	129°	41'	49.05"
116	061°	31'	16.52"	129°	41'	50.12"
117	061°	31'	17.42"	129°	42'	35.08"
118	061°	31'	20.94"	129°	42'	50.13"
119	061°	31'	22.37"	129°	43'	08.38"
120	061°	31'	23.16"	129°	43'	23.43"
121	061°	31'	24.15"	129°	43'	41.68"
122	061°	31'	24.91"	129°	44'	02.65"
123	061°	31'	17.25"	129°	44'	51.67"
124	061°	31'	16.46"	129°	45'	32.73"
125	061°	31'	17.86"	129°	46'	33.80"
126	061°	31'	14.29"	129°	46'	50.11"

127	061°	31'	08.69"	129°	47'	01.27"
128	061°	31'	03.21"	129°	47'	09.33"
129	061°	30'	54.69"	129°	47'	15.04"
130	061°	30'	49.47"	129°	47'	14.91"
131	061°	30'	39.48"	129°	47'	11.01"
132	061°	30'	29.02"	129°	47'	14.85"
133	061°	30'	22.24"	129°	47'	21.50"
134	061°	30'	13.71"	129°	47'	29.03"
135	061°	30'	06.11"	129°	47'	27.01"
136	061°	29'	59.41"	129°	47'	19.11"
137	061°	29'	51.64"	129°	47'	07.98"
138	061°	29'	41.44"	129°	47'	05.00"
139	061°	29'	35.12"	129°	47'	06.66"
140	061°	29'	28.99"	129°	47'	13.79"
141	061°	29'	21.59"	129°	47'	13.14"
142	061°	29'	15.49"	129°	47'	14.35"
143	061°	29'	08.92"	129°	47'	22.83"
144	061°	29'	03.03"	129°	47'	24.96"
145	061°	28'	55.86"	129°	47'	24.32"
146	061°	28'	52.66"	129°	47'	27.52"
147	061°	28'	27.31"	129°	47'	47.80"
148	061°	28'	13.30"	129°	48'	01.99"
149	061°	27'	46.92"	129°	48'	47.70"
150	061°	27'	25.76"	129°	49'	34.42"
151	061°	26'	53.30"	129°	51'	27.19"
152	061°	26'	33.20"	129°	52'	47.52"
153	061°	26'	07.49"	129°	54'	01.30"
154	061°	25'	34.38"	129°	54'	06.71"
155	061°	24'	55.12"	129°	54'	21.01"
156	061°	24'	41.16"	129°	54'	26.96"
157	061°	24'	30.37"	129°	54'	27.89"
158	061°	23'	58.04"	129°	54'	15.60"
159	061°	23'	52.01"	129°	54'	14.30"
160	061°	23'	49.12"	129°	54'	07.18"
161	061°	23'	47.79"	129°	53'	54.44"
162	061°	23'	46.57"	129°	53'	42.16"
163	061°	23'	42.73"	129°	53'	31.16"
164	061°	23'	39.68"	129°	53'	30.62"
165	061°	23'	35.97"	129°	53'	33.23"
166	061°	23'	37.43"	129°	53'	41.90"
167	061°	23'	43.78"	129°	53'	52.51"
168	061°	23'	40.10"	129°	54'	06.92"
169	061°	23'	33.73"	129°	54'	14.91"
170	061°	23'	29.78"	129°	54'	20.24"
171	061°	23'	30.96"	129°	54'	39.32"
172	061°	23'	25.48"	129°	55'	18.18"

173	061°	23'	25.39"	129°	55'	31.78"
174	061°	23'	25.70"	129°	55'	49.03"
175	061°	23'	27.38"	129°	55'	58.15"
176	061°	23'	31.05"	129°	56'	01.89"
177	061°	23'	40.43"	129°	55'	59.45"
178	061°	23'	51.98"	129°	55'	56.62"
179	061°	23'	57.91"	129°	55'	48.17"
180	061°	24'	02.16"	129°	55'	31.05"
181	061°	24'	06.56"	129°	55'	23.92"
182	061°	24'	19.14"	129°	55'	28.83"
183	061°	24'	32.18"	129°	55'	31.03"
184	061°	24'	54.77"	129°	55'	14.57"
185	061°	25'	16.17"	129°	55'	02.49"
186	061°	25'	31.00"	129°	54'	56.57"
187	061°	25'	56.25"	129°	54'	54.58"
188	061°	25'	59.50"	129°	55'	29.20"
189	061°	26'	04.96"	129°	55'	58.44"
190	061°	26'	06.90"	129°	56'	32.11"
191	061°	25'	56.90"	129°	58'	34.47"
192	061°	25'	51.67"	129°	59'	36.08"
193	061°	25'	55.35"	130°	00'	07.99"
194	061°	26'	05.05"	130°	00'	50.10"
195	061°	26'	01.43"	130°	02'	34.93"
196	061°	25'	52.85"	130°	02'	47.36"
197	061°	25'	51.02"	130°	02'	59.11"
198	061°	25'	54.99"	130°	03'	20.14"
199	061°	26'	01.51"	130°	03'	20.36"
200	061°	26'	10.05"	130°	03'	13.38"
201	061°	26'	17.30"	130°	03'	32.25"
202	061°	26'	26.02"	130°	03'	57.99"
203	061°	26'	37.54"	130°	03'	59.29"
204	061°	26'	52.26"	130°	04'	09.79"
205	061°	27'	03.74"	130°	04'	43.82"
206	061°	27'	18.06"	130°	05'	42.51"
207	061°	27'	42.03"	130°	06'	31.55"
208	061°	27'	46.27"	130°	06'	45.34"
209	061°	27'	51.71"	130°	07'	11.91"
210	061°	28'	01.67"	130°	07'	17.72"
211	061°	28'	05.96"	130°	07'	15.66"
212	061°	28'	19.79"	130°	07'	29.60"
213	061°	28'	20.26"	130°	07'	32.00"
214	061°	28'	21.54"	130°	07'	36.12"
215	061°	28'	21.77"	130°	07'	37.53"
216	061°	28'	21.79"	130°	07'	39.21"
217	061°	28'	21.59"	130°	07'	40.87"
218	061°	28'	21.27"	130°	07'	41.90"

219	061°	28'	20.85"	130°	07'	42.45"
220	061°	28'	20.05"	130°	07'	42.78"
221	061°	28'	18.47"	130°	07'	42.83"
222	061°	28'	17.01"	130°	07'	42.49"
223	061°	28'	14.09"	130°	07'	41.35"
224	061°	28'	13.69"	130°	07'	41.80"
225	061°	28'	12.44"	130°	07'	44.57"
226	061°	28'	10.18"	130°	07'	50.40"
227	061°	28'	08.19"	130°	07'	56.17"
228	061°	28'	07.33"	130°	07'	59.28"
229	061°	28'	06.77"	130°	08'	01.64"
230	061°	28'	05.80"	130°	08'	04.66"
231	061°	28'	05.20"	130°	08'	05.84"
232	061°	28'	04.46"	130°	08'	06.62"
233	061°	28'	03.60"	130°	08'	07.03"
234	061°	28'	02.84"	130°	08'	06.96"
235	061°	28'	02.21"	130°	08'	06.42"
236	061°	28'	00.02"	130°	08'	02.70"
237	061°	27'	59.40"	130°	08'	02.13"
238	061°	27'	58.26"	130°	08'	01.89"
239	061°	27'	56.38"	130°	08'	02.14"
240	061°	27'	53.89"	130°	08'	02.97"
241	061°	27'	51.97"	130°	08'	03.99"
242	061°	27'	51.04"	130°	08'	04.84"
243	061°	27'	50.61"	130°	08'	05.64"
244	061°	27'	50.37"	130°	08'	06.79"
245	061°	27'	50.30"	130°	08'	08.49"
246	061°	27'	50.46"	130°	08'	10.24"
247	061°	27'	50.75"	130°	08'	11.49"
248	061°	27'	51.69"	130°	08'	13.61"
249	061°	27'	52.26"	130°	08'	15.49"
250	061°	27'	52.33"	130°	08'	16.32"
251	061°	27'	52.19"	130°	08'	17.43"
252	061°	27'	51.83"	130°	08'	18.52"
253	061°	27'	51.26"	130°	08'	19.37"
254	061°	27'	50.49"	130°	08'	19.92"
255	061°	27'	49.59"	130°	08'	20.09"
256	061°	27'	48.77"	130°	08'	19.79"
257	061°	27'	47.92"	130°	08'	18.86"
258	061°	27'	47.05"	130°	08'	17.34"
259	061°	27'	46.20"	130°	08'	16.23"
260	061°	27'	45.62"	130°	08'	15.79"
261	061°	27'	44.97"	130°	08'	15.83"
262	061°	27'	44.28"	130°	08'	16.34"
263	061°	27'	43.62"	130°	08'	17.37"
264	061°	27'	42.96"	130°	08'	19.05"

265	061°	27'	42.37"	130°	08'	21.35"
266	061°	27'	41.95"	130°	08'	24.00"
267	061°	27'	41.71"	130°	08'	27.11"
268	061°	27'	41.68"	130°	08'	30.47"
269	061°	27'	41.86"	130°	08'	33.22"
270	061°	27'	42.25"	130°	08'	35.55"
271	061°	27'	42.97"	130°	08'	38.14"
272	061°	27'	45.73"	130°	08'	44.99"
273	061°	27'	45.94"	130°	08'	46.12"
274	061°	27'	45.98"	130°	08'	47.71"
275	061°	27'	45.76"	130°	08'	49.82"
276	061°	27'	45.35"	130°	08'	51.67"
277	061°	27'	44.95"	130°	08'	52.52"
278	061°	27'	44.42"	130°	08'	52.97"
279	061°	27'	43.78"	130°	08'	53.04"
280	061°	27'	43.28"	130°	08'	52.70"
281	061°	27'	42.93"	130°	08'	52.00"
282	061°	27'	42.33"	130°	08'	49.22"
283	061°	27'	41.71"	130°	08'	46.93"
284	061°	27'	41.13"	130°	08'	45.63"
285	061°	27'	40.45"	130°	08'	44.74"
286	061°	27'	39.79"	130°	08'	44.38"
287	061°	27'	39.25"	130°	08'	44.51"
288	061°	27'	38.77"	130°	08'	45.14"
289	061°	27'	38.23"	130°	08'	46.54"
290	061°	27'	37.67"	130°	08'	48.79"
291	061°	27'	37.33"	130°	08'	51.14"
292	061°	27'	37.09"	130°	08'	56.32"
293	061°	27'	36.77"	130°	08'	58.64"
294	061°	27'	36.17"	130°	09'	00.84"
295	061°	27'	35.27"	130°	09'	03.21"
296	061°	27'	33.81"	130°	09'	06.12"
297	061°	27'	32.61"	130°	09'	08.02"
298	061°	27'	30.88"	130°	09'	11.22"
299	061°	27'	29.38"	130°	09'	14.60"
300	061°	27'	28.24"	130°	09'	17.78"
301	061°	27'	27.69"	130°	09'	19.92"
302	061°	27'	27.53"	130°	09'	21.48"
303	061°	27'	27.59"	130°	09'	23.07"
304	061°	27'	27.86"	130°	09'	24.40"
305	061°	27'	28.24"	130°	09'	25.16"
306	061°	27'	28.74"	130°	09'	25.49"
307	061°	27'	29.44"	130°	09'	25.36"
308	061°	27'	30.24"	130°	09'	24.70"
309	061°	27'	30.91"	130°	09'	23.64"
310	061°	27'	31.44"	130°	09'	22.22"

311	061°	27'	32.53"	130°	09'	18.43"
312	061°	27'	33.14"	130°	09'	16.94"
313	061°	27'	33.46"	130°	09'	16.75"
314	061°	27'	33.97"	130°	09'	17.10"
315	061°	27'	34.59"	130°	09'	18.02"
316	061°	27'	35.44"	130°	09'	19.74"
317	061°	27'	36.58"	130°	09'	21.63"
318	061°	27'	37.15"	130°	09'	22.06"
319	061°	27'	38.04"	130°	09'	22.06"
320	061°	27'	38.98"	130°	09'	21.65"
321	061°	27'	40.54"	130°	09'	20.03"
322	061°	27'	41.20"	130°	09'	19.61"
323	061°	27'	41.75"	130°	09'	20.20"
324	061°	27'	43.07"	130°	09'	22.55"
325	061°	27'	44.90"	130°	09'	26.42"
326	061°	27'	46.39"	130°	09'	30.15"
327	061°	27'	46.85"	130°	09'	31.80"
328	061°	27'	46.90"	130°	09'	32.83"
329	061°	27'	46.73"	130°	09'	33.79"
330	061°	27'	46.40"	130°	09'	34.49"
331	061°	27'	45.84"	130°	09'	34.92"
332	061°	27'	44.49"	130°	09'	35.08"
333	061°	27'	42.71"	130°	09'	34.90"
334	061°	27'	40.40"	130°	09'	35.09"
335	061°	27'	38.84"	130°	09'	35.62"
336	061°	27'	38.08"	130°	09'	36.22"
337	061°	27'	37.79"	130°	09'	36.83"
338	061°	27'	37.66"	130°	09'	37.80"
339	061°	27'	37.73"	130°	09'	39.21"
340	061°	27'	37.98"	130°	09'	40.34"
341	061°	27'	38.36"	130°	09'	40.99"
342	061°	27'	38.95"	130°	09'	41.34"
343	061°	27'	41.58"	130°	09'	41.06"
344	061°	27'	42.74"	130°	09'	41.27"
345	061°	27'	43.79"	130°	09'	41.93"
346	061°	27'	44.59"	130°	09'	42.86"
347	061°	27'	45.05"	130°	09'	43.87"
348	061°	27'	45.27"	130°	09'	44.98"
349	061°	27'	45.28"	130°	09'	46.47"
350	061°	27'	45.03"	130°	09'	48.46"
351	061°	27'	44.48"	130°	09'	50.81"
352	061°	27'	43.67"	130°	09'	53.15"
353	061°	27'	42.66"	130°	09'	55.27"
354	061°	27'	41.47"	130°	09'	57.05"
355	061°	27'	40.26"	130°	09'	58.30"
356	061°	27'	39.10"	130°	09'	59.01"

357	061°	27'	36.05"	130°	09'	59.40"
358	061°	27'	34.03"	130°	10'	00.06"
359	061°	27'	31.81"	130°	10'	01.32"
360	061°	27'	29.49"	130°	10'	03.14"
361	061°	27'	27.72"	130°	10'	04.96"
362	061°	27'	26.51"	130°	10'	06.64"
363	061°	27'	25.69"	130°	10'	08.30"
364	061°	27'	25.21"	130°	10'	09.80"
365	061°	27'	25.06"	130°	10'	10.98"
366	061°	27'	25.13"	130°	10'	11.89"
367	061°	27'	25.65"	130°	10'	13.38"
368	061°	27'	27.15"	130°	10'	16.26"
369	061°	27'	27.91"	130°	10'	18.18"
370	061°	27'	28.03"	130°	10'	18.89"
371	061°	27'	27.95"	130°	10'	19.37"
372	061°	27'	27.55"	130°	10'	19.91"
373	061°	27'	26.73"	130°	10'	20.26"
374	061°	27'	25.43"	130°	10'	21.07"
375	061°	27'	24.70"	130°	10'	21.79"
376	061°	27'	24.24"	130°	10'	22.85"
377	061°	27'	23.73"	130°	10'	24.97"
378	061°	27'	23.23"	130°	10'	28.37"
379	061°	27'	22.37"	130°	10'	32.99"
380	061°	27'	21.97"	130°	10'	34.15"
381	061°	27'	21.30"	130°	10'	35.35"
382	061°	27'	20.47"	130°	10'	36.18"
383	061°	27'	19.63"	130°	10'	36.53"
384	061°	27'	18.87"	130°	10'	36.39"
385	061°	27'	18.28"	130°	10'	35.84"
386	061°	27'	17.89"	130°	10'	34.99"
387	061°	27'	17.68"	130°	10'	33.77"
388	061°	27'	17.63"	130°	10'	31.55"
389	061°	27'	17.92"	130°	10'	26.86"
390	061°	27'	18.11"	130°	10'	22.44"
391	061°	27'	18.02"	130°	10'	20.64"
392	061°	27'	17.83"	130°	10'	19.96"
393	061°	27'	17.46"	130°	10'	19.79"
394	061°	27'	16.73"	130°	10'	20.05"
395	061°	27'	14.82"	130°	10'	21.66"
396	061°	27'	13.57"	130°	10'	22.41"
397	061°	27'	12.72"	130°	10'	22.51"
398	061°	27'	11.76"	130°	10'	22.13"
399	061°	27'	10.68"	130°	10'	21.22"
400	061°	27'	09.71"	130°	10'	19.88"
401	061°	27'	08.85"	130°	10'	18.12"
402	061°	27'	06.78"	130°	10'	12.24"

403	061°	27'	06.13"	130°	10'	11.08"
404	061°	27'	05.53"	130°	10'	10.57"
405	061°	27'	04.76"	130°	10'	10.48"
406	061°	27'	03.81"	130°	10'	10.86"
407	061°	27'	03.01"	130°	10'	11.60"
408	061°	27'	02.61"	130°	10'	12.36"
409	061°	27'	02.51"	130°	10'	13.11"
410	061°	27'	02.69"	130°	10'	14.34"
411	061°	27'	03.18"	130°	10'	15.85"
412	061°	27'	03.73"	130°	10'	16.95"
413	061°	27'	05.01"	130°	10'	20.14"
414	061°	27'	05.47"	130°	10'	21.83"
415	061°	27'	05.57"	130°	10'	23.08"
416	061°	27'	05.45"	130°	10'	24.39"
417	061°	27'	05.14"	130°	10'	25.50"
418	061°	27'	04.59"	130°	10'	26.44"
419	061°	27'	03.73"	130°	10'	27.23"
420	061°	27'	02.40"	130°	10'	28.09"
421	061°	27'	00.44"	130°	10'	29.54"
422	061°	26'	59.43"	130°	10'	30.70"
423	061°	26'	58.97"	130°	10'	31.62"
424	061°	26'	58.81"	130°	10'	32.59"
425	061°	26'	58.87"	130°	10'	33.64"
426	061°	26'	59.13"	130°	10'	34.52"
427	061°	26'	59.73"	130°	10'	35.47"
428	061°	27'	00.59"	130°	10'	37.21"
429	061°	27'	00.88"	130°	10'	38.32"
430	061°	27'	00.92"	130°	10'	39.47"
431	061°	27'	00.74"	130°	10'	40.71"
432	061°	27'	00.37"	130°	10'	41.76"
433	061°	26'	59.88"	130°	10'	42.38"
434	061°	26'	59.47"	130°	10'	42.47"
435	061°	26'	58.94"	130°	10'	42.12"
436	061°	26'	57.93"	130°	10'	40.71"
437	061°	26'	56.92"	130°	10'	39.81"
438	061°	26'	56.23"	130°	10'	39.67"
439	061°	26'	55.63"	130°	10'	39.97"
440	061°	26'	55.16"	130°	10'	40.70"
441	061°	26'	54.75"	130°	10'	41.98"
442	061°	26'	54.45"	130°	10'	43.80"
443	061°	26'	54.37"	130°	10'	45.74"
444	061°	26'	55.04"	130°	10'	51.45"
445	061°	26'	55.06"	130°	10'	53.01"
446	061°	26'	54.86"	130°	10'	54.60"
447	061°	26'	54.44"	130°	10'	56.13"
448	061°	26'	53.90"	130°	10'	57.25"

449	061*	26'	53.30"	130*	10'	57.84"
450	061*	26'	52.66"	130*	10'	57.94"
451	061*	26'	51.96"	130*	10'	57.52"
452	061*	26'	51.29"	130*	10'	56.60"
453	061*	26'	50.78"	130*	10'	55.32"
454	061*	26'	50.54"	130*	10'	54.03"
455	061*	26'	50.56"	130*	10'	52.83"
456	061*	26'	51.38"	130*	10'	49.18"
457	061*	26'	51.41"	130*	10'	48.16"
458	061*	26'	51.18"	130*	10'	46.73"
459	061*	26'	50.69"	130*	10'	45.16"
460	061*	26'	50.06"	130*	10'	43.96"
461	061*	26'	48.30"	130*	10'	42.02"
462	061*	26'	47.11"	130*	10'	40.28"
463	061*	26'	46.04"	130*	10'	38.02"
464	061*	26'	45.02"	130*	10'	35.17"
465	061*	26'	44.33"	130*	10'	32.55"
466	061*	26'	44.00"	130*	10'	30.44"
467	061*	26'	43.95"	130*	10'	28.77"
468	061*	26'	44.15"	130*	10'	26.88"
469	061*	26'	44.98"	130*	10'	22.86"
470	061*	26'	45.46"	130*	10'	19.80"
471	061*	26'	45.72"	130*	10'	16.51"
472	061*	26'	45.74"	130*	10'	13.90"
473	061*	26'	45.58"	130*	10'	12.36"
474	061*	26'	45.31"	130*	10'	11.57"
475	061*	26'	44.95"	130*	10'	11.25"
476	061*	26'	44.43"	130*	10'	11.35"
477	061*	26'	43.89"	130*	10'	11.93"
478	061*	26'	43.56"	130*	10'	12.74"
479	061*	26'	43.42"	130*	10'	13.81"
480	061*	26'	43.66"	130*	10'	18.18"
481	061*	26'	43.61"	130*	10'	19.61"
482	061*	26'	43.41"	130*	10'	20.23"
483	061*	26'	42.90"	130*	10'	20.74"
484	061*	26'	41.65"	130*	10'	21.27"
485	061*	26'	39.35"	130*	10'	21.67"
486	061*	26'	36.77"	130*	10'	21.65"
487	061*	26'	35.13"	130*	10'	21.26"
488	061*	26'	34.43"	130*	10'	20.76"
489	061*	26'	34.12"	130*	10'	20.11"
490	061*	26'	33.98"	130*	10'	19.14"
491	061*	26'	34.04"	130*	10'	18.01"
492	061*	26'	34.24"	130*	10'	17.36"
493	061*	26'	34.72"	130*	10'	16.89"
494	061*	26'	36.54"	130*	10'	16.42"

495	061*	26'	37.82"	130*	10'	15.82"
496	061*	26'	38.43"	130*	10'	15.15"
497	061*	26'	39.04"	130*	10'	14.00"
498	061*	26'	39.43"	130*	10'	12.63"
499	061*	26'	39.65"	130*	10'	10.86"
500	061*	26'	39.68"	130*	10'	08.44"
501	061*	26'	39.47"	130*	10'	05.55"
502	061*	26'	39.06"	130*	10'	02.90"
503	061*	26'	38.59"	130*	10'	01.19"
504	061*	26'	38.16"	130*	10'	00.38"
505	061*	26'	37.66"	130*	10'	00.08"
506	061*	26'	36.98"	130*	10'	00.23"
507	061*	26'	33.69"	130*	10'	01.97"
508	061*	26'	32.71"	130*	10'	02.10"
509	061*	26'	32.16"	130*	10'	01.73"
510	061*	26'	31.55"	130*	10'	00.73"
511	061*	26'	30.94"	130*	09'	59.08"
512	061*	26'	30.58"	130*	09'	57.44"
513	061*	26'	30.51"	130*	09'	56.06"
514	061*	26'	30.69"	130*	09'	54.59"
515	061*	26'	31.16"	130*	09'	52.84"
516	061*	26'	31.77"	130*	09'	51.45"
517	061*	26'	33.47"	130*	09'	49.52"
518	061*	26'	33.81"	130*	09'	48.78"
519	061*	26'	33.98"	130*	09'	47.81"
520	061*	26'	33.96"	130*	09'	46.53"
521	061*	26'	33.73"	130*	09'	45.62"
522	061*	26'	32.60"	130*	09'	43.52"
523	061*	26'	32.36"	130*	09'	42.63"
524	061*	26'	32.29"	130*	09'	41.08"
525	061*	26'	32.87"	130*	09'	31.96"
526	061*	26'	32.97"	130*	09'	27.06"
527	061*	26'	32.85"	130*	09'	23.54"
528	061*	26'	32.61"	130*	09'	21.47"
529	061*	26'	32.33"	130*	09'	20.45"
530	061*	26'	31.97"	130*	09'	20.00"
531	061*	26'	31.19"	130*	09'	19.83"
532	061*	26'	29.88"	130*	09'	20.07"
533	061*	26'	26.72"	130*	09'	21.84"
534	061*	26'	25.99"	130*	09'	21.88"
535	061*	26'	25.38"	130*	09'	21.40"
536	061*	26'	24.61"	130*	09'	20.20"
537	061*	26'	23.73"	130*	09'	18.20"
538	061*	26'	22.97"	130*	09'	15.80"
539	061*	26'	22.47"	130*	09'	13.47"
540	061*	26'	22.28"	130*	09'	11.53"

541	061°	26'	22.34"	130°	09'	09.90"
542	061°	26'	23.42"	130°	09'	05.35"
543	061°	26'	23.54"	130°	09'	04.58"
544	061°	26'	23.45"	130°	09'	04.02"
545	061°	26'	23.00"	130°	09'	03.44"
546	061°	26'	20.97"	130°	09'	01.86"
547	061°	26'	17.41"	130°	08'	58.55"
548	061°	26'	15.85"	130°	08'	57.52"
549	061°	26'	14.69"	130°	08'	57.16"
550	061°	26'	13.97"	130°	08'	57.31"
551	061°	26'	13.58"	130°	08'	57.80"
552	061°	26'	13.35"	130°	08'	58.69"
553	061°	26'	13.28"	130°	09'	00.17"
554	061°	26'	13.81"	130°	09'	05.18"
555	061°	26'	13.84"	130°	09'	07.34"
556	061°	26'	13.64"	130°	09'	08.87"
557	061°	26'	13.29"	130°	09'	09.91"
558	061°	26'	12.77"	130°	09'	10.60"
559	061°	26'	11.98"	130°	09'	10.99"
560	061°	26'	11.18"	130°	09'	10.94"
561	061°	26'	10.60"	130°	09'	10.48"
562	061°	26'	10.10"	130°	09'	09.51"
563	061°	26'	09.52"	130°	09'	07.55"
564	061°	26'	09.18"	130°	09'	05.60"
565	061°	26'	08.25"	130°	09'	01.32"
566	061°	26'	07.55"	130°	08'	59.17"
567	061°	26'	06.64"	130°	08'	57.29"
568	061°	26'	05.86"	130°	08'	56.04"
569	061°	26'	03.84"	130°	08'	52.51"
570	061°	26'	03.16"	130°	08'	50.94"
571	061°	26'	02.57"	130°	08'	48.98"
572	061°	26'	01.43"	130°	08'	45.94"
573	061°	26'	00.63"	130°	08'	44.39"
574	061°	25'	59.46"	130°	08'	42.86"
575	061°	25'	57.44"	130°	08'	39.59"
576	061°	25'	57.08"	130°	08'	38.64"
577	061°	25'	57.01"	130°	08'	37.80"
578	061°	25'	57.40"	130°	08'	34.76"
579	061°	25'	57.46"	130°	08'	33.20"
580	061°	25'	57.24"	130°	08'	32.29"
581	061°	25'	56.56"	130°	08'	30.97"
582	061°	25'	55.20"	130°	08'	29.17"
583	061°	25'	53.48"	130°	08'	27.48"
584	061°	25'	51.97"	130°	08'	26.39"
585	061°	25'	49.55"	130°	08'	24.20"
586	061°	25'	48.34"	130°	08'	22.63"

587	061°	25'	47.34"	130°	08'	20.73"
588	061°	25'	45.98"	130°	08'	17.08"
589	061°	25'	44.48"	130°	08'	13.40"
590	061°	25'	43.74"	130°	08'	12.13"
591	061°	25'	42.94"	130°	08'	11.43"
592	061°	25'	40.42"	130°	08'	10.66"
593	061°	25'	39.39"	130°	08'	09.96"
594	061°	25'	38.45"	130°	08'	08.79"
595	061°	25'	37.13"	130°	08'	06.29"
596	061°	25'	35.52"	130°	08'	03.64"
597	061°	25'	34.48"	130°	08'	02.36"
598	061°	25'	32.76"	130°	08'	00.89"
599	061°	25'	30.49"	130°	07'	58.42"
600	061°	25'	27.36"	130°	07'	53.98"
601	061°	25'	26.04"	130°	07'	52.51"
602	061°	25'	23.40"	130°	07'	50.71"
603	061°	25'	22.39"	130°	07'	49.65"
604	061°	25'	21.92"	130°	07'	48.59"
605	061°	25'	21.64"	130°	07'	47.27"
606	061°	25'	21.02"	130°	07'	45.04"
607	061°	25'	20.62"	130°	07'	44.52"
608	061°	25'	20.04"	130°	07'	44.39"
609	061°	25'	18.70"	130°	07'	43.83"
610	061°	25'	18.27"	130°	07'	43.23"
611	061°	25'	17.88"	130°	07'	42.09"
612	061°	25'	17.66"	130°	07'	40.70"
613	061°	25'	17.69"	130°	07'	39.63"
614	061°	25'	17.95"	130°	07'	38.75"
615	061°	25'	19.22"	130°	07'	36.77"
616	061°	25'	19.66"	130°	07'	35.74"
617	061°	25'	19.90"	130°	07'	34.54"
618	061°	25'	19.94"	130°	07'	33.23"
619	061°	25'	19.77"	130°	07'	32.27"
620	061°	25'	19.45"	130°	07'	31.74"
621	061°	25'	18.86"	130°	07'	31.54"
622	061°	25'	17.83"	130°	07'	31.80"
623	061°	25'	16.52"	130°	07'	32.65"
624	061°	25'	15.39"	130°	07'	33.87"
625	061°	25'	12.24"	130°	07'	38.89"
626	061°	25'	10.11"	130°	07'	41.70"
627	061°	25'	07.49"	130°	07'	44.57"
628	061°	25'	05.16"	130°	07'	46.66"
629	061°	25'	03.61"	130°	07'	47.61"
630	061°	25'	02.41"	130°	07'	47.88"
631	061°	25'	01.11"	130°	07'	47.66"
632	061°	24'	59.63"	130°	07'	46.89"

633	061°	24'	58.22"	130°	07'	45.69"
634	061°	24'	57.18"	130°	07'	44.36"
635	061°	24'	56.59"	130°	07'	43.11"
636	061°	24'	55.73"	130°	07'	40.01"
637	061°	24'	55.13"	130°	07'	38.47"
638	061°	24'	54.60"	130°	07'	37.89"
639	061°	24'	53.73"	130°	07'	37.56"
640	061°	24'	52.20"	130°	07'	36.62"
641	061°	24'	51.55"	130°	07'	35.91"
642	061°	24'	50.72"	130°	07'	34.38"
643	061°	24'	49.05"	130°	07'	29.74"
644	061°	24'	48.32"	130°	07'	28.26"
645	061°	24'	47.78"	130°	07'	27.68"
646	061°	24'	46.87"	130°	07'	27.42"
647	061°	24'	41.44"	130°	07'	28.83"
648	061°	24'	40.75"	130°	07'	29.60"
649	061°	24'	40.35"	130°	07'	30.51"
650	061°	24'	39.34"	130°	07'	33.80"
651	061°	24'	38.73"	130°	07'	35.03"
652	061°	24'	38.05"	130°	07'	35.68"
653	061°	24'	35.94"	130°	07'	36.43"
654	061°	24'	35.36"	130°	07'	37.02"
655	061°	24'	35.13"	130°	07'	37.72"
656	061°	24'	35.11"	130°	07'	38.58"
657	061°	24'	35.39"	130°	07'	39.70"
658	061°	24'	35.84"	130°	07'	40.63"
659	061°	24'	36.78"	130°	07'	43.02"
660	061°	24'	37.26"	130°	07'	44.97"
661	061°	24'	37.59"	130°	07'	47.61"
662	061°	24'	37.75"	130°	07'	50.80"
663	061°	24'	37.68"	130°	07'	53.78"
664	061°	24'	37.40"	130°	07'	56.31"
665	061°	24'	37.10"	130°	07'	57.58"
666	061°	24'	36.55"	130°	07'	58.45"
667	061°	24'	35.82"	130°	08'	00.04"
668	061°	24'	35.70"	130°	08'	01.28"
669	061°	24'	35.81"	130°	08'	03.68"
670	061°	24'	35.76"	130°	08'	06.62"
671	061°	24'	35.48"	130°	08'	08.64"
672	061°	24'	34.96"	130°	08'	10.61"
673	061°	24'	34.36"	130°	08'	12.03"
674	061°	24'	33.76"	130°	08'	12.81"
675	061°	24'	32.59"	130°	08'	13.29"
676	061°	24'	31.68"	130°	08'	13.86"
677	061°	24'	31.51"	130°	08'	14.27"
678	061°	24'	31.46"	130°	08'	15.19"

679	061°	24'	31.71"	130°	08'	17.12"
680	061°	24'	33.14"	130°	08'	23.09"
681	061°	24'	33.60"	130°	08'	26.08"
682	061°	24'	33.96"	130°	08'	29.95"
683	061°	24'	34.09"	130°	08'	33.66"
684	061°	24'	33.99"	130°	08'	36.94"
685	061°	24'	33.67"	130°	08'	40.01"
686	061°	24'	33.12"	130°	08'	42.96"
687	061°	24'	32.35"	130°	08'	45.80"
688	061°	24'	31.29"	130°	08'	48.63"
689	061°	24'	29.97"	130°	08'	51.37"
690	061°	24'	28.52"	130°	08'	53.71"
691	061°	24'	27.10"	130°	08'	55.45"
692	061°	24'	25.77"	130°	08'	56.56"
693	061°	24'	24.59"	130°	08'	57.07"
694	061°	24'	23.50"	130°	08'	57.08"
695	061°	24'	22.48"	130°	08'	56.63"
696	061°	24'	21.73"	130°	08'	55.89"
697	061°	24'	21.39"	130°	08'	55.16"
698	061°	24'	21.30"	130°	08'	54.33"
699	061°	24'	21.50"	130°	08'	52.66"
700	061°	24'	22.33"	130°	08'	49.19"
701	061°	24'	22.67"	130°	08'	46.70"
702	061°	24'	22.71"	130°	08'	44.97"
703	061°	24'	22.55"	130°	08'	44.00"
704	061°	24'	22.22"	130°	08'	43.47"
705	061°	24'	21.66"	130°	08'	43.26"
706	061°	24'	20.98"	130°	08'	43.51"
707	061°	24'	20.22"	130°	08'	44.35"
708	061°	24'	19.10"	130°	08'	46.29"
709	061°	24'	17.44"	130°	08'	49.91"
710	061°	24'	15.76"	130°	08'	54.20"
711	061°	24'	14.52"	130°	08'	58.08"
712	061°	24'	12.80"	130°	09'	02.75"
713	061°	24'	11.25"	130°	09'	06.27"
714	061°	24'	10.12"	130°	09'	08.22"
715	061°	24'	09.16"	130°	09'	09.33"
716	061°	24'	08.25"	130°	09'	09.88"
717	061°	24'	07.26"	130°	09'	09.96"
718	061°	24'	06.05"	130°	09'	09.53"
719	061°	24'	04.47"	130°	09'	08.42"
720	061°	24'	02.61"	130°	09'	06.57"
721	061°	24'	00.88"	130°	09'	04.35"
722	061°	23'	59.62"	130°	09'	02.29"
723	061°	23'	57.72"	130°	08'	58.11"
724	061°	23'	56.56"	130°	08'	55.93"

725	061°	23'	55.74"	130°	08'	54.89"
726	061°	23'	54.95"	130°	08'	54.36"
727	061°	23'	54.26"	130°	08'	54.29"
728	061°	23'	53.80"	130°	08'	54.62"
729	061°	23'	52.57"	130°	08'	56.87"
730	061°	23'	52.00"	130°	08'	57.37"
731	061°	23'	51.24"	130°	08'	57.50"
732	061°	23'	50.11"	130°	08'	57.96"
733	061°	23'	49.40"	130°	08'	58.69"
734	061°	23'	48.53"	130°	09'	00.22"
735	061°	23'	47.48"	130°	09'	02.79"
736	061°	23'	46.37"	130°	09'	06.25"
737	061°	23'	45.44"	130°	09'	10.00"
738	061°	23'	44.85"	130°	09'	13.24"
739	061°	23'	44.61"	130°	09'	15.63"
740	061°	23'	44.64"	130°	09'	17.38"
741	061°	23'	44.88"	130°	09'	18.94"
742	061°	23'	45.47"	130°	09'	20.81"
743	061°	23'	46.49"	130°	09'	23.29"
744	061°	23'	47.38"	130°	09'	25.95"
745	061°	23'	47.83"	130°	09'	28.04"
746	061°	23'	48.05"	130°	09'	30.24"
747	061°	23'	48.11"	130°	09'	37.32"
748	061°	23'	48.38"	130°	09'	40.44"
749	061°	23'	48.97"	130°	09'	44.27"
750	061°	23'	49.70"	130°	09'	47.60"
751	061°	23'	50.29"	130°	09'	49.44"
752	061°	23'	50.71"	130°	09'	50.14"
753	061°	23'	51.06"	130°	09'	50.21"
754	061°	23'	51.38"	130°	09'	49.84"
755	061°	23'	52.80"	130°	09'	46.46"
756	061°	23'	53.37"	130°	09'	45.56"
757	061°	23'	53.84"	130°	09'	45.37"
758	061°	23'	54.40"	130°	09'	45.65"
759	061°	23'	54.92"	130°	09'	46.38"
760	061°	23'	55.30"	130°	09'	47.49"
761	061°	23'	55.51"	130°	09'	48.94"
762	061°	23'	55.49"	130°	09'	50.34"
763	061°	23'	55.26"	130°	09'	51.46"
764	061°	23'	54.71"	130°	09'	52.63"
765	061°	23'	53.72"	130°	09'	53.91"
766	061°	23'	51.93"	130°	09'	55.29"
767	061°	23'	51.00"	130°	09'	56.24"
768	061°	23'	50.48"	130°	09'	57.20"
769	061°	23'	50.17"	130°	09'	58.44"
770	061°	23'	50.03"	130°	09'	59.98"

771	061°	23'	50.13"	130°	10'	01.32"
772	061°	23'	50.31"	130°	10'	01.95"
773	061°	23'	51.45"	130°	10'	04.18"
774	061°	23'	51.83"	130°	10'	05.27"
775	061°	23'	51.82"	130°	10'	06.12"
776	061°	23'	51.49"	130°	10'	07.58"
777	061°	23'	50.26"	130°	10'	11.51"
778	061°	23'	49.98"	130°	10'	12.95"
779	061°	23'	49.93"	130°	10'	14.13"
780	061°	23'	50.12"	130°	10'	15.69"
781	061°	23'	50.30"	130°	10'	18.24"
782	061°	23'	50.22"	130°	10'	19.88"
783	061°	23'	49.90"	130°	10'	21.72"
784	061°	23'	49.37"	130°	10'	23.39"
785	061°	23'	48.67"	130°	10'	24.76"
786	061°	23'	47.92"	130°	10'	25.62"
787	061°	23'	47.32"	130°	10'	25.88"
788	061°	23'	46.30"	130°	10'	25.75"
789	061°	23'	45.69"	130°	10'	25.95"
790	061°	23'	45.52"	130°	10'	26.99"
791	061°	23'	45.45"	130°	10'	29.10"
792	061°	23'	45.21"	130°	10'	30.74"
793	061°	23'	44.86"	130°	10'	31.55"
794	061°	23'	44.33"	130°	10'	32.01"
795	061°	23'	42.31"	130°	10'	32.16"
796	061°	23'	41.94"	130°	10'	32.52"
797	061°	23'	41.70"	130°	10'	33.46"
798	061°	23'	41.52"	130°	10'	35.82"
799	061°	23'	41.13"	130°	10'	38.36"
800	061°	23'	40.75"	130°	10'	39.63"
801	061°	23'	40.37"	130°	10'	40.18"
802	061°	23'	40.12"	130°	10'	40.15"
803	061°	23'	39.89"	130°	10'	39.62"
804	061°	23'	39.63"	130°	10'	38.04"
805	061°	23'	39.48"	130°	10'	35.25"
806	061°	23'	39.57"	130°	10'	29.01"
807	061°	23'	39.38"	130°	10'	26.36"
808	061°	23'	39.06"	130°	10'	24.71"
809	061°	23'	38.64"	130°	10'	23.69"
810	061°	23'	38.10"	130°	10'	23.12"
811	061°	23'	37.29"	130°	10'	22.90"
812	061°	23'	36.31"	130°	10'	23.10"
813	061°	23'	35.50"	130°	10'	23.68"
814	061°	23'	34.61"	130°	10'	25.00"
815	061°	23'	33.56"	130°	10'	26.12"
816	061°	23'	32.76"	130°	10'	26.38"

817	061°	23'	30.21"	130°	10'	25.79"
818	061°	23'	28.93"	130°	10'	25.71"
819	061°	23'	28.00"	130°	10'	26.08"
820	061°	23'	27.19"	130°	10'	26.95"
821	061°	23'	25.23"	130°	10'	30.39"
822	061°	23'	24.38"	130°	10'	31.48"
823	061°	23'	23.62"	130°	10'	32.00"
824	061°	23'	23.06"	130°	10'	31.97"
825	061°	23'	22.68"	130°	10'	31.53"
826	061°	23'	22.40"	130°	10'	30.60"
827	061°	23'	21.99"	130°	10'	27.57"
828	061°	23'	21.60"	130°	10'	26.15"
829	061°	23'	21.15"	130°	10'	25.42"
830	061°	23'	20.58"	130°	10'	25.08"
831	061°	23'	19.97"	130°	10'	25.22"
832	061°	23'	19.30"	130°	10'	25.93"
833	061°	23'	17.72"	130°	10'	28.80"
834	061°	23'	15.60"	130°	10'	32.09"
835	061°	23'	15.01"	130°	10'	33.45"
836	061°	23'	14.87"	130°	10'	34.42"
837	061°	23'	14.84"	130°	10'	40.17"
838	061°	23'	14.68"	130°	10'	42.10"
839	061°	23'	14.25"	130°	10'	44.53"
840	061°	23'	13.52"	130°	10'	47.30"
841	061°	23'	12.62"	130°	10'	49.74"
842	061°	23'	11.59"	130°	10'	51.77"
843	061°	23'	10.18"	130°	10'	53.82"
844	061°	23'	08.49"	130°	10'	55.73"
845	061°	23'	05.00"	130°	10'	58.19"
846	061°	23'	04.39"	130°	10'	59.01"
847	061°	23'	02.83"	130°	11'	02.95"
848	061°	23'	01.90"	130°	11'	04.57"
849	061°	23'	00.63"	130°	11'	06.06"
850	061°	22'	59.22"	130°	11'	07.19"
851	061°	22'	58.08"	130°	11'	07.68"
852	061°	22'	57.33"	130°	11'	07.63"
853	061°	22'	56.90"	130°	11'	07.24"
854	061°	22'	56.59"	130°	11'	06.36"
855	061°	22'	55.93"	130°	11'	02.19"
856	061°	22'	55.53"	130°	11'	00.32"
857	061°	22'	55.09"	130°	10'	59.22"
858	061°	22'	54.57"	130°	10'	58.64"
859	061°	22'	53.81"	130°	10'	58.42"
860	061°	22'	52.98"	130°	10'	58.65"
861	061°	22'	52.45"	130°	10'	59.16"
862	061°	22'	52.17"	130°	10'	59.95"

863	061°	22'	52.03"	130°	11'	01.50"
864	061°	22'	52.12"	130°	11'	04.25"
865	061°	22'	52.00"	130°	11'	06.41"
866	061°	22'	51.78"	130°	11'	07.25"
867	061°	22'	51.30"	130°	11'	08.09"
868	061°	22'	50.64"	130°	11'	08.62"
869	061°	22'	50.12"	130°	11'	08.62"
870	061°	22'	49.79"	130°	11'	08.19"
871	061°	22'	49.49"	130°	11'	06.75"
872	061°	22'	49.03"	130°	11'	03.32"
873	061°	22'	48.69"	130°	11'	02.05"
874	061°	22'	48.21"	130°	11'	01.27"
875	061°	22'	48.79"	130°	10'	51.50"
876	061°	22'	52.66"	130°	10'	31.46"
877	061°	22'	52.78"	130°	10'	05.39"
878	061°	22'	26.74"	130°	09'	24.05"
879	061°	22'	26.56"	130°	09'	23.31"
880	061°	22'	26.23"	130°	09'	22.78"
881	061°	22'	25.83"	130°	09'	21.80"
882	061°	22'	25.11"	130°	09'	20.85"
883	061°	22'	24.39"	130°	09'	20.31"
884	061°	22'	24.10"	130°	09'	19.91"
885	061°	22'	23.58"	130°	09'	19.07"
886	061°	22'	22.99"	130°	09'	18.56"
887	061°	22'	22.03"	130°	09'	17.83"
888	061°	22'	21.24"	130°	09'	16.50"
889	061°	22'	20.94"	130°	09'	15.98"
890	061°	22'	20.52"	130°	09'	15.76"
891	061°	22'	20.19"	130°	09'	15.82"
892	061°	22'	20.02"	130°	09'	16.17"
893	061°	22'	19.80"	130°	09'	16.61"
894	061°	22'	19.59"	130°	09'	16.92"
895	061°	22'	19.39"	130°	09'	17.44"
896	061°	22'	19.23"	130°	09'	17.62"
897	061°	22'	18.93"	130°	09'	17.52"
898	061°	22'	18.68"	130°	09'	16.82"
899	061°	22'	18.43"	130°	09'	16.54"
900	061°	22'	18.10"	130°	09'	16.19"
901	061°	22'	17.51"	130°	09'	15.98"
902	061°	22'	16.88"	130°	09'	15.48"
903	061°	22'	16.19"	130°	09'	14.61"
904	061°	22'	15.46"	130°	09'	14.28"
905	061°	22'	12.78"	130°	09'	03.83"
906	061°	22'	07.75"	130°	09'	07.27"
907	061°	22'	06.34"	130°	09'	19.00"
908	061°	22'	03.87"	130°	09'	28.88"

909	061°	22'	04.42"	130°	09'	39.78"
910	061°	22'	04.64"	130°	09'	40.24"
911	061°	22'	01.79"	130°	10'	25.57"
912	061°	22'	01.91"	130°	10'	26.23"
913	061°	22'	02.06"	130°	10'	26.96"
914	061°	22'	02.26"	130°	10'	27.76"
915	061°	22'	02.38"	130°	10'	28.26"
916	061°	22'	02.49"	130°	10'	28.81"
917	061°	22'	02.59"	130°	10'	29.41"
918	061°	22'	02.69"	130°	10'	30.06"
919	061°	22'	02.77"	130°	10'	30.76"
920	061°	22'	02.85"	130°	10'	31.52"
921	061°	22'	02.95"	130°	10'	32.61"
922	061°	22'	03.03"	130°	10'	33.75"
923	061°	22'	03.08"	130°	10'	34.94"
924	061°	22'	03.12"	130°	10'	36.18"
925	061°	22'	03.15"	130°	10'	37.47"
926	061°	22'	03.15"	130°	10'	38.81"
927	061°	22'	03.13"	130°	10'	40.42"
928	061°	22'	03.10"	130°	10'	41.90"
929	061°	22'	03.04"	130°	10'	43.24"
930	061°	22'	02.97"	130°	10'	44.45"
931	061°	22'	02.88"	130°	10'	45.52"
932	061°	22'	02.77"	130°	10'	46.46"
933	061°	22'	02.65"	130°	10'	47.44"
934	061°	22'	02.56"	130°	10'	48.53"
935	061°	22'	02.49"	130°	10'	49.75"
936	061°	22'	02.43"	130°	10'	51.08"
937	061°	22'	02.40"	130°	10'	52.53"
938	061°	22'	02.39"	130°	10'	54.10"
939	061°	22'	02.40"	130°	10'	56.58"
940	061°	22'	02.44"	130°	10'	58.70"
941	061°	22'	02.50"	130°	11'	00.44"
942	061°	22'	02.59"	130°	11'	01.82"
943	061°	22'	02.71"	130°	11'	02.82"
944	061°	22'	02.85"	130°	11'	03.46"
945	061°	22'	03.22"	130°	11'	04.28"
946	061°	22'	03.77"	130°	11'	05.10"
947	061°	22'	04.51"	130°	11'	05.91"
948	061°	22'	05.43"	130°	11'	06.72"
949	061°	22'	06.54"	130°	11'	07.52"
950	061°	22'	07.82"	130°	11'	08.32"
951	061°	22'	08.27"	130°	11'	08.55"
952	061°	22'	08.72"	130°	11'	08.72"
953	061°	22'	09.17"	130°	11'	08.85"
954	061°	22'	09.61"	130°	11'	08.91"

955	061°	22'	10.06"	130°	11'	08.93"
956	061°	22'	10.51"	130°	11'	08.89"
957	061°	22'	11.10"	130°	11'	08.82"
958	061°	22'	11.63"	130°	11'	08.82"
959	061°	22'	12.10"	130°	11'	08.89"
960	061°	22'	12.52"	130°	11'	09.01"
961	061°	22'	12.89"	130°	11'	09.20"
962	061°	22'	13.19"	130°	11'	09.45"
963	061°	22'	13.66"	130°	11'	09.99"
964	061°	22'	14.08"	130°	11'	10.62"
965	061°	22'	14.45"	130°	11'	11.33"
966	061°	22'	14.78"	130°	11'	12.14"
967	061°	22'	15.07"	130°	11'	13.03"
968	061°	22'	15.30"	130°	11'	14.02"
969	061°	22'	15.37"	130°	11'	14.53"
970	061°	22'	15.42"	130°	11'	15.45"
971	061°	22'	15.47"	130°	11'	16.80"
972	061°	22'	15.51"	130°	11'	18.57"
973	061°	22'	15.55"	130°	11'	20.76"
974	061°	22'	14.28"	130°	11'	24.08"
975	061°	22'	01.19"	130°	11'	48.41"
976	061°	21'	44.21"	130°	12'	27.19"
977	061°	21'	30.83"	130°	12'	51.60"
978	061°	21'	22.99"	130°	12'	51.75"
979	061°	21'	12.86"	130°	12'	41.39"
980	061°	21'	06.11"	130°	12'	42.49"
981	061°	20'	53.83"	130°	12'	52.88"
982	061°	20'	40.37"	130°	12'	50.10"
983	061°	20'	18.34"	130°	12'	06.67"
984	061°	19'	53.56"	130°	11'	14.56"
985	061°	19'	45.56"	130°	10'	43.92"
986	061°	19'	48.43"	130°	10'	14.60"
987	061°	19'	47.62"	130°	09'	54.88"
988	061°	19'	47.99"	130°	09'	46.68"
989	061°	19'	46.22"	130°	09'	39.97"
990	061°	19'	46.69"	130°	09'	30.61"
991	061°	19'	42.02"	130°	09'	20.73"
992	061°	19'	41.92"	130°	08'	58.51"
993	061°	19'	46.79"	130°	08'	08.19"
994	061°	19'	47.42"	130°	07'	58.26"
995	061°	19'	48.83"	130°	07'	44.60"
996	061°	19'	52.44"	130°	07'	26.57"
997	061°	20'	02.75"	130°	07'	11.07"
998	061°	20'	07.82"	130°	07'	02.09"
999	061°	20'	12.30"	130°	06'	50.20"
1000	061°	20'	15.77"	130°	06'	34.01"

1001	061°	20'	20.95"	130°	06'	14.83"
1002	061°	20'	25.75"	130°	05'	59.79"
1003	061°	20'	32.27"	130°	05'	42.36"
1004	061°	20'	35.51"	130°	05'	31.88"
1005	061°	20'	39.69"	130°	05'	14.01"
1006	061°	20'	45.68"	130°	04'	48.64"
1007	061°	20'	47.31"	130°	04'	42.37"
1008	061°	20'	50.36"	130°	04'	33.46"
1009	061°	20'	52.74"	130°	04'	21.37"
1010	061°	20'	56.42"	130°	04'	06.27"
1011	061°	20'	58.33"	130°	03'	54.28"
1012	061°	21'	02.72"	130°	03'	29.52"
1013	061°	21'	02.97"	130°	03'	21.99"
1014	061°	21'	03.58"	130°	03'	17.65"
1015	061°	21'	05.03"	130°	03'	14.53"
1016	061°	21'	06.15"	130°	03'	12.89"
1017	061°	21'	10.56"	130°	03'	10.92"
1018	061°	21'	19.86"	130°	03'	07.76"
1019	061°	21'	28.70"	130°	03'	03.60"
1020	061°	21'	34.46"	130°	02'	57.35"
1021	061°	21'	41.00"	130°	02'	43.19"
1022	061°	21'	43.48"	130°	02'	29.89"
1023	061°	21'	44.54"	130°	02'	15.05"
1024	061°	21'	43.77"	130°	01'	51.72"
1025	061°	21'	41.53"	130°	01'	32.81"
1026	061°	21'	39.55"	130°	01'	18.66"
1027	061°	21'	39.28"	130°	01'	07.81"
1028	061°	21'	40.01"	130°	00'	52.85"
1029	061°	21'	40.34"	130°	00'	47.37"
1030	061°	21'	40.67"	130°	00'	43.00"
1031	061°	21'	41.06"	130°	00'	37.41"
1032	061°	21'	41.21"	130°	00'	32.91"
1033	061°	21'	41.74"	130°	00'	05.18"
1034	061°	21'	41.49"	129°	59'	54.54"
1035	061°	21'	36.60"	129°	59'	35.75"
1036	061°	21'	29.64"	129°	59'	20.48"
1037	061°	21'	26.33"	129°	59'	01.50"
1038	061°	21'	25.63"	129°	58'	48.81"
1039	061°	21'	26.56"	129°	58'	25.15"
1040	061°	21'	27.78"	129°	58'	05.33"
1041	061°	21'	26.90"	129°	57'	54.22"
1042	061°	21'	28.19"	129°	57'	46.32"
1043	061°	21'	32.79"	129°	57'	36.55"
1044	061°	21'	37.84"	129°	57'	28.77"
1045	061°	21'	41.44"	129°	57'	23.93"
1046	061°	21'	42.47"	129°	57'	13.05"

1047	061°	21'	41.60"	129°	57'	01.62"
1048	061°	21'	39.03"	129°	56'	54.60"
1049	061°	21'	38.90"	129°	56'	39.23"
1050	061°	21'	41.11"	129°	56'	29.38"
1051	061°	21'	44.47"	129°	56'	24.52"
1052	061°	21'	47.86"	129°	56'	17.19"
1053	061°	21'	51.24"	129°	56'	08.86"
1054	061°	21'	53.97"	129°	55'	53.57"
1055	061°	21'	53.56"	129°	55'	43.64"
1056	061°	21'	51.52"	129°	55'	28.71"
1057	061°	21'	49.48"	129°	55'	13.28"
1058	061°	21'	47.44"	129°	54'	57.85"
1059	061°	21'	44.90"	129°	54'	46.37"
1060	061°	21'	42.85"	129°	54'	33.92"
1061	061°	21'	41.59"	129°	54'	13.98"
1062	061°	21'	42.76"	129°	54'	03.25"
1063	061°	21'	48.19"	129°	53'	43.48"
1064	061°	21'	53.29"	129°	53'	26.26"
1065	061°	22'	00.63"	129°	53'	05.33"
1066	061°	22'	02.96"	129°	52'	55.70"
1067	061°	22'	07.21"	129°	52'	30.37"
1068	061°	22'	12.99"	129°	52'	09.93"
1069	061°	22'	22.38"	129°	51'	44.21"
1070	061°	22'	30.09"	129°	51'	28.66"
1071	061°	22'	38.57"	129°	51'	16.23"
1072	061°	22'	46.47"	129°	51'	04.87"
1073	061°	22'	53.29"	129°	50'	51.72"
1074	061°	23'	08.13"	129°	50'	39.19"
1075	061°	23'	18.65"	129°	50'	31.52"
1076	061°	23'	35.39"	129°	50'	17.69"
1077	061°	23'	43.53"	129°	50'	09.42"
1078	061°	24'	07.47"	129°	49'	46.20"
1079	061°	24'	23.28"	129°	49'	28.82"
1080	061°	24'	43.92"	129°	48'	59.57"
1081	061°	25'	07.93"	129°	48'	26.35"
1082	061°	25'	20.90"	129°	48'	03.89"
1083	061°	25'	32.04"	129°	47'	32.34"
1084	061°	25'	42.00"	129°	46'	56.31"
1085	061°	25'	49.53"	129°	46'	09.01"
1086	061°	25'	54.65"	129°	45'	30.82"
1087	061°	25'	55.46"	129°	45'	22.21"
1088	061°	26'	01.30"	129°	45'	03.60"
1089	061°	26'	02.88"	129°	44'	51.49"
1090	061°	26'	05.78"	129°	44'	22.69"
1091	061°	26'	07.03"	129°	44'	10.17"
1092	061°	26'	06.83"	129°	43'	56.13"

1093	061°	26'	08.71"	129°	43'	34.32"
1094	061°	26'	08.48"	129°	43'	17.04"
1095	061°	26'	09.32"	129°	42'	49.81"
1096	061°	26'	12.86"	129°	42'	33.43"
1097	061°	26'	14.27"	129°	42'	19.15"
1098	061°	26'	17.03"	129°	41'	54.93"
1099	061°	26'	21.68"	129°	41'	13.87"
1100	061°	26'	32.12"	129°	39'	41.39"
1101	061°	26'	36.39"	129°	38'	56.68"
1102	061°	26'	37.61"	129°	38'	41.45"
1103	061°	26'	39.39"	129°	38'	23.67"
1104	061°	26'	42.42"	129°	38'	05.24"
1105	061°	26'	47.64"	129°	37'	29.31"
1106	061°	26'	49.05"	129°	37'	13.01"
1107	061°	26'	49.55"	129°	36'	48.45"
1108	061°	26'	49.47"	129°	36'	19.30"
1109	061°	26'	50.60"	129°	35'	51.92"
1110	061°	26'	53.89"	129°	35'	15.67"
1111	061°	26'	55.55"	129°	35'	00.45"
1112	061°	26'	57.68"	129°	34'	34.30"
1113	061°	26'	59.24"	129°	34'	13.95"
1114	061°	27'	00.04"	129°	33'	54.93"
1115	061°	27'	01.75"	129°	33'	32.82"
1116	061°	27'	03.49"	129°	33'	21.38"
1117	061°	27'	06.56"	129°	32'	57.95"
1118	061°	27'	11.25"	129°	32'	21.31"
1119	061°	27'	14.48"	129°	31'	52.61"
1120	061°	27'	16.28"	129°	31'	19.70"
1121	061°	27'	18.57"	129°	31'	09.00"
1122	061°	27'	24.22"	129°	31'	00.27"
1123	061°	29'	28.40"	129°	31'	05.04"
1124	061°	31'	38.67"	129°	35'	38.74"