



INFORME PERIÓDICO

CONTRATACIÓN DIRECTA No. 2013-CD000470-32800

**Consultoría para la medición del oleaje en Bahía Caldera con la
Fundación de la Universidad de Costa Rica para la Investigación
(FUNDEVI).**

Fechas de medición: 25 de marzo del 2017 al 20 de octubre del 2017

Realizado por: IMARES-INII-UCR

Para: Dirección de Infraestructura, DMP-MOPT

Octubre 2017



INFORME PERIÓDICO



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1. JUSTIFICACIÓN

El Ministerio de Obras Públicas y Transporte (MOPT) promovió la Licitación Abreviada N° 2013LA-000000-32800 denominada “Consultoría para la medición del oleaje en bahía Caldera con la Fundación de la Universidad de Costa Rica para la Investigación (FUNDACIÓN UCR)”.

La Proveeduría institucional del MOPT mediante la resolución final N° 017-2014, manifiesta que la licitación antes mencionada se adjudica a FUNDACIÓN UCR.

FUNDACIÓN UCR realizará por medio de la Unidad de Ingeniería Marítima de Ríos y Estuarios (IMARES), los trabajos según los términos solicitados en el Cartel de licitación.

2. ALCANCE

Realizar mediciones del estado del mar cada 3 horas o máximo cada 6 horas en las proximidades de Puerto Caldera, para contar con la mayor información sobre las características propias del estado del mar como son la altura, periodo y dirección del oleaje. Lo anterior se logrará mediante:

- La instalación permanente de un equipo de medición de oleaje en la Bahía Caldera.
- Creación de una base de datos de oleaje que funcione de insumo para la operación portuaria y principalmente para el diseño y revisiones de mejoras futuras del puerto Caldera.
- Elaboración de informes que contengan los datos medidos por el equipo de medición. Como mínimo se entregarán dos informes por año.
- Elaboración de un plan de mantenimiento operativo para el equipo.



3. INTRODUCCIÓN

Este informe de avance contiene la descripción de los trabajos realizados durante el período comprendido entre los días del 25 de marzo del 2017 al 20 de Octubre del 2017, el equipo utilizado en la campaña de medición, la ubicación geográfica, las labores de instalación y los datos obtenidos durante este período.

En relación con los parámetros medidos que caracterizan el estado de mar, específicamente altura de ola y período, se les han realizado un análisis según lo solicitado en los términos de referencia del Cartel; entre ellos se han incluido series temporales de altura de ola significativa y período medio, gráficos que ilustran la distribución de dichos parámetros.

4. OBJETIVO

Presentar y analizar según los términos de referencia contenidos en el Cartel, los resultados de los parámetros que caracterizan los estados de mar medidos en las proximidades del puerto de Caldera.

5. LOCALIZACIÓN DEL EQUIPO DE MEDICIÓN

El equipo utilizado para la medición de los estados de mar en esta campaña se localizó aproximadamente en las coordenadas indicadas en el cuadro 1, tal y como fue acordado entre IMARES y la Dirección de Infraestructura de la División Marítimo Portuaria (DI-DMP) del MOPT:

Cuadro 1. Coordenadas aproximadas de la boya en Bahía Caldera.

| Tipo de equipo | Sistemas de proyección | Este (m) | Norte (m) | Profundidad (m) |
|----------------|------------------------|-------------|---------------|-----------------|
| Boya | CRTM05 | 419 319.572 | 1 095 954.703 | 15 |

Fuente: IMARES, 2016.

Se adjunta como anexo plano que muestra la ubicación de los equipos de medición.

6. DESCRIPCIÓN DE LOS EQUIPOS

Boya de oleaje

La boya realiza las medidas inerciales mediante un giroscopio de tres ejes, un acelerómetro de tres ejes y un compás también de tres ejes, todos controlados por un microcontrolador de bajo consumo. El sensor se encuentra dentro de una boya de polietileno rotomoldeado y rellena de espuma de poliuretano de celda cerrada con cúpula de policarbonato. La boya cuenta con paneles solares de silicio, batería AMG 12 v. de alta capacidad. La siguiente figura muestra la boya de medición, la cual está anclada a un elemento de concreto de aproximadamente 5 toneladas.



Figura 1. Boya de medición instalada en Caldera.

7. DESCRIPCIÓN DE LOS TRABAJOS REALIZADOS DURANTE EL PERÍODO

Instalación y configuración de medida de la boya

El 26 de marzo del 2015 se instaló una boya de medición de oleaje adquirida por la Universidad de Costa Rica, esta quedó operativa a partir del mismo día de la instalación y es la que actualmente se utiliza para la medición continua de las olas en la bahía de Caldera. La boya se fondeó a una profundidad aproximada de 15.0 m del NMBS (Nivel Medio de Bajamares de Sicigias), cuenta con una cadena de



acero galvanizado de 30.0 m de longitud, eslabones de 2.52 cm y un elemento de concreto de aproximadamente 5.0 ton que funciona como anclaje. La boya además tiene una linterna que se enciende por medio de una fotocelda, la luz tiene un alcance de 2 millas náuticas; asimismo, cuenta con un GPS para su ubicación. La boya está configurada para generar estados de mar horarios aproximadamente.

8. DATOS OBTENIDOS DURANTE EL PERÍODO DE MEDICIÓN

El periodo de medición está comprendido entre el 25 de marzo al 20 de octubre del 2017. Se cuenta, según requerimiento del cartel, con un total de 1660 estados de mar cada 3 horas, con sus parámetros de altura de ola significativa, periodo medio y periodo pico (H_s , T_{m02} y T_p). Sin embargo, debido a que la boya mide estados de mar horarios se tiene un total de 5247, los cuales se entregan en su totalidad en formato digital.

El parámetro de la dirección no fue posible medirlo debido a que la boya es escalar. No obstante, la dirección es un parámetro que por la ubicación donde se encuentran colocados los equipos y por los procesos de transformación del oleaje desde aguas profundas hasta ese sitio, se puede clasificar principalmente entre Sur y Suroeste (IMARES, DI-DMP-MOPT, 2013). Este parámetro se definirá con mayor exactitud de manera indirecta cuando se realicen el trabajo de calibración de los datos de la *National Oceanic and Atmospheric Administration* (NOAA) en aguas profundas.

8.1. Series temporales de los parámetros del estado de mar

La figura 2 muestra las series temporales de los parámetros H_s , T_{m02} y T_p correspondientes a los 1660 estados de mar medidos durante la campaña de medición.

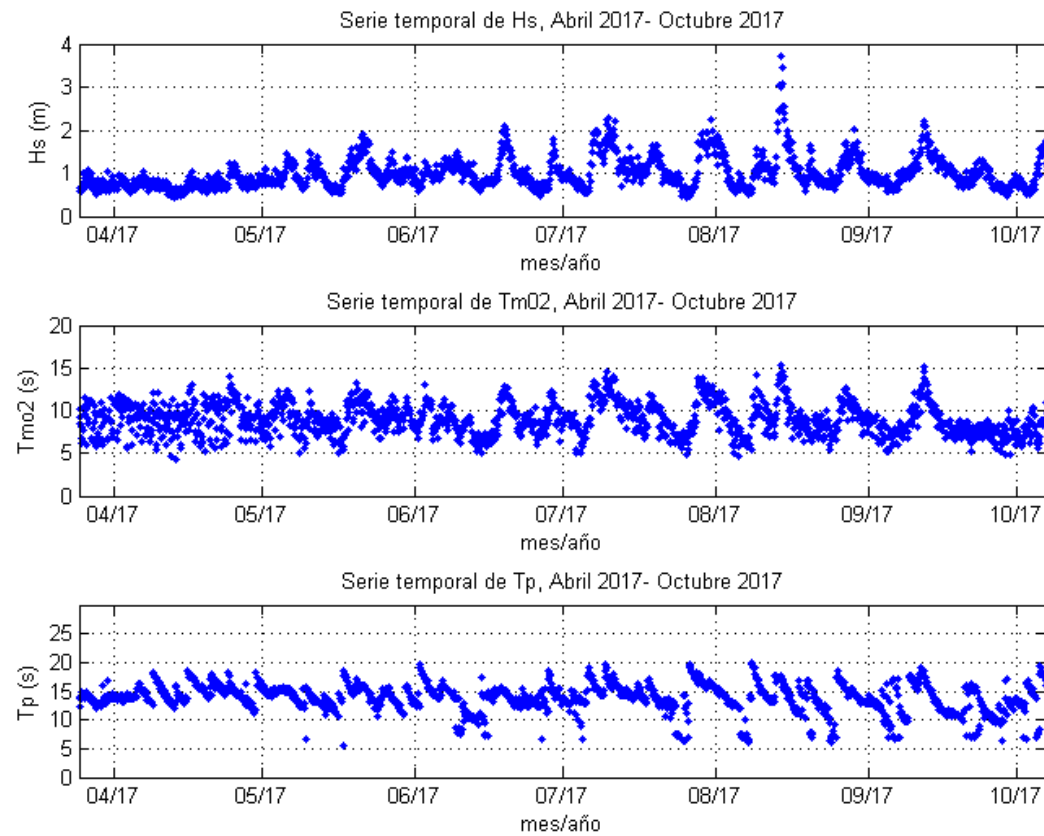


Figura 2. Series temporales de los parámetros H_s , T_{m02} y T_p medidos entre 25 de marzo del 2017 y el 20 de octubre del 2017.



Los valores de los parámetros de oleaje medidos, se pueden catalogar de según la época del año (Alfaro et al., 2010). La H_s y el T_{m02} máximo reportado fueron de aproximadamente 3.72 m y 15.25 s respectivamente. Se observa como el período T_{m02} está prácticamente en fase con la altura de ola.

8.2. Análisis preliminar de los datos medidos

En este apartado se han incluido una serie de figuras y cuadros que tienen como propósito ahondar en el análisis de la información medida y de esta manera complementar la descripción hasta ahora realizada. Para ello se han incluido figuras que muestran la relación entre parámetros, gráficos que expresan cómo se distribuyen la H_s y T_{m02} según su probabilidad de presentación y un cuadro donde se han ordenado de mayor a menor magnitud de H_s y sus otros correspondientes parámetros estadísticos como T_{m02} y H_{max} .

La figura 3 corresponde al gráfico H_s vs T_p para los 1660 datos medidos; en él se puede observar que la mayoría de los estados de mar medidos tuvieron una combinación de alturas de ola con magnitudes entre 0.5 m y 1.0 m (época de baja energía) y períodos picos entre los 12 s y 15 s aproximadamente. Asimismo, se evidencia que los oleajes más energéticos presentaron magnitudes del periodo pico 18 s. Además, a pesar que la boya por sus dispositivos no registra ondas de largo periodo, sí logra medir oleajes con periodos superiores a los 20 s, los cuales se han logrado medir en otros momentos (Goda, 1984).

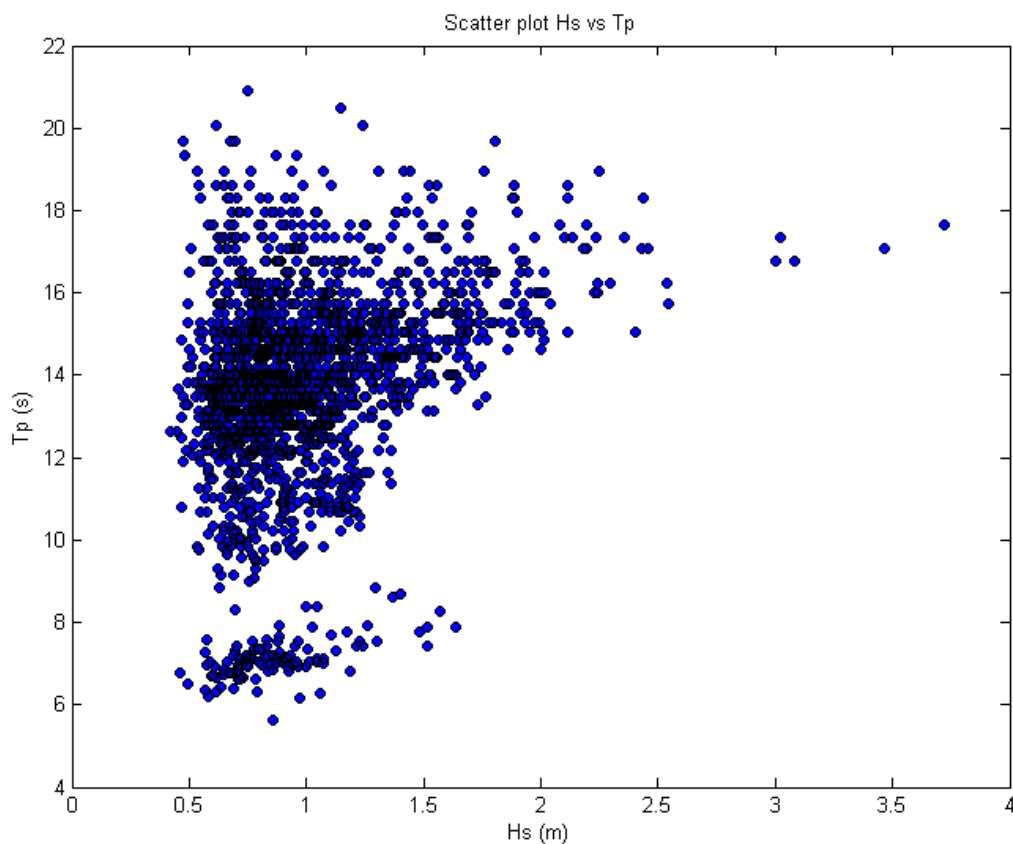


Figura 3. Relación H_s vs T_p .

La figura 4 presenta el gráfico de probabilidad acumulada de H_s para los 1660 estados de mar medidos por la boya. Este tipo de gráfico permite estimar los diferentes cuantiles. Se han incluido los tres primeros cuantiles y sus respectivos valores de H_s a modo de referencia. El percentil 25 % tiene asociado un valor de H_s de 0.75 m y los cuantiles 50 % y 75 %, los valores de H_s son 0.9 m y 1.16 m respectivamente.

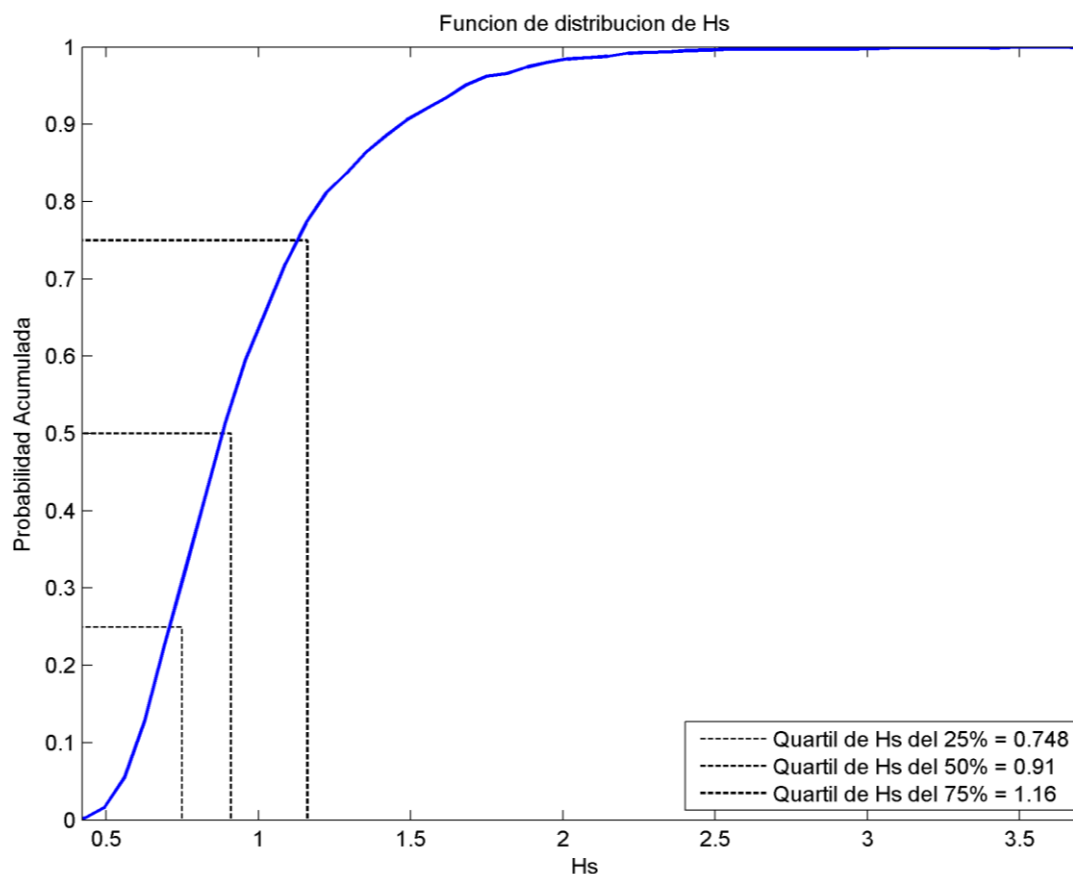


Figura 4. Función de distribución de H_s correspondiente a todos los estados de mar medidos.

El histograma de altura de ola significativa, presentado en la figura 5, muestra los 1660 estados de mar correspondientes a dicho parámetro ordenado por frecuencia de presentación; se destaca como los datos de mayor magnitud de H_s superiores al promedio, son de menor cantidad, y como los menores al promedio son los que tiene mayor ocurrencia.

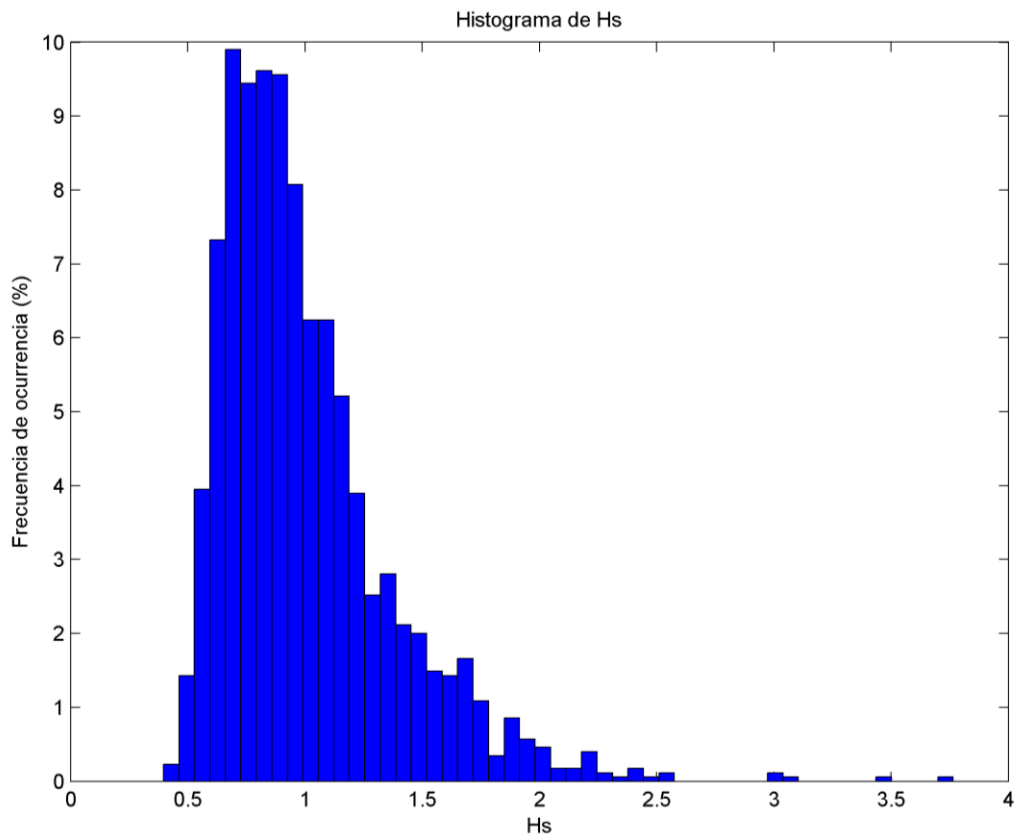


Figura 5. Histograma de H_s correspondiente a todos los estados de mar medidos.

En relación al período, la siguiente figura 6 presenta la función de distribución de los 1660 estados de mar medidos de T_{m02} , incluyendo los tres primeros cuartiles con sus respectivos valores. El cuartil 25 % tiene asociado un valor de T_{m02} de 7.6 s, mientras que los cuartiles 50 % y 75 % presenta valores de 8.82 s y 10.28 s, respectivamente.

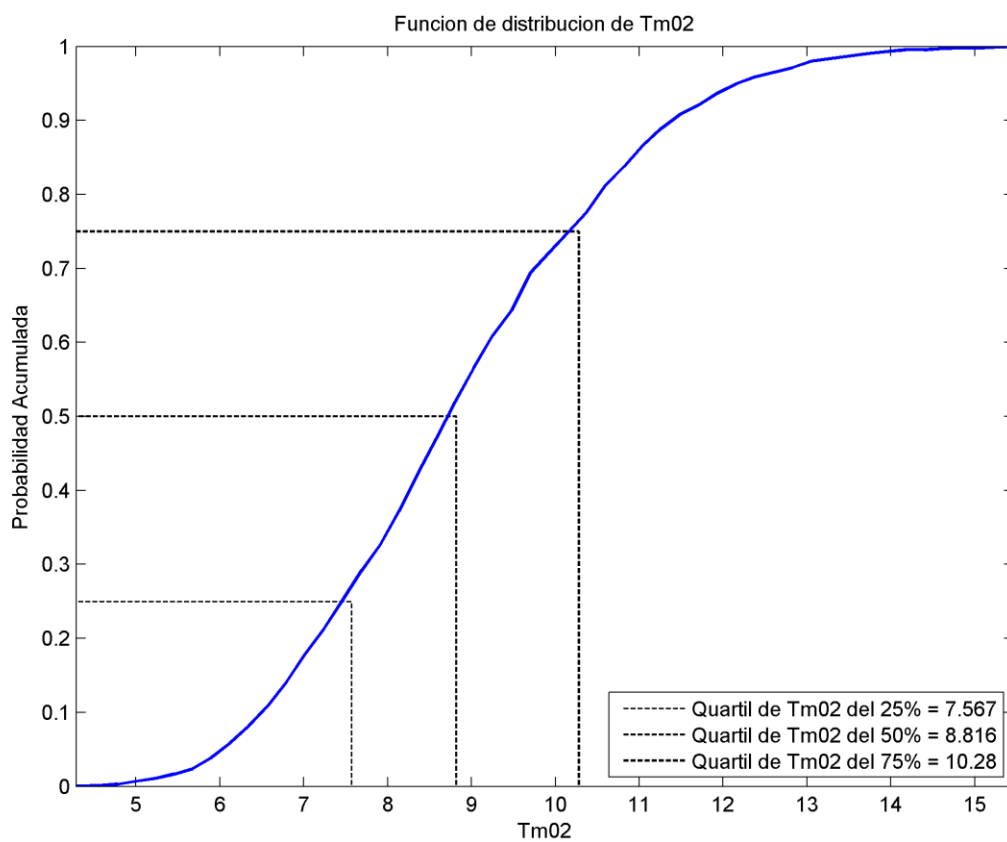


Figura 6. Función de distribución de T_{m02} , correspondiente a todos los estados de mar medidos.



9. ESTIMACIÓN DEL COSTO EN EL PERÍODO MEDIDO

La cantidad de estados de mar medidos durante este período comprendido entre el 25 de marzo del 2017 al 20 de Octubre del 2017 fue de 5247 en total, pero se facturan únicamente 1660. El cuadro 2, lista de cantidades, muestra la estimación para este período con el respectivo costo asociado. Se incluye como parte de los insumos facturados el informe de calibración. Sin embargo, este documento se presenta por su contenido en un informe independiente.

Cuadro 2. Lista de Cantidades y estimación de facturación para este período de medición.

| Item | Nombre de la tarea | Descripción de tareas | Unidad | Cantidad Estimada durante el año | Saldo anterior | Cantidad medida en el período | Saldo de cantidad (actual) | Precio unitario (US\$) | Total (US\$) |
|------|--|--|--------|----------------------------------|----------------|-------------------------------|----------------------------|--|------------------|
| 1 | Informes períodos de Estados de mar | Estados de Mar ¹ | Un* | 2,920.00 | 0.00 | 1660.00 | 1260 | 17.00 | 28,220.00 |
| 2 | Informe final | Informes de Estados de Mar acumulados y análisis correspondientes | Global | 1 | 1 | 0 | 1 | 6,132.00 | 0 |
| 3 | Calibración del modelo de predicción y análisis de la información de la NOAA | Calibración de la información con los datos de campo y análisis de la información de la NOAA histórica hasta el presente | Global | 1 | 1 | 1 | 0 | [10,000.00] ² [15,000.00] ³ | 15,000.00 |
| | | | | | | | | Total monto en esta estimación US\$ | 43,220.00 |

¹ Estados de mar se refiere a las mediciones realizadas cada 3 horas.

² El monto que aparece en paréntesis cuadrados [] es el correspondiente en caso que la Administración demande el desarrollo de esta actividad una vez al año, entendido por año el tiempo de medición de datos. En caso de realizar este trabajo más veces al año se pagará el mismo monto cotizado, cada vez que se solicite por parte de la administración que se realice la ejecución de esta actividad.

³ El monto que aparece en paréntesis () es el correspondiente a lo indicado en el apartado 1.4.6, que dice ***“...En caso que la Administración decida realizar esta actividad no al año sino más espaciado por ejemplo a los tres años de toma de datos, se deberá de cotizar por aparte el monto.”***



10. BIBLIOGRAFÍA

Alfaro H., Govaere G., Rodríguez G., Mora J. (2010). *Clima de oleaje en profundidades indefinidas frente a la costa Norte del Pacífico de Costa Rica*. Congreso de Ingeniería Civil 2010.

IMARES, DIRECCIÓN DE INFRAESTRUCTURA - MOPT. (2013). *Dinámica litoral y propuestas de actuación para la estabilización de playa Caldera*. San José.

Goda, Y. (1984). *Analysis of waves grouping and spectral of long – travelled swell*. Report of the Port and Harbour Research Institute, 22 (1), 1-41.



ANEXOS I

PLANO DE UBICACIÓN





ANEXOS II

ESTADOS DE MAR MEDIDOS Y ORDENADOS DE MAYOR A MENOR POR H_s



| Estado | Fecha | Hora | Hs(m) | Tm02(s) | Tp(s) | Hm0(m) | Hmax(m) | H1/10(m) |
|--------|------------|------|-------|---------|--------|--------|---------|----------|
| 1 | 14/08/2017 | 5 | 3.724 | 15.253 | 17.655 | 3.813 | 4.923 | 4.391 |
| 2 | 14/08/2017 | 8 | 3.465 | 14.651 | 17.067 | 3.583 | 4.931 | 4.174 |
| 3 | 14/08/2017 | 11 | 3.083 | 13.530 | 16.787 | 3.234 | 3.980 | 3.577 |
| 4 | 13/08/2017 | 22 | 3.021 | 13.601 | 17.356 | 3.116 | 3.984 | 3.658 |
| 5 | 14/08/2017 | 2 | 3.002 | 13.679 | 16.787 | 3.080 | 4.205 | 3.514 |
| 6 | 14/08/2017 | 14 | 2.544 | 12.539 | 15.754 | 2.624 | 3.642 | 2.982 |
| 7 | 14/08/2017 | 17 | 2.540 | 13.916 | 16.254 | 2.658 | 3.198 | 2.837 |
| 8 | 13/08/2017 | 16 | 2.460 | 14.145 | 17.067 | 2.491 | 3.699 | 3.046 |
| 9 | 13/08/2017 | 19 | 2.431 | 13.192 | 17.067 | 2.403 | 3.505 | 2.927 |
| 10 | 14/08/2017 | 23 | 2.406 | 12.716 | 15.059 | 2.444 | 3.645 | 2.900 |
| 11 | 10/07/2017 | 7 | 2.299 | 12.948 | 16.254 | 2.304 | 3.775 | 3.018 |
| 12 | 09/07/2017 | 19 | 2.250 | 14.577 | 18.963 | 2.390 | 2.982 | 2.708 |
| 13 | 31/07/2017 | 3 | 2.243 | 12.449 | 16.254 | 2.281 | 3.534 | 2.831 |
| 14 | 30/07/2017 | 21 | 2.240 | 12.353 | 16.000 | 2.330 | 2.972 | 2.659 |
| 15 | 14/08/2017 | 20 | 2.227 | 12.468 | 16.000 | 2.284 | 3.450 | 2.701 |
| 16 | 12/09/2017 | 6 | 2.195 | 14.540 | 17.655 | 2.303 | 2.770 | 2.526 |
| 17 | 11/07/2017 | 10 | 2.193 | 13.672 | 17.067 | 2.244 | 2.967 | 2.605 |
| 18 | 13/08/2017 | 13 | 2.182 | 11.336 | 17.067 | 2.273 | 3.122 | 2.648 |
| 19 | 09/07/2017 | 22 | 2.136 | 13.474 | 17.356 | 2.177 | 4.110 | 2.942 |
| 20 | 12/09/2017 | 0 | 2.115 | 13.791 | 18.618 | 2.198 | 2.875 | 2.439 |
| 21 | 19/06/2017 | 6 | 2.111 | 12.786 | 15.059 | 2.185 | 3.570 | 2.794 |
| 22 | 12/09/2017 | 9 | 2.104 | 13.460 | 17.356 | 2.148 | 3.251 | 2.590 |
| 23 | 12/09/2017 | 3 | 2.083 | 15.189 | 17.655 | 2.265 | 2.911 | 2.495 |
| 24 | 10/07/2017 | 10 | 2.021 | 12.041 | 16.000 | 2.217 | 3.854 | 2.789 |
| 25 | 11/07/2017 | 7 | 2.013 | 13.798 | 16.516 | 2.067 | 3.099 | 2.551 |
| 26 | 28/08/2017 | 22 | 2.012 | 11.324 | 14.841 | 2.108 | 3.064 | 2.569 |
| 27 | 19/06/2017 | 15 | 2.009 | 12.055 | 15.059 | 2.107 | 3.265 | 2.639 |
| 28 | 19/06/2017 | 3 | 2.003 | 12.210 | 14.629 | 2.024 | 2.693 | 2.464 |
| 29 | 31/07/2017 | 6 | 1.999 | 12.950 | 16.000 | 2.025 | 2.680 | 2.282 |
| 30 | 15/08/2017 | 8 | 1.996 | 12.484 | 15.284 | 2.042 | 3.190 | 2.518 |
| 31 | 07/07/2017 | 13 | 1.981 | 13.090 | 16.000 | 2.063 | 2.891 | 2.404 |
| 32 | 07/07/2017 | 22 | 1.975 | 12.361 | 15.284 | 2.093 | 3.137 | 2.489 |
| 33 | 13/08/2017 | 10 | 1.975 | 12.999 | 17.356 | 2.063 | 2.768 | 2.380 |
| 34 | 18/06/2017 | 21 | 1.952 | 12.258 | 15.059 | 2.003 | 3.049 | 2.507 |
| 35 | 29/07/2017 | 11 | 1.952 | 13.719 | 16.000 | 2.056 | 2.999 | 2.470 |
| 36 | 30/07/2017 | 9 | 1.947 | 13.076 | 16.516 | 2.048 | 3.128 | 2.728 |



| | | | | | | | | |
|----|------------|----|-------|--------|--------|-------|-------|-------|
| 37 | 08/07/2017 | 1 | 1.942 | 13.121 | 15.515 | 2.000 | 2.647 | 2.275 |
| 38 | 07/07/2017 | 4 | 1.933 | 13.401 | 16.787 | 2.036 | 2.908 | 2.547 |
| 39 | 29/07/2017 | 23 | 1.931 | 12.668 | 15.284 | 1.942 | 2.864 | 2.290 |
| 40 | 12/09/2017 | 21 | 1.924 | 12.032 | 15.754 | 1.995 | 3.103 | 2.437 |
| 41 | 29/07/2017 | 2 | 1.913 | 13.083 | 16.516 | 1.994 | 2.816 | 2.415 |
| 42 | 10/07/2017 | 4 | 1.912 | 11.884 | 16.787 | 1.945 | 3.134 | 2.331 |
| 43 | 07/07/2017 | 19 | 1.910 | 11.954 | 15.515 | 1.981 | 3.194 | 2.442 |
| 44 | 11/07/2017 | 4 | 1.902 | 14.014 | 17.965 | 1.976 | 2.676 | 2.287 |
| 45 | 21/05/2017 | 13 | 1.893 | 11.641 | 16.000 | 2.015 | 3.316 | 2.354 |
| 46 | 07/07/2017 | 7 | 1.892 | 12.908 | 16.254 | 1.930 | 3.395 | 2.497 |
| 47 | 19/06/2017 | 9 | 1.888 | 12.751 | 15.059 | 2.015 | 2.429 | 2.215 |
| 48 | 11/09/2017 | 17 | 1.885 | 12.845 | 18.618 | 2.026 | 2.660 | 2.351 |
| 49 | 11/07/2017 | 13 | 1.883 | 13.704 | 17.067 | 1.969 | 2.649 | 2.282 |
| 50 | 11/09/2017 | 20 | 1.879 | 13.006 | 18.286 | 1.926 | 2.795 | 2.345 |
| 51 | 01/08/2017 | 4 | 1.875 | 11.571 | 15.284 | 1.967 | 2.509 | 2.271 |
| 52 | 15/08/2017 | 11 | 1.873 | 11.495 | 15.059 | 1.975 | 3.306 | 2.503 |
| 53 | 10/07/2017 | 13 | 1.866 | 12.280 | 15.754 | 1.950 | 2.817 | 2.284 |
| 54 | 19/06/2017 | 12 | 1.860 | 12.062 | 14.629 | 1.919 | 2.677 | 2.210 |
| 55 | 21/05/2017 | 4 | 1.848 | 8.116 | 15.754 | 2.015 | 2.835 | 2.311 |
| 56 | 01/08/2017 | 1 | 1.832 | 11.077 | 15.284 | 1.922 | 3.354 | 2.324 |
| 57 | 12/09/2017 | 12 | 1.807 | 11.869 | 16.516 | 1.868 | 2.755 | 2.430 |
| 58 | 09/07/2017 | 13 | 1.802 | 13.883 | 19.692 | 1.911 | 2.600 | 2.075 |
| 59 | 01/08/2017 | 13 | 1.797 | 12.064 | 15.284 | 1.863 | 2.670 | 2.302 |
| 60 | 12/09/2017 | 15 | 1.793 | 13.057 | 16.516 | 1.900 | 2.754 | 2.292 |
| 61 | 29/06/2017 | 0 | 1.775 | 10.879 | 15.284 | 1.852 | 2.430 | 2.169 |
| 62 | 22/05/2017 | 13 | 1.772 | 12.015 | 14.841 | 1.781 | 2.824 | 2.267 |
| 63 | 31/07/2017 | 0 | 1.771 | 11.024 | 16.254 | 1.919 | 2.892 | 2.277 |
| 64 | 30/07/2017 | 15 | 1.770 | 10.678 | 16.516 | 1.920 | 2.527 | 2.180 |
| 65 | 06/10/2017 | 19 | 1.766 | 11.040 | 16.787 | 1.980 | 2.841 | 2.343 |
| 66 | 16/08/2017 | 3 | 1.763 | 9.728 | 13.474 | 1.877 | 2.959 | 2.213 |
| 67 | 11/09/2017 | 14 | 1.757 | 12.570 | 18.963 | 1.977 | 3.119 | 2.317 |
| 68 | 29/07/2017 | 8 | 1.754 | 13.128 | 16.787 | 1.875 | 2.747 | 2.158 |
| 69 | 10/07/2017 | 19 | 1.750 | 11.801 | 15.515 | 1.871 | 2.568 | 2.230 |
| 70 | 22/05/2017 | 7 | 1.749 | 12.139 | 15.059 | 1.811 | 2.297 | 2.068 |
| 71 | 07/07/2017 | 10 | 1.745 | 12.758 | 15.515 | 1.795 | 2.707 | 2.339 |
| 72 | 19/06/2017 | 21 | 1.742 | 12.664 | 14.222 | 1.853 | 2.323 | 2.055 |
| 73 | 10/07/2017 | 16 | 1.735 | 12.410 | 16.516 | 1.851 | 2.647 | 2.156 |



| | | | | | | | | |
|-----|------------|----|-------|--------|--------|-------|-------|-------|
| 74 | 13/09/2017 | 12 | 1.734 | 11.167 | 14.841 | 1.793 | 2.857 | 2.075 |
| 75 | 16/08/2017 | 9 | 1.733 | 10.414 | 13.299 | 1.808 | 2.642 | 2.133 |
| 76 | 18/06/2017 | 12 | 1.731 | 11.977 | 15.754 | 1.808 | 2.812 | 2.115 |
| 77 | 07/07/2017 | 16 | 1.731 | 11.800 | 15.284 | 1.842 | 2.629 | 2.241 |
| 78 | 30/07/2017 | 18 | 1.722 | 10.312 | 16.787 | 1.891 | 3.073 | 2.255 |
| 79 | 31/07/2017 | 9 | 1.718 | 11.858 | 16.000 | 1.819 | 2.698 | 2.193 |
| 80 | 29/08/2017 | 13 | 1.716 | 10.365 | 14.027 | 1.877 | 2.587 | 2.098 |
| 81 | 28/07/2017 | 11 | 1.702 | 13.898 | 17.965 | 1.789 | 2.747 | 2.210 |
| 82 | 30/07/2017 | 12 | 1.702 | 10.876 | 16.254 | 1.872 | 2.915 | 2.249 |
| 83 | 27/08/2017 | 10 | 1.699 | 12.549 | 15.284 | 1.738 | 2.770 | 2.096 |
| 84 | 06/10/2017 | 16 | 1.693 | 8.915 | 17.356 | 1.821 | 3.026 | 2.222 |
| 85 | 10/07/2017 | 1 | 1.691 | 13.357 | 17.655 | 1.800 | 2.805 | 2.178 |
| 86 | 28/06/2017 | 21 | 1.690 | 12.044 | 15.515 | 1.781 | 2.504 | 2.047 |
| 87 | 16/08/2017 | 0 | 1.690 | 10.686 | 14.222 | 1.820 | 2.716 | 2.110 |
| 88 | 22/05/2017 | 10 | 1.688 | 11.862 | 15.059 | 1.708 | 2.885 | 2.141 |
| 89 | 21/05/2017 | 22 | 1.687 | 12.031 | 15.754 | 1.761 | 2.764 | 2.115 |
| 90 | 02/08/2017 | 1 | 1.686 | 11.252 | 15.059 | 1.739 | 2.866 | 2.168 |
| 91 | 28/07/2017 | 20 | 1.683 | 13.366 | 17.655 | 1.780 | 2.643 | 2.175 |
| 92 | 22/05/2017 | 4 | 1.682 | 11.507 | 15.284 | 1.734 | 2.449 | 2.089 |
| 93 | 29/07/2017 | 14 | 1.682 | 11.241 | 15.754 | 1.781 | 2.572 | 2.039 |
| 94 | 26/08/2017 | 21 | 1.682 | 12.511 | 16.516 | 1.718 | 2.383 | 2.089 |
| 95 | 22/05/2017 | 16 | 1.681 | 10.609 | 14.423 | 1.733 | 2.278 | 1.978 |
| 96 | 08/07/2017 | 19 | 1.677 | 10.741 | 14.841 | 1.787 | 2.725 | 2.085 |
| 97 | 07/07/2017 | 1 | 1.675 | 12.908 | 16.787 | 1.771 | 2.700 | 2.219 |
| 98 | 28/07/2017 | 23 | 1.664 | 12.081 | 16.254 | 1.720 | 2.314 | 1.977 |
| 99 | 31/07/2017 | 12 | 1.664 | 11.782 | 16.000 | 1.707 | 2.596 | 2.111 |
| 100 | 15/08/2017 | 2 | 1.662 | 11.208 | 15.059 | 1.684 | 2.681 | 2.070 |
| 101 | 01/08/2017 | 19 | 1.659 | 10.905 | 15.059 | 1.714 | 2.607 | 2.104 |
| 102 | 28/08/2017 | 16 | 1.659 | 10.612 | 15.284 | 1.771 | 2.583 | 2.114 |
| 103 | 15/08/2017 | 14 | 1.658 | 8.447 | 13.838 | 1.926 | 3.277 | 2.264 |
| 104 | 18/07/2017 | 23 | 1.657 | 11.734 | 15.515 | 1.693 | 2.894 | 2.069 |
| 105 | 29/08/2017 | 1 | 1.654 | 10.068 | 14.629 | 1.852 | 2.462 | 2.051 |
| 106 | 31/07/2017 | 16 | 1.653 | 10.802 | 15.515 | 1.868 | 3.411 | 2.359 |
| 107 | 21/05/2017 | 7 | 1.652 | 9.753 | 16.000 | 1.757 | 2.735 | 2.000 |
| 108 | 29/07/2017 | 5 | 1.652 | 13.275 | 16.787 | 1.722 | 2.360 | 2.019 |
| 109 | 01/08/2017 | 10 | 1.651 | 11.787 | 15.515 | 1.678 | 2.496 | 1.967 |
| 110 | 08/07/2017 | 7 | 1.645 | 11.995 | 15.284 | 1.733 | 2.375 | 2.048 |



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|-----|------------|----|-------|--------|--------|-------|-------|-------|
| 111 | 08/07/2017 | 10 | 1.643 | 11.829 | 14.423 | 1.771 | 2.228 | 1.938 |
| 112 | 15/08/2017 | 5 | 1.641 | 12.091 | 14.841 | 1.760 | 2.914 | 2.168 |
| 113 | 19/07/2017 | 17 | 1.640 | 10.382 | 13.653 | 1.720 | 2.748 | 2.037 |
| 114 | 20/08/2017 | 3 | 1.637 | 6.944 | 7.877 | 1.785 | 2.779 | 1.974 |
| 115 | 19/06/2017 | 18 | 1.636 | 11.464 | 14.027 | 1.749 | 2.500 | 1.999 |
| 116 | 27/08/2017 | 7 | 1.634 | 12.151 | 15.515 | 1.697 | 2.858 | 2.174 |
| 117 | 10/07/2017 | 22 | 1.629 | 11.912 | 15.754 | 1.781 | 2.749 | 2.221 |
| 118 | 13/09/2017 | 0 | 1.626 | 10.697 | 15.515 | 1.681 | 2.397 | 2.052 |
| 119 | 20/07/2017 | 5 | 1.624 | 10.551 | 14.027 | 1.710 | 2.588 | 2.015 |
| 120 | 20/06/2017 | 3 | 1.618 | 11.780 | 14.027 | 1.699 | 2.517 | 1.986 |
| 121 | 12/09/2017 | 18 | 1.617 | 11.294 | 16.000 | 1.709 | 2.449 | 1.993 |
| 122 | 19/06/2017 | 0 | 1.614 | 11.733 | 14.841 | 1.699 | 2.331 | 1.989 |
| 123 | 21/05/2017 | 19 | 1.605 | 10.761 | 16.000 | 1.686 | 2.479 | 2.142 |
| 124 | 02/08/2017 | 7 | 1.605 | 12.151 | 14.841 | 1.680 | 2.106 | 1.870 |
| 125 | 29/08/2017 | 10 | 1.601 | 9.996 | 14.027 | 1.666 | 2.382 | 1.982 |
| 126 | 11/07/2017 | 16 | 1.599 | 11.314 | 16.516 | 1.756 | 2.386 | 2.026 |
| 127 | 11/07/2017 | 1 | 1.598 | 13.445 | 17.067 | 1.745 | 3.481 | 2.236 |
| 128 | 01/08/2017 | 22 | 1.596 | 11.117 | 14.629 | 1.724 | 2.320 | 2.045 |
| 129 | 20/05/2017 | 7 | 1.591 | 13.221 | 16.254 | 1.660 | 2.707 | 2.136 |
| 130 | 30/07/2017 | 3 | 1.591 | 11.722 | 15.754 | 1.643 | 2.322 | 1.882 |
| 131 | 14/07/2017 | 11 | 1.589 | 11.009 | 14.841 | 1.625 | 2.352 | 1.969 |
| 132 | 29/07/2017 | 17 | 1.586 | 12.364 | 15.754 | 1.638 | 2.176 | 1.893 |
| 133 | 06/10/2017 | 13 | 1.582 | 8.942 | 17.655 | 1.762 | 2.685 | 2.034 |
| 134 | 19/05/2017 | 1 | 1.578 | 11.833 | 15.515 | 1.665 | 2.848 | 2.092 |
| 135 | 05/10/2017 | 16 | 1.571 | 7.020 | 8.258 | 1.729 | 2.478 | 1.989 |
| 136 | 29/07/2017 | 20 | 1.566 | 12.320 | 15.515 | 1.639 | 2.907 | 2.044 |
| 137 | 28/08/2017 | 13 | 1.563 | 9.065 | 14.841 | 1.783 | 2.862 | 2.037 |
| 138 | 11/09/2017 | 11 | 1.563 | 9.715 | 17.356 | 1.844 | 3.146 | 2.215 |
| 139 | 18/06/2017 | 15 | 1.558 | 11.215 | 15.515 | 1.670 | 2.314 | 2.050 |
| 140 | 05/10/2017 | 19 | 1.554 | 8.626 | 18.618 | 1.731 | 2.387 | 1.916 |
| 141 | 20/05/2017 | 16 | 1.551 | 10.677 | 15.515 | 1.751 | 2.452 | 2.011 |
| 142 | 09/08/2017 | 3 | 1.551 | 14.224 | 17.356 | 1.617 | 1.909 | 1.750 |
| 143 | 19/07/2017 | 11 | 1.550 | 10.992 | 14.423 | 1.641 | 2.867 | 1.972 |
| 144 | 15/08/2017 | 21 | 1.546 | 10.063 | 13.838 | 1.611 | 2.703 | 1.992 |
| 145 | 16/08/2017 | 6 | 1.545 | 10.453 | 13.128 | 1.592 | 2.548 | 1.944 |
| 146 | 29/08/2017 | 4 | 1.543 | 10.564 | 14.423 | 1.633 | 2.627 | 2.033 |
| 147 | 11/07/2017 | 19 | 1.542 | 10.523 | 16.254 | 1.786 | 3.132 | 2.248 |



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|-----|------------|----|-------|--------|--------|-------|-------|-------|
| 148 | 06/10/2017 | 10 | 1.541 | 8.634 | 17.356 | 1.688 | 2.430 | 1.956 |
| 149 | 06/10/2017 | 1 | 1.538 | 8.779 | 18.286 | 1.767 | 2.394 | 1.892 |
| 150 | 20/06/2017 | 0 | 1.528 | 11.391 | 14.027 | 1.558 | 2.573 | 1.959 |
| 151 | 20/06/2017 | 9 | 1.526 | 11.140 | 14.027 | 1.551 | 2.172 | 1.893 |
| 152 | 09/07/2017 | 16 | 1.524 | 11.180 | 18.618 | 1.688 | 2.556 | 1.939 |
| 153 | 27/08/2017 | 16 | 1.524 | 11.010 | 14.841 | 1.670 | 2.302 | 1.933 |
| 154 | 09/07/2017 | 10 | 1.521 | 12.606 | 17.356 | 1.623 | 2.340 | 1.853 |
| 155 | 20/08/2017 | 0 | 1.516 | 6.518 | 7.420 | 1.625 | 2.251 | 1.869 |
| 156 | 14/09/2017 | 12 | 1.516 | 10.507 | 13.128 | 1.566 | 2.371 | 1.903 |
| 157 | 10/08/2017 | 9 | 1.515 | 11.088 | 14.629 | 1.526 | 2.242 | 1.934 |
| 158 | 20/08/2017 | 6 | 1.514 | 6.902 | 7.877 | 1.650 | 2.229 | 1.829 |
| 159 | 29/06/2017 | 12 | 1.511 | 10.513 | 14.423 | 1.569 | 2.216 | 1.843 |
| 160 | 13/09/2017 | 6 | 1.506 | 12.064 | 15.515 | 1.548 | 1.923 | 1.817 |
| 161 | 10/05/2017 | 11 | 1.503 | 12.237 | 14.841 | 1.514 | 2.249 | 1.834 |
| 162 | 19/07/2017 | 23 | 1.502 | 10.598 | 13.838 | 1.573 | 2.542 | 1.843 |
| 163 | 06/07/2017 | 22 | 1.499 | 11.242 | 16.787 | 1.571 | 2.236 | 1.856 |
| 164 | 19/07/2017 | 14 | 1.499 | 10.601 | 15.059 | 1.570 | 2.976 | 2.080 |
| 165 | 22/05/2017 | 1 | 1.496 | 10.844 | 15.284 | 1.503 | 2.272 | 1.861 |
| 166 | 28/08/2017 | 4 | 1.494 | 11.345 | 14.423 | 1.509 | 2.144 | 1.843 |
| 167 | 06/10/2017 | 7 | 1.494 | 8.242 | 17.655 | 1.698 | 2.659 | 1.833 |
| 168 | 02/08/2017 | 16 | 1.489 | 9.123 | 14.222 | 1.670 | 2.372 | 1.909 |
| 169 | 21/05/2017 | 10 | 1.488 | 9.854 | 16.000 | 1.650 | 2.790 | 1.973 |
| 170 | 11/07/2017 | 22 | 1.487 | 11.127 | 16.000 | 1.646 | 2.398 | 1.984 |
| 171 | 14/09/2017 | 3 | 1.487 | 10.131 | 13.838 | 1.540 | 2.430 | 1.785 |
| 172 | 09/06/2017 | 16 | 1.485 | 6.623 | 7.758 | 1.584 | 2.205 | 1.803 |
| 173 | 18/07/2017 | 17 | 1.484 | 11.684 | 16.000 | 1.574 | 2.291 | 1.896 |
| 174 | 09/09/2017 | 20 | 1.483 | 10.661 | 16.787 | 1.569 | 2.151 | 1.822 |
| 175 | 27/05/2017 | 10 | 1.482 | 11.719 | 14.027 | 1.597 | 2.177 | 1.874 |
| 176 | 08/07/2017 | 13 | 1.482 | 11.498 | 14.629 | 1.525 | 2.560 | 1.874 |
| 177 | 21/05/2017 | 16 | 1.475 | 8.734 | 15.754 | 1.640 | 2.746 | 2.009 |
| 178 | 11/09/2017 | 8 | 1.473 | 11.527 | 17.965 | 1.596 | 2.310 | 1.837 |
| 179 | 06/05/2017 | 3 | 1.470 | 12.277 | 15.284 | 1.467 | 2.257 | 1.895 |
| 180 | 31/07/2017 | 22 | 1.469 | 11.010 | 15.284 | 1.544 | 2.552 | 1.898 |
| 181 | 28/06/2017 | 18 | 1.464 | 12.377 | 16.254 | 1.529 | 2.242 | 1.802 |
| 182 | 18/06/2017 | 9 | 1.456 | 11.548 | 15.059 | 1.503 | 2.404 | 1.833 |
| 183 | 08/07/2017 | 16 | 1.456 | 9.928 | 14.629 | 1.567 | 2.170 | 1.860 |
| 184 | 11/05/2017 | 2 | 1.455 | 10.716 | 13.653 | 1.503 | 2.175 | 1.767 |



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|-----|------------|----|-------|--------|--------|-------|-------|-------|
| 185 | 18/06/2017 | 18 | 1.455 | 9.619 | 15.059 | 1.621 | 2.521 | 1.953 |
| 186 | 10/08/2017 | 6 | 1.454 | 11.789 | 14.841 | 1.545 | 2.221 | 1.756 |
| 187 | 28/08/2017 | 19 | 1.453 | 10.007 | 14.629 | 1.627 | 2.302 | 1.939 |
| 188 | 31/07/2017 | 19 | 1.447 | 10.926 | 15.284 | 1.526 | 2.039 | 1.796 |
| 189 | 08/07/2017 | 4 | 1.444 | 11.019 | 15.284 | 1.621 | 2.466 | 1.907 |
| 190 | 28/08/2017 | 1 | 1.443 | 11.075 | 14.629 | 1.470 | 2.046 | 1.713 |
| 191 | 29/08/2017 | 7 | 1.439 | 10.780 | 14.629 | 1.518 | 2.296 | 1.787 |
| 192 | 30/08/2017 | 16 | 1.438 | 7.116 | 13.299 | 1.604 | 2.288 | 1.830 |
| 193 | 02/08/2017 | 10 | 1.433 | 11.148 | 14.629 | 1.539 | 2.153 | 1.838 |
| 194 | 29/08/2017 | 19 | 1.433 | 9.870 | 13.838 | 1.566 | 2.333 | 1.825 |
| 195 | 19/07/2017 | 20 | 1.432 | 10.202 | 13.474 | 1.469 | 2.000 | 1.786 |
| 196 | 09/08/2017 | 6 | 1.432 | 12.547 | 17.067 | 1.505 | 1.861 | 1.628 |
| 197 | 30/07/2017 | 6 | 1.430 | 11.895 | 16.516 | 1.475 | 2.042 | 1.744 |
| 198 | 06/10/2017 | 4 | 1.430 | 8.570 | 18.286 | 1.618 | 2.181 | 1.777 |
| 199 | 29/06/2017 | 6 | 1.429 | 10.780 | 15.059 | 1.516 | 2.230 | 1.809 |
| 200 | 13/09/2017 | 15 | 1.425 | 10.089 | 15.059 | 1.537 | 2.464 | 1.837 |
| 201 | 01/08/2017 | 16 | 1.421 | 7.746 | 14.423 | 1.579 | 2.436 | 1.914 |
| 202 | 11/09/2017 | 5 | 1.419 | 12.163 | 17.965 | 1.510 | 2.489 | 1.899 |
| 203 | 05/10/2017 | 22 | 1.417 | 8.838 | 18.963 | 1.615 | 2.725 | 1.806 |
| 204 | 18/05/2017 | 22 | 1.416 | 11.387 | 15.754 | 1.482 | 2.172 | 1.851 |
| 205 | 09/07/2017 | 1 | 1.410 | 11.709 | 14.423 | 1.468 | 2.301 | 1.715 |
| 206 | 20/05/2017 | 22 | 1.408 | 11.446 | 15.059 | 1.462 | 2.089 | 1.756 |
| 207 | 20/07/2017 | 20 | 1.407 | 10.309 | 13.474 | 1.476 | 2.165 | 1.701 |
| 208 | 09/06/2017 | 10 | 1.405 | 7.813 | 8.678 | 1.484 | 2.602 | 1.780 |
| 209 | 19/07/2017 | 5 | 1.405 | 10.372 | 14.423 | 1.517 | 2.426 | 1.771 |
| 210 | 21/05/2017 | 1 | 1.404 | 8.182 | 16.000 | 1.625 | 2.476 | 1.828 |
| 211 | 13/09/2017 | 3 | 1.404 | 10.742 | 15.515 | 1.486 | 2.425 | 1.849 |
| 212 | 14/09/2017 | 0 | 1.404 | 9.881 | 13.653 | 1.456 | 2.254 | 1.773 |
| 213 | 02/08/2017 | 22 | 1.401 | 11.308 | 13.838 | 1.468 | 1.964 | 1.612 |
| 214 | 19/05/2017 | 4 | 1.399 | 10.834 | 14.629 | 1.429 | 2.102 | 1.744 |
| 215 | 20/05/2017 | 10 | 1.399 | 12.504 | 16.516 | 1.538 | 2.134 | 1.729 |
| 216 | 27/08/2017 | 1 | 1.398 | 11.195 | 15.515 | 1.524 | 2.238 | 1.836 |
| 217 | 10/09/2017 | 23 | 1.396 | 9.850 | 16.516 | 1.539 | 1.853 | 1.698 |
| 218 | 14/09/2017 | 15 | 1.391 | 8.081 | 13.474 | 1.525 | 2.313 | 1.914 |
| 219 | 05/10/2017 | 13 | 1.391 | 6.273 | 17.965 | 1.559 | 2.456 | 1.714 |
| 220 | 12/05/2017 | 3 | 1.389 | 9.630 | 13.128 | 1.458 | 2.369 | 1.717 |
| 221 | 29/06/2017 | 9 | 1.389 | 10.656 | 13.838 | 1.440 | 2.165 | 1.667 |



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|-----|------------|----|-------|--------|--------|-------|-------|-------|
| 222 | 16/07/2017 | 2 | 1.387 | 11.231 | 16.254 | 1.457 | 2.230 | 1.740 |
| 223 | 07/10/2017 | 14 | 1.386 | 10.426 | 15.515 | 1.416 | 1.939 | 1.613 |
| 224 | 20/06/2017 | 15 | 1.384 | 11.209 | 13.299 | 1.464 | 2.105 | 1.698 |
| 225 | 10/08/2017 | 12 | 1.382 | 11.130 | 15.059 | 1.423 | 2.020 | 1.666 |
| 226 | 20/07/2017 | 2 | 1.379 | 10.391 | 13.653 | 1.456 | 2.036 | 1.691 |
| 227 | 28/07/2017 | 17 | 1.379 | 12.980 | 17.965 | 1.446 | 2.228 | 1.722 |
| 228 | 02/08/2017 | 4 | 1.378 | 10.093 | 14.423 | 1.463 | 2.120 | 1.726 |
| 229 | 27/08/2017 | 4 | 1.377 | 12.662 | 15.515 | 1.435 | 2.072 | 1.696 |
| 230 | 19/05/2017 | 7 | 1.376 | 12.099 | 14.841 | 1.432 | 2.132 | 1.700 |
| 231 | 30/05/2017 | 12 | 1.376 | 10.977 | 15.284 | 1.461 | 1.940 | 1.609 |
| 232 | 13/08/2017 | 7 | 1.375 | 10.667 | 17.655 | 1.513 | 2.046 | 1.706 |
| 233 | 26/08/2017 | 15 | 1.371 | 10.617 | 16.254 | 1.430 | 2.059 | 1.728 |
| 234 | 20/06/2017 | 18 | 1.369 | 10.526 | 13.299 | 1.406 | 2.082 | 1.831 |
| 235 | 08/07/2017 | 22 | 1.369 | 10.207 | 14.222 | 1.384 | 2.330 | 1.789 |
| 236 | 14/09/2017 | 9 | 1.369 | 9.901 | 13.474 | 1.431 | 1.931 | 1.658 |
| 237 | 09/06/2017 | 19 | 1.368 | 7.240 | 8.605 | 1.397 | 1.955 | 1.627 |
| 238 | 11/10/2017 | 17 | 1.365 | 10.110 | 13.474 | 1.499 | 2.790 | 1.817 |
| 239 | 16/08/2017 | 15 | 1.363 | 7.828 | 12.190 | 1.428 | 2.108 | 1.697 |
| 240 | 15/09/2017 | 19 | 1.360 | 8.460 | 11.378 | 1.445 | 2.176 | 1.702 |
| 241 | 28/07/2017 | 14 | 1.359 | 13.316 | 17.356 | 1.425 | 2.457 | 1.796 |
| 242 | 26/05/2017 | 22 | 1.358 | 10.928 | 14.423 | 1.385 | 2.461 | 1.736 |
| 243 | 29/08/2017 | 16 | 1.357 | 9.046 | 13.653 | 1.463 | 2.493 | 1.857 |
| 244 | 29/08/2017 | 22 | 1.357 | 9.807 | 13.653 | 1.406 | 2.041 | 1.641 |
| 245 | 09/07/2017 | 4 | 1.356 | 11.120 | 14.423 | 1.468 | 2.143 | 1.731 |
| 246 | 18/07/2017 | 20 | 1.356 | 10.924 | 15.284 | 1.445 | 1.970 | 1.668 |
| 247 | 09/06/2017 | 4 | 1.355 | 8.864 | 14.027 | 1.409 | 2.308 | 1.732 |
| 248 | 29/06/2017 | 3 | 1.354 | 11.544 | 14.629 | 1.371 | 1.861 | 1.618 |
| 249 | 06/05/2017 | 9 | 1.349 | 12.247 | 14.841 | 1.358 | 1.843 | 1.665 |
| 250 | 27/08/2017 | 22 | 1.349 | 11.741 | 14.423 | 1.431 | 2.363 | 1.828 |
| 251 | 15/09/2017 | 10 | 1.348 | 9.679 | 11.636 | 1.395 | 1.984 | 1.654 |
| 252 | 07/06/2017 | 22 | 1.347 | 9.752 | 15.059 | 1.462 | 2.167 | 1.742 |
| 253 | 30/05/2017 | 9 | 1.346 | 11.439 | 16.000 | 1.375 | 2.259 | 1.654 |
| 254 | 06/05/2017 | 15 | 1.344 | 8.366 | 15.515 | 1.592 | 2.525 | 1.831 |
| 255 | 13/09/2017 | 9 | 1.343 | 10.841 | 15.284 | 1.409 | 2.144 | 1.755 |
| 256 | 15/09/2017 | 0 | 1.342 | 9.810 | 12.800 | 1.393 | 2.158 | 1.655 |
| 257 | 07/10/2017 | 8 | 1.341 | 11.274 | 15.754 | 1.535 | 2.301 | 1.789 |
| 258 | 07/06/2017 | 2 | 1.340 | 11.290 | 15.754 | 1.412 | 2.165 | 1.681 |



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|-----|------------|----|-------|--------|--------|-------|-------|-------|
| 259 | 09/06/2017 | 7 | 1.340 | 8.263 | 13.838 | 1.416 | 2.009 | 1.646 |
| 260 | 20/06/2017 | 6 | 1.338 | 10.084 | 14.222 | 1.478 | 2.284 | 1.847 |
| 261 | 13/07/2017 | 11 | 1.338 | 10.713 | 14.423 | 1.357 | 2.460 | 1.721 |
| 262 | 14/07/2017 | 14 | 1.338 | 9.445 | 14.423 | 1.468 | 1.948 | 1.724 |
| 263 | 10/09/2017 | 11 | 1.332 | 9.664 | 15.515 | 1.448 | 2.266 | 1.679 |
| 264 | 07/06/2017 | 9 | 1.328 | 8.623 | 15.754 | 1.444 | 2.281 | 1.614 |
| 265 | 16/08/2017 | 12 | 1.328 | 6.818 | 12.488 | 1.514 | 2.831 | 1.727 |
| 266 | 18/06/2017 | 2 | 1.327 | 9.952 | 15.284 | 1.353 | 1.927 | 1.562 |
| 267 | 14/07/2017 | 23 | 1.327 | 9.620 | 14.423 | 1.410 | 2.195 | 1.724 |
| 268 | 14/09/2017 | 18 | 1.326 | 9.472 | 12.800 | 1.359 | 2.415 | 1.697 |
| 269 | 20/06/2017 | 12 | 1.325 | 10.465 | 13.299 | 1.368 | 1.988 | 1.606 |
| 270 | 14/07/2017 | 20 | 1.323 | 10.612 | 14.629 | 1.384 | 1.985 | 1.698 |
| 271 | 20/05/2017 | 19 | 1.321 | 11.198 | 16.254 | 1.444 | 2.168 | 1.747 |
| 272 | 14/09/2017 | 6 | 1.321 | 10.660 | 13.299 | 1.380 | 2.253 | 1.564 |
| 273 | 26/08/2017 | 18 | 1.319 | 11.257 | 16.254 | 1.457 | 3.026 | 1.916 |
| 274 | 20/05/2017 | 4 | 1.312 | 12.192 | 17.067 | 1.427 | 1.915 | 1.624 |
| 275 | 12/07/2017 | 11 | 1.312 | 11.090 | 15.059 | 1.427 | 2.249 | 1.736 |
| 276 | 20/07/2017 | 8 | 1.312 | 9.762 | 13.653 | 1.441 | 2.173 | 1.711 |
| 277 | 19/07/2017 | 8 | 1.310 | 10.532 | 14.423 | 1.394 | 2.508 | 1.642 |
| 278 | 15/08/2017 | 17 | 1.310 | 9.096 | 14.222 | 1.422 | 2.218 | 1.725 |
| 279 | 23/09/2017 | 20 | 1.308 | 7.770 | 12.190 | 1.406 | 2.403 | 1.649 |
| 280 | 06/05/2017 | 6 | 1.307 | 11.967 | 15.515 | 1.359 | 2.389 | 1.665 |
| 281 | 10/05/2017 | 20 | 1.306 | 9.727 | 14.027 | 1.353 | 1.864 | 1.608 |
| 282 | 13/09/2017 | 18 | 1.306 | 9.734 | 14.423 | 1.402 | 1.940 | 1.566 |
| 283 | 28/07/2017 | 8 | 1.303 | 12.894 | 16.787 | 1.345 | 1.792 | 1.594 |
| 284 | 19/07/2017 | 2 | 1.301 | 10.042 | 15.284 | 1.371 | 2.078 | 1.711 |
| 285 | 20/08/2017 | 9 | 1.300 | 7.003 | 7.529 | 1.422 | 2.243 | 1.691 |
| 286 | 27/05/2017 | 7 | 1.299 | 10.356 | 14.027 | 1.394 | 2.276 | 1.702 |
| 287 | 20/05/2017 | 13 | 1.298 | 11.005 | 15.059 | 1.449 | 2.633 | 1.847 |
| 288 | 13/07/2017 | 23 | 1.297 | 10.321 | 15.515 | 1.349 | 2.462 | 1.731 |
| 289 | 28/08/2017 | 10 | 1.297 | 10.286 | 15.284 | 1.400 | 1.979 | 1.651 |
| 290 | 23/09/2017 | 8 | 1.292 | 8.319 | 8.828 | 1.415 | 2.082 | 1.659 |
| 291 | 07/05/2017 | 6 | 1.291 | 11.036 | 14.841 | 1.315 | 1.889 | 1.582 |
| 292 | 08/06/2017 | 7 | 1.291 | 10.445 | 14.841 | 1.351 | 1.906 | 1.598 |
| 293 | 23/05/2017 | 4 | 1.289 | 10.505 | 13.653 | 1.386 | 2.069 | 1.563 |
| 294 | 07/10/2017 | 17 | 1.289 | 9.416 | 15.754 | 1.399 | 2.306 | 1.682 |
| 295 | 19/05/2017 | 22 | 1.286 | 11.099 | 14.841 | 1.387 | 1.845 | 1.579 |



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|-----|------------|----|-------|--------|--------|-------|-------|-------|
| 296 | 18/07/2017 | 8 | 1.283 | 11.898 | 17.067 | 1.353 | 1.866 | 1.606 |
| 297 | 13/09/2017 | 21 | 1.282 | 9.724 | 14.629 | 1.399 | 1.949 | 1.661 |
| 298 | 07/10/2017 | 20 | 1.281 | 10.947 | 15.059 | 1.300 | 1.923 | 1.572 |
| 299 | 10/05/2017 | 23 | 1.280 | 10.992 | 13.838 | 1.331 | 2.549 | 1.798 |
| 300 | 28/06/2017 | 12 | 1.279 | 12.092 | 15.284 | 1.334 | 1.840 | 1.646 |
| 301 | 11/10/2017 | 20 | 1.279 | 9.171 | 12.962 | 1.307 | 1.982 | 1.620 |
| 302 | 12/05/2017 | 9 | 1.278 | 8.651 | 13.128 | 1.387 | 2.418 | 1.652 |
| 303 | 30/08/2017 | 1 | 1.273 | 10.015 | 13.838 | 1.356 | 2.245 | 1.658 |
| 304 | 15/10/2017 | 0 | 1.273 | 9.095 | 14.222 | 1.376 | 2.325 | 1.619 |
| 305 | 18/05/2017 | 13 | 1.270 | 7.788 | 16.516 | 1.437 | 2.034 | 1.692 |
| 306 | 03/06/2017 | 1 | 1.265 | 13.081 | 17.067 | 1.293 | 1.979 | 1.558 |
| 307 | 30/08/2017 | 4 | 1.264 | 9.373 | 12.962 | 1.297 | 2.327 | 1.668 |
| 308 | 16/09/2017 | 1 | 1.264 | 8.472 | 11.636 | 1.374 | 1.848 | 1.553 |
| 309 | 07/10/2017 | 11 | 1.263 | 11.281 | 15.754 | 1.329 | 1.911 | 1.575 |
| 310 | 10/06/2017 | 8 | 1.259 | 6.252 | 7.938 | 1.348 | 2.038 | 1.563 |
| 311 | 02/08/2017 | 19 | 1.257 | 10.284 | 14.222 | 1.309 | 1.935 | 1.568 |
| 312 | 05/05/2017 | 21 | 1.254 | 11.904 | 14.841 | 1.279 | 1.979 | 1.619 |
| 313 | 11/10/2017 | 8 | 1.252 | 10.124 | 13.474 | 1.344 | 1.926 | 1.570 |
| 314 | 13/07/2017 | 2 | 1.250 | 11.298 | 14.629 | 1.269 | 1.832 | 1.578 |
| 315 | 10/08/2017 | 3 | 1.250 | 11.783 | 15.515 | 1.404 | 1.785 | 1.534 |
| 316 | 15/09/2017 | 4 | 1.246 | 9.345 | 11.636 | 1.283 | 2.006 | 1.551 |
| 317 | 24/04/2017 | 8 | 1.244 | 14.082 | 17.655 | 1.290 | 1.729 | 1.435 |
| 318 | 12/05/2017 | 6 | 1.244 | 6.967 | 13.474 | 1.420 | 2.024 | 1.533 |
| 319 | 20/10/2017 | 16 | 1.243 | 11.001 | 20.078 | 1.366 | 2.429 | 1.758 |
| 320 | 18/07/2017 | 14 | 1.242 | 9.991 | 16.516 | 1.344 | 2.019 | 1.551 |
| 321 | 05/10/2017 | 7 | 1.242 | 6.511 | 7.420 | 1.342 | 2.077 | 1.500 |
| 322 | 14/10/2017 | 9 | 1.242 | 10.431 | 15.059 | 1.315 | 2.066 | 1.483 |
| 323 | 12/05/2017 | 12 | 1.241 | 9.713 | 12.962 | 1.263 | 2.075 | 1.593 |
| 324 | 22/05/2017 | 19 | 1.241 | 10.126 | 14.423 | 1.336 | 1.931 | 1.569 |
| 325 | 18/07/2017 | 11 | 1.241 | 10.560 | 16.516 | 1.330 | 2.436 | 1.604 |
| 326 | 20/10/2017 | 13 | 1.241 | 11.008 | 20.078 | 1.414 | 2.160 | 1.682 |
| 327 | 02/08/2017 | 13 | 1.238 | 9.783 | 14.423 | 1.299 | 1.704 | 1.516 |
| 328 | 11/10/2017 | 5 | 1.236 | 11.128 | 14.222 | 1.238 | 1.869 | 1.522 |
| 329 | 19/05/2017 | 16 | 1.232 | 9.093 | 14.423 | 1.423 | 2.097 | 1.707 |
| 330 | 19/05/2017 | 19 | 1.232 | 11.159 | 15.284 | 1.298 | 1.891 | 1.540 |
| 331 | 09/08/2017 | 21 | 1.232 | 10.294 | 15.754 | 1.353 | 1.853 | 1.611 |
| 332 | 10/08/2017 | 15 | 1.232 | 9.208 | 14.841 | 1.389 | 1.988 | 1.659 |



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|-----|------------|----|-------|--------|--------|-------|-------|-------|
| 333 | 15/09/2017 | 16 | 1.230 | 7.770 | 11.378 | 1.336 | 2.008 | 1.640 |
| 334 | 12/06/2017 | 21 | 1.229 | 6.557 | 10.557 | 1.370 | 2.138 | 1.622 |
| 335 | 14/07/2017 | 17 | 1.229 | 9.589 | 14.629 | 1.322 | 1.787 | 1.477 |
| 336 | 11/06/2017 | 21 | 1.227 | 8.629 | 10.343 | 1.262 | 1.932 | 1.549 |
| 337 | 06/07/2017 | 16 | 1.227 | 8.248 | 17.356 | 1.356 | 1.994 | 1.649 |
| 338 | 10/06/2017 | 5 | 1.226 | 7.042 | 7.529 | 1.310 | 1.949 | 1.519 |
| 339 | 09/07/2017 | 7 | 1.226 | 10.810 | 15.059 | 1.281 | 2.092 | 1.478 |
| 340 | 25/04/2017 | 9 | 1.224 | 12.225 | 14.629 | 1.311 | 2.073 | 1.593 |
| 341 | 25/04/2017 | 12 | 1.224 | 12.180 | 15.284 | 1.335 | 2.203 | 1.657 |
| 342 | 28/08/2017 | 7 | 1.221 | 10.130 | 15.059 | 1.291 | 1.925 | 1.584 |
| 343 | 23/05/2017 | 1 | 1.218 | 10.701 | 14.629 | 1.303 | 1.644 | 1.438 |
| 344 | 15/09/2017 | 13 | 1.217 | 8.924 | 12.190 | 1.277 | 2.126 | 1.472 |
| 345 | 16/08/2017 | 18 | 1.216 | 7.934 | 11.636 | 1.344 | 1.994 | 1.557 |
| 346 | 10/09/2017 | 20 | 1.216 | 9.473 | 15.515 | 1.361 | 2.233 | 1.690 |
| 347 | 07/05/2017 | 3 | 1.215 | 11.406 | 14.423 | 1.282 | 1.995 | 1.549 |
| 348 | 24/09/2017 | 11 | 1.215 | 6.923 | 11.506 | 1.335 | 2.119 | 1.502 |
| 349 | 08/06/2017 | 1 | 1.214 | 9.705 | 15.059 | 1.309 | 1.791 | 1.454 |
| 350 | 16/09/2017 | 4 | 1.214 | 8.559 | 11.253 | 1.308 | 1.928 | 1.523 |
| 351 | 07/05/2017 | 15 | 1.213 | 7.049 | 14.027 | 1.382 | 2.042 | 1.529 |
| 352 | 12/06/2017 | 0 | 1.213 | 8.856 | 10.667 | 1.249 | 2.017 | 1.525 |
| 353 | 22/09/2017 | 20 | 1.212 | 6.807 | 7.420 | 1.317 | 2.028 | 1.572 |
| 354 | 06/10/2017 | 22 | 1.212 | 8.801 | 16.000 | 1.314 | 1.895 | 1.470 |
| 355 | 27/05/2017 | 19 | 1.211 | 9.460 | 13.299 | 1.346 | 2.273 | 1.576 |
| 356 | 11/06/2017 | 18 | 1.210 | 9.223 | 11.011 | 1.245 | 1.992 | 1.572 |
| 357 | 11/08/2017 | 9 | 1.209 | 9.748 | 14.027 | 1.344 | 1.867 | 1.484 |
| 358 | 27/08/2017 | 13 | 1.209 | 8.914 | 15.059 | 1.363 | 2.043 | 1.614 |
| 359 | 10/09/2017 | 2 | 1.209 | 12.062 | 16.787 | 1.277 | 1.974 | 1.503 |
| 360 | 09/08/2017 | 9 | 1.207 | 10.385 | 16.787 | 1.295 | 1.841 | 1.537 |
| 361 | 09/06/2017 | 13 | 1.205 | 8.104 | 13.653 | 1.297 | 1.897 | 1.561 |
| 362 | 14/10/2017 | 12 | 1.204 | 8.884 | 14.841 | 1.321 | 2.056 | 1.526 |
| 363 | 18/06/2017 | 6 | 1.203 | 11.372 | 15.515 | 1.264 | 1.995 | 1.551 |
| 364 | 03/08/2017 | 1 | 1.203 | 10.283 | 14.222 | 1.289 | 1.892 | 1.487 |
| 365 | 17/08/2017 | 3 | 1.203 | 8.492 | 11.907 | 1.281 | 1.733 | 1.475 |
| 366 | 26/08/2017 | 12 | 1.203 | 9.790 | 16.516 | 1.300 | 1.777 | 1.550 |
| 367 | 26/08/2017 | 0 | 1.202 | 10.084 | 16.516 | 1.277 | 1.939 | 1.562 |
| 368 | 12/06/2017 | 9 | 1.201 | 9.261 | 10.667 | 1.222 | 1.872 | 1.500 |
| 369 | 20/07/2017 | 17 | 1.200 | 8.199 | 12.800 | 1.318 | 2.157 | 1.602 |



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|-----|------------|----|-------|--------|--------|-------|-------|-------|
| 370 | 26/05/2017 | 19 | 1.199 | 10.011 | 15.284 | 1.334 | 1.834 | 1.592 |
| 371 | 08/06/2017 | 19 | 1.199 | 8.710 | 14.841 | 1.303 | 2.249 | 1.572 |
| 372 | 24/09/2017 | 8 | 1.198 | 8.456 | 12.047 | 1.261 | 2.078 | 1.515 |
| 373 | 07/06/2017 | 18 | 1.197 | 9.869 | 15.059 | 1.234 | 1.907 | 1.495 |
| 374 | 15/10/2017 | 9 | 1.197 | 9.220 | 13.299 | 1.228 | 1.696 | 1.445 |
| 375 | 11/10/2017 | 11 | 1.193 | 10.137 | 13.474 | 1.232 | 1.682 | 1.452 |
| 376 | 17/09/2017 | 10 | 1.192 | 8.826 | 11.506 | 1.265 | 2.049 | 1.527 |
| 377 | 07/06/2017 | 15 | 1.190 | 8.295 | 15.059 | 1.358 | 2.142 | 1.534 |
| 378 | 06/07/2017 | 19 | 1.189 | 10.532 | 17.655 | 1.339 | 1.900 | 1.513 |
| 379 | 15/10/2017 | 12 | 1.186 | 9.340 | 13.474 | 1.238 | 2.131 | 1.480 |
| 380 | 21/07/2017 | 2 | 1.185 | 9.396 | 13.299 | 1.237 | 1.839 | 1.509 |
| 381 | 11/08/2017 | 3 | 1.184 | 10.768 | 13.838 | 1.259 | 2.256 | 1.624 |
| 382 | 16/09/2017 | 7 | 1.184 | 8.551 | 11.378 | 1.260 | 1.833 | 1.465 |
| 383 | 23/05/2017 | 10 | 1.183 | 10.056 | 13.653 | 1.253 | 1.696 | 1.470 |
| 384 | 12/07/2017 | 23 | 1.183 | 11.050 | 15.059 | 1.250 | 2.131 | 1.537 |
| 385 | 09/09/2017 | 17 | 1.183 | 8.221 | 17.356 | 1.354 | 2.043 | 1.596 |
| 386 | 16/09/2017 | 19 | 1.183 | 8.553 | 10.779 | 1.282 | 1.659 | 1.440 |
| 387 | 24/09/2017 | 5 | 1.183 | 7.758 | 10.449 | 1.216 | 1.747 | 1.443 |
| 388 | 19/08/2017 | 21 | 1.182 | 7.813 | 16.000 | 1.335 | 1.872 | 1.416 |
| 389 | 15/09/2017 | 7 | 1.182 | 9.588 | 11.770 | 1.224 | 2.028 | 1.493 |
| 390 | 16/07/2017 | 14 | 1.181 | 8.033 | 15.059 | 1.423 | 2.318 | 1.625 |
| 391 | 08/06/2017 | 16 | 1.180 | 9.482 | 14.222 | 1.285 | 1.850 | 1.482 |
| 392 | 06/06/2017 | 23 | 1.176 | 10.852 | 15.754 | 1.234 | 1.811 | 1.445 |
| 393 | 05/06/2017 | 4 | 1.174 | 9.221 | 14.423 | 1.219 | 1.600 | 1.363 |
| 394 | 11/06/2017 | 12 | 1.174 | 8.914 | 10.779 | 1.210 | 2.536 | 1.540 |
| 395 | 07/05/2017 | 19 | 1.173 | 8.565 | 13.838 | 1.246 | 1.838 | 1.463 |
| 396 | 21/06/2017 | 6 | 1.173 | 9.714 | 12.642 | 1.223 | 1.840 | 1.477 |
| 397 | 20/07/2017 | 14 | 1.172 | 6.838 | 12.337 | 1.324 | 1.992 | 1.540 |
| 398 | 05/10/2017 | 4 | 1.172 | 6.398 | 7.758 | 1.275 | 1.834 | 1.481 |
| 399 | 06/06/2017 | 8 | 1.171 | 10.631 | 14.222 | 1.229 | 1.852 | 1.448 |
| 400 | 14/10/2017 | 15 | 1.171 | 7.581 | 14.841 | 1.363 | 2.035 | 1.542 |
| 401 | 01/08/2017 | 7 | 1.170 | 9.580 | 14.629 | 1.288 | 1.931 | 1.588 |
| 402 | 17/08/2017 | 0 | 1.170 | 8.847 | 12.047 | 1.238 | 1.843 | 1.467 |
| 403 | 25/04/2017 | 15 | 1.169 | 11.064 | 14.629 | 1.244 | 1.831 | 1.562 |
| 404 | 18/07/2017 | 5 | 1.169 | 10.177 | 16.787 | 1.277 | 1.897 | 1.477 |
| 405 | 18/05/2017 | 19 | 1.166 | 10.569 | 15.284 | 1.253 | 2.069 | 1.477 |
| 406 | 17/09/2017 | 4 | 1.166 | 8.525 | 10.894 | 1.200 | 2.091 | 1.422 |



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|-----|------------|----|-------|--------|--------|-------|-------|-------|
| 407 | 06/05/2017 | 0 | 1.165 | 11.543 | 15.284 | 1.246 | 1.652 | 1.496 |
| 408 | 17/08/2017 | 6 | 1.165 | 8.721 | 11.253 | 1.238 | 1.842 | 1.449 |
| 409 | 24/09/2017 | 2 | 1.164 | 8.270 | 11.506 | 1.232 | 1.665 | 1.406 |
| 410 | 24/09/2017 | 23 | 1.164 | 7.357 | 11.011 | 1.229 | 1.725 | 1.425 |
| 411 | 06/05/2017 | 12 | 1.163 | 9.155 | 14.841 | 1.301 | 1.802 | 1.553 |
| 412 | 30/06/2017 | 12 | 1.163 | 6.355 | 15.515 | 1.358 | 1.946 | 1.525 |
| 413 | 20/07/2017 | 11 | 1.163 | 8.043 | 12.488 | 1.237 | 1.625 | 1.395 |
| 414 | 11/05/2017 | 14 | 1.162 | 7.701 | 13.299 | 1.312 | 2.244 | 1.556 |
| 415 | 23/05/2017 | 7 | 1.160 | 9.824 | 13.838 | 1.220 | 2.073 | 1.595 |
| 416 | 28/06/2017 | 15 | 1.160 | 10.201 | 15.059 | 1.292 | 2.273 | 1.625 |
| 417 | 17/10/2017 | 0 | 1.159 | 9.780 | 12.190 | 1.196 | 1.870 | 1.459 |
| 418 | 24/09/2017 | 17 | 1.155 | 7.415 | 11.253 | 1.238 | 1.909 | 1.443 |
| 419 | 06/05/2017 | 18 | 1.153 | 9.748 | 15.515 | 1.345 | 2.064 | 1.507 |
| 420 | 17/07/2017 | 2 | 1.153 | 9.390 | 14.222 | 1.243 | 1.845 | 1.447 |
| 421 | 09/08/2017 | 15 | 1.153 | 12.300 | 16.000 | 1.233 | 1.755 | 1.498 |
| 422 | 10/08/2017 | 18 | 1.153 | 7.390 | 14.629 | 1.365 | 2.117 | 1.506 |
| 423 | 14/10/2017 | 3 | 1.153 | 9.760 | 15.284 | 1.271 | 2.128 | 1.493 |
| 424 | 15/10/2017 | 3 | 1.153 | 9.522 | 13.653 | 1.174 | 1.795 | 1.431 |
| 425 | 11/06/2017 | 9 | 1.151 | 8.878 | 10.667 | 1.211 | 1.806 | 1.406 |
| 426 | 29/06/2017 | 15 | 1.151 | 8.330 | 14.841 | 1.255 | 1.756 | 1.505 |
| 427 | 09/09/2017 | 14 | 1.151 | 9.751 | 16.787 | 1.220 | 1.866 | 1.470 |
| 428 | 14/10/2017 | 21 | 1.151 | 8.411 | 14.027 | 1.250 | 2.088 | 1.411 |
| 429 | 03/06/2017 | 13 | 1.150 | 11.296 | 16.787 | 1.211 | 1.803 | 1.435 |
| 430 | 17/07/2017 | 5 | 1.150 | 8.970 | 13.838 | 1.221 | 1.558 | 1.346 |
| 431 | 10/09/2017 | 17 | 1.150 | 8.148 | 15.059 | 1.281 | 2.122 | 1.488 |
| 432 | 10/09/2017 | 8 | 1.149 | 10.557 | 16.787 | 1.239 | 1.938 | 1.543 |
| 433 | 12/10/2017 | 11 | 1.149 | 9.093 | 12.962 | 1.218 | 1.844 | 1.373 |
| 434 | 20/10/2017 | 10 | 1.148 | 11.210 | 20.480 | 1.327 | 2.184 | 1.558 |
| 435 | 13/08/2017 | 1 | 1.147 | 9.021 | 16.516 | 1.234 | 1.657 | 1.403 |
| 436 | 23/09/2017 | 23 | 1.147 | 6.730 | 12.488 | 1.263 | 1.965 | 1.402 |
| 437 | 25/04/2017 | 5 | 1.144 | 12.008 | 14.841 | 1.205 | 1.771 | 1.460 |
| 438 | 17/07/2017 | 14 | 1.144 | 6.835 | 13.474 | 1.249 | 1.792 | 1.411 |
| 439 | 11/06/2017 | 15 | 1.143 | 8.720 | 10.240 | 1.186 | 1.600 | 1.375 |
| 440 | 17/09/2017 | 7 | 1.143 | 8.264 | 11.130 | 1.248 | 1.926 | 1.441 |
| 441 | 06/06/2017 | 14 | 1.141 | 10.423 | 15.754 | 1.227 | 1.763 | 1.439 |
| 442 | 08/06/2017 | 4 | 1.141 | 9.132 | 14.629 | 1.246 | 1.896 | 1.494 |
| 443 | 07/06/2017 | 12 | 1.138 | 7.625 | 15.515 | 1.360 | 2.101 | 1.556 |



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|-----|------------|----|-------|--------|--------|-------|-------|-------|
| 444 | 07/10/2017 | 1 | 1.138 | 9.637 | 15.754 | 1.242 | 1.674 | 1.381 |
| 445 | 11/08/2017 | 12 | 1.137 | 8.764 | 14.027 | 1.229 | 1.769 | 1.447 |
| 446 | 16/09/2017 | 16 | 1.137 | 7.425 | 11.506 | 1.320 | 2.240 | 1.533 |
| 447 | 26/08/2017 | 9 | 1.135 | 11.064 | 16.254 | 1.287 | 1.824 | 1.547 |
| 448 | 16/09/2017 | 22 | 1.134 | 8.663 | 10.779 | 1.183 | 1.740 | 1.355 |
| 449 | 19/05/2017 | 13 | 1.132 | 8.680 | 15.059 | 1.300 | 1.844 | 1.457 |
| 450 | 25/09/2017 | 8 | 1.132 | 8.371 | 10.667 | 1.196 | 2.004 | 1.362 |
| 451 | 22/05/2017 | 22 | 1.131 | 9.561 | 13.128 | 1.213 | 1.871 | 1.415 |
| 452 | 09/06/2017 | 22 | 1.131 | 7.264 | 13.838 | 1.248 | 1.710 | 1.392 |
| 453 | 11/06/2017 | 6 | 1.131 | 8.848 | 10.894 | 1.175 | 1.593 | 1.354 |
| 454 | 11/08/2017 | 21 | 1.131 | 8.559 | 13.299 | 1.294 | 1.806 | 1.444 |
| 455 | 08/06/2017 | 22 | 1.130 | 9.109 | 14.222 | 1.180 | 1.850 | 1.373 |
| 456 | 13/07/2017 | 14 | 1.130 | 10.398 | 15.059 | 1.254 | 2.139 | 1.478 |
| 457 | 11/08/2017 | 6 | 1.130 | 10.210 | 13.838 | 1.154 | 1.610 | 1.313 |
| 458 | 07/05/2017 | 0 | 1.129 | 11.071 | 14.629 | 1.191 | 1.755 | 1.381 |
| 459 | 03/06/2017 | 10 | 1.128 | 11.467 | 16.516 | 1.162 | 1.554 | 1.322 |
| 460 | 10/05/2017 | 17 | 1.127 | 9.153 | 14.222 | 1.284 | 2.651 | 1.589 |
| 461 | 11/05/2017 | 17 | 1.126 | 7.618 | 14.027 | 1.332 | 2.216 | 1.564 |
| 462 | 31/05/2017 | 21 | 1.126 | 8.673 | 12.962 | 1.183 | 1.625 | 1.360 |
| 463 | 07/06/2017 | 5 | 1.126 | 9.012 | 15.284 | 1.260 | 1.968 | 1.517 |
| 464 | 15/07/2017 | 8 | 1.123 | 10.041 | 14.222 | 1.173 | 1.697 | 1.385 |
| 465 | 18/08/2017 | 3 | 1.123 | 9.922 | 15.515 | 1.208 | 1.914 | 1.414 |
| 466 | 12/07/2017 | 2 | 1.122 | 11.937 | 15.515 | 1.177 | 1.675 | 1.328 |
| 467 | 11/10/2017 | 14 | 1.122 | 8.995 | 13.128 | 1.215 | 1.899 | 1.436 |
| 468 | 10/05/2017 | 8 | 1.121 | 9.802 | 15.284 | 1.222 | 1.785 | 1.383 |
| 469 | 13/08/2017 | 4 | 1.120 | 9.698 | 17.356 | 1.242 | 1.657 | 1.383 |
| 470 | 12/07/2017 | 5 | 1.118 | 11.099 | 15.754 | 1.131 | 1.825 | 1.424 |
| 471 | 06/05/2017 | 21 | 1.117 | 11.530 | 14.629 | 1.189 | 1.875 | 1.433 |
| 472 | 16/08/2017 | 21 | 1.117 | 9.020 | 11.907 | 1.179 | 1.774 | 1.352 |
| 473 | 03/08/2017 | 16 | 1.116 | 8.371 | 13.474 | 1.314 | 1.979 | 1.551 |
| 474 | 11/05/2017 | 8 | 1.115 | 9.766 | 13.128 | 1.133 | 1.667 | 1.340 |
| 475 | 19/05/2017 | 10 | 1.115 | 10.610 | 15.284 | 1.198 | 2.237 | 1.454 |
| 476 | 17/08/2017 | 15 | 1.115 | 7.198 | 16.787 | 1.297 | 1.790 | 1.437 |
| 477 | 20/07/2017 | 23 | 1.111 | 9.681 | 12.337 | 1.151 | 1.695 | 1.425 |
| 478 | 30/05/2017 | 23 | 1.110 | 9.547 | 14.027 | 1.214 | 1.936 | 1.416 |
| 479 | 27/08/2017 | 19 | 1.110 | 10.968 | 14.027 | 1.144 | 1.856 | 1.401 |
| 480 | 23/05/2017 | 16 | 1.109 | 7.479 | 13.299 | 1.250 | 2.383 | 1.398 |



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|-----|------------|----|-------|--------|--------|-------|-------|-------|
| 481 | 09/08/2017 | 18 | 1.109 | 9.630 | 16.000 | 1.251 | 2.214 | 1.605 |
| 482 | 24/04/2017 | 23 | 1.108 | 13.080 | 16.000 | 1.171 | 1.680 | 1.468 |
| 483 | 16/09/2017 | 10 | 1.108 | 8.541 | 10.779 | 1.167 | 1.813 | 1.402 |
| 484 | 17/09/2017 | 16 | 1.108 | 7.060 | 11.378 | 1.209 | 2.171 | 1.466 |
| 485 | 11/10/2017 | 23 | 1.108 | 9.438 | 13.128 | 1.199 | 1.609 | 1.332 |
| 486 | 11/08/2017 | 18 | 1.107 | 6.993 | 13.474 | 1.293 | 1.762 | 1.395 |
| 487 | 15/09/2017 | 22 | 1.107 | 8.139 | 11.378 | 1.172 | 1.782 | 1.405 |
| 488 | 16/10/2017 | 9 | 1.107 | 10.043 | 12.488 | 1.142 | 1.692 | 1.362 |
| 489 | 17/05/2017 | 13 | 1.106 | 5.485 | 18.618 | 1.269 | 2.210 | 1.408 |
| 490 | 05/10/2017 | 1 | 1.106 | 5.690 | 7.699 | 1.235 | 2.145 | 1.396 |
| 491 | 07/05/2017 | 9 | 1.105 | 9.836 | 13.838 | 1.182 | 1.720 | 1.445 |
| 492 | 08/06/2017 | 10 | 1.105 | 10.650 | 14.841 | 1.179 | 1.832 | 1.448 |
| 493 | 30/08/2017 | 7 | 1.103 | 9.253 | 13.299 | 1.186 | 1.825 | 1.359 |
| 494 | 12/07/2017 | 20 | 1.102 | 10.842 | 15.284 | 1.144 | 1.551 | 1.314 |
| 495 | 11/08/2017 | 0 | 1.102 | 10.282 | 14.423 | 1.154 | 1.509 | 1.354 |
| 496 | 14/10/2017 | 0 | 1.102 | 9.792 | 16.000 | 1.151 | 1.578 | 1.357 |
| 497 | 16/07/2017 | 11 | 1.101 | 10.388 | 15.284 | 1.159 | 1.712 | 1.407 |
| 498 | 17/09/2017 | 19 | 1.101 | 7.024 | 10.667 | 1.184 | 2.095 | 1.485 |
| 499 | 29/06/2017 | 21 | 1.100 | 8.587 | 14.423 | 1.218 | 1.803 | 1.399 |
| 500 | 20/06/2017 | 21 | 1.099 | 10.372 | 13.474 | 1.224 | 2.007 | 1.418 |
| 501 | 12/10/2017 | 5 | 1.099 | 9.564 | 12.800 | 1.177 | 1.617 | 1.320 |
| 502 | 23/06/2017 | 15 | 1.098 | 9.259 | 14.027 | 1.198 | 1.912 | 1.375 |
| 503 | 11/09/2017 | 2 | 1.097 | 11.578 | 16.254 | 1.235 | 2.153 | 1.438 |
| 504 | 01/05/2017 | 18 | 1.095 | 8.562 | 15.515 | 1.238 | 1.942 | 1.428 |
| 505 | 30/05/2017 | 0 | 1.095 | 9.643 | 15.754 | 1.176 | 1.685 | 1.305 |
| 506 | 30/06/2017 | 9 | 1.095 | 9.840 | 13.838 | 1.146 | 2.048 | 1.486 |
| 507 | 15/10/2017 | 15 | 1.095 | 7.067 | 12.488 | 1.189 | 1.800 | 1.409 |
| 508 | 11/08/2017 | 15 | 1.094 | 7.935 | 13.653 | 1.232 | 1.860 | 1.487 |
| 509 | 17/10/2017 | 18 | 1.094 | 8.404 | 16.000 | 1.224 | 1.845 | 1.503 |
| 510 | 23/05/2017 | 13 | 1.092 | 9.509 | 13.653 | 1.202 | 1.903 | 1.419 |
| 511 | 21/07/2017 | 14 | 1.092 | 7.052 | 12.800 | 1.233 | 1.935 | 1.416 |
| 512 | 01/06/2017 | 0 | 1.091 | 8.278 | 12.800 | 1.148 | 1.871 | 1.379 |
| 513 | 29/05/2017 | 21 | 1.090 | 8.877 | 11.011 | 1.137 | 1.617 | 1.322 |
| 514 | 01/05/2017 | 21 | 1.086 | 8.551 | 14.629 | 1.230 | 1.812 | 1.414 |
| 515 | 24/05/2017 | 7 | 1.086 | 9.234 | 11.636 | 1.089 | 1.572 | 1.336 |
| 516 | 30/06/2017 | 0 | 1.086 | 8.816 | 15.515 | 1.230 | 2.204 | 1.347 |
| 517 | 10/09/2017 | 14 | 1.086 | 10.344 | 15.284 | 1.146 | 1.532 | 1.309 |



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|-----|------------|----|-------|--------|--------|-------|-------|-------|
| 518 | 17/09/2017 | 13 | 1.086 | 8.143 | 11.506 | 1.171 | 1.778 | 1.346 |
| 519 | 26/05/2017 | 7 | 1.085 | 9.655 | 15.284 | 1.175 | 1.584 | 1.340 |
| 520 | 03/08/2017 | 4 | 1.085 | 9.283 | 13.653 | 1.173 | 1.899 | 1.487 |
| 521 | 02/07/2017 | 4 | 1.084 | 9.587 | 12.800 | 1.141 | 1.860 | 1.377 |
| 522 | 14/07/2017 | 2 | 1.084 | 10.379 | 15.059 | 1.190 | 1.747 | 1.383 |
| 523 | 17/08/2017 | 12 | 1.084 | 8.238 | 12.047 | 1.187 | 2.042 | 1.327 |
| 524 | 25/04/2017 | 21 | 1.083 | 11.458 | 14.423 | 1.143 | 1.877 | 1.440 |
| 525 | 30/08/2017 | 13 | 1.083 | 8.407 | 13.128 | 1.149 | 1.655 | 1.332 |
| 526 | 12/10/2017 | 20 | 1.083 | 8.864 | 12.962 | 1.132 | 1.886 | 1.406 |
| 527 | 18/05/2017 | 7 | 1.082 | 11.126 | 16.787 | 1.159 | 1.734 | 1.387 |
| 528 | 14/07/2017 | 8 | 1.081 | 9.649 | 14.027 | 1.154 | 1.613 | 1.393 |
| 529 | 11/05/2017 | 5 | 1.080 | 9.781 | 13.838 | 1.158 | 1.733 | 1.365 |
| 530 | 17/07/2017 | 17 | 1.079 | 7.143 | 12.962 | 1.173 | 1.732 | 1.355 |
| 531 | 12/05/2017 | 0 | 1.078 | 9.297 | 13.653 | 1.146 | 1.455 | 1.289 |
| 532 | 12/08/2017 | 22 | 1.078 | 8.304 | 17.655 | 1.205 | 1.676 | 1.331 |
| 533 | 03/06/2017 | 16 | 1.077 | 11.054 | 15.754 | 1.229 | 1.684 | 1.440 |
| 534 | 06/06/2017 | 20 | 1.077 | 8.848 | 16.000 | 1.289 | 2.080 | 1.494 |
| 535 | 26/08/2017 | 3 | 1.077 | 11.500 | 16.787 | 1.148 | 1.752 | 1.374 |
| 536 | 09/09/2017 | 11 | 1.077 | 8.407 | 17.356 | 1.192 | 1.646 | 1.357 |
| 537 | 07/10/2017 | 4 | 1.077 | 9.828 | 16.000 | 1.291 | 2.086 | 1.499 |
| 538 | 24/05/2017 | 4 | 1.076 | 9.530 | 12.800 | 1.120 | 1.609 | 1.340 |
| 539 | 18/10/2017 | 15 | 1.076 | 8.129 | 15.515 | 1.206 | 2.129 | 1.405 |
| 540 | 20/05/2017 | 1 | 1.075 | 9.718 | 14.841 | 1.155 | 1.666 | 1.360 |
| 541 | 29/05/2017 | 9 | 1.075 | 9.150 | 11.506 | 1.144 | 1.828 | 1.374 |
| 542 | 22/06/2017 | 15 | 1.075 | 8.485 | 15.515 | 1.157 | 1.823 | 1.388 |
| 543 | 14/09/2017 | 21 | 1.075 | 9.264 | 12.488 | 1.120 | 1.659 | 1.336 |
| 544 | 22/09/2017 | 8 | 1.073 | 7.400 | 7.014 | 1.157 | 1.488 | 1.277 |
| 545 | 07/09/2017 | 17 | 1.072 | 6.762 | 10.894 | 1.149 | 1.624 | 1.330 |
| 546 | 08/09/2017 | 20 | 1.072 | 7.517 | 9.846 | 1.162 | 1.700 | 1.333 |
| 547 | 15/10/2017 | 6 | 1.072 | 8.532 | 12.488 | 1.167 | 1.852 | 1.349 |
| 548 | 09/09/2017 | 23 | 1.071 | 9.101 | 16.516 | 1.190 | 1.936 | 1.362 |
| 549 | 22/09/2017 | 17 | 1.071 | 7.007 | 7.111 | 1.197 | 2.265 | 1.371 |
| 550 | 16/10/2017 | 0 | 1.070 | 9.197 | 11.907 | 1.137 | 1.622 | 1.294 |
| 551 | 08/08/2017 | 18 | 1.069 | 9.291 | 18.963 | 1.369 | 2.440 | 1.563 |
| 552 | 24/09/2017 | 20 | 1.069 | 6.916 | 11.378 | 1.139 | 2.022 | 1.368 |
| 553 | 31/05/2017 | 12 | 1.068 | 8.759 | 12.962 | 1.162 | 1.909 | 1.314 |
| 554 | 12/10/2017 | 14 | 1.068 | 8.389 | 12.488 | 1.166 | 2.000 | 1.318 |



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|-----|------------|----|-------|--------|--------|-------|-------|-------|
| 555 | 17/06/2017 | 23 | 1.067 | 8.374 | 14.841 | 1.235 | 2.007 | 1.412 |
| 556 | 07/09/2017 | 20 | 1.067 | 7.295 | 10.667 | 1.170 | 1.807 | 1.347 |
| 557 | 12/10/2017 | 8 | 1.067 | 8.760 | 12.642 | 1.134 | 1.619 | 1.319 |
| 558 | 20/08/2017 | 21 | 1.065 | 8.788 | 14.027 | 1.135 | 1.555 | 1.319 |
| 559 | 10/06/2017 | 18 | 1.063 | 8.233 | 12.800 | 1.087 | 1.573 | 1.284 |
| 560 | 13/07/2017 | 8 | 1.063 | 10.687 | 14.629 | 1.096 | 1.609 | 1.294 |
| 561 | 19/08/2017 | 18 | 1.062 | 7.580 | 15.754 | 1.159 | 1.771 | 1.353 |
| 562 | 25/09/2017 | 11 | 1.062 | 7.692 | 10.894 | 1.113 | 1.843 | 1.283 |
| 563 | 26/03/2017 | 18 | 1.061 | 8.435 | 13.838 | 1.254 | 1.888 | 1.425 |
| 564 | 25/04/2017 | 18 | 1.061 | 11.030 | 14.423 | 1.077 | 1.552 | 1.307 |
| 565 | 30/05/2017 | 6 | 1.061 | 10.394 | 15.754 | 1.142 | 1.843 | 1.371 |
| 566 | 03/05/2017 | 15 | 1.060 | 7.796 | 15.284 | 1.270 | 2.088 | 1.527 |
| 567 | 18/05/2017 | 16 | 1.059 | 9.155 | 16.000 | 1.236 | 1.825 | 1.433 |
| 568 | 13/07/2017 | 20 | 1.059 | 9.702 | 15.059 | 1.165 | 1.866 | 1.420 |
| 569 | 10/05/2017 | 14 | 1.058 | 7.861 | 14.629 | 1.184 | 1.685 | 1.395 |
| 570 | 17/09/2017 | 22 | 1.058 | 7.679 | 11.130 | 1.102 | 1.645 | 1.337 |
| 571 | 16/07/2017 | 8 | 1.057 | 10.633 | 15.754 | 1.166 | 2.029 | 1.410 |
| 572 | 27/03/2017 | 7 | 1.056 | 10.983 | 13.474 | 1.059 | 1.420 | 1.241 |
| 573 | 04/05/2017 | 3 | 1.056 | 10.841 | 14.841 | 1.167 | 1.867 | 1.479 |
| 574 | 12/05/2017 | 21 | 1.056 | 8.400 | 12.800 | 1.115 | 1.818 | 1.336 |
| 575 | 24/08/2017 | 3 | 1.056 | 5.957 | 6.282 | 1.168 | 1.671 | 1.318 |
| 576 | 18/09/2017 | 13 | 1.056 | 6.528 | 10.894 | 1.199 | 2.265 | 1.425 |
| 577 | 29/06/2017 | 18 | 1.055 | 8.509 | 14.629 | 1.160 | 1.756 | 1.296 |
| 578 | 28/05/2017 | 20 | 1.054 | 8.190 | 12.337 | 1.149 | 1.695 | 1.381 |
| 579 | 20/08/2017 | 15 | 1.054 | 6.948 | 15.059 | 1.188 | 1.622 | 1.251 |
| 580 | 07/04/2017 | 2 | 1.053 | 10.754 | 15.059 | 1.117 | 1.982 | 1.345 |
| 581 | 22/07/2017 | 5 | 1.052 | 8.638 | 12.800 | 1.103 | 1.729 | 1.341 |
| 582 | 16/10/2017 | 15 | 1.052 | 7.756 | 11.378 | 1.137 | 1.922 | 1.357 |
| 583 | 30/05/2017 | 18 | 1.051 | 10.355 | 14.841 | 1.143 | 1.767 | 1.354 |
| 584 | 21/06/2017 | 9 | 1.050 | 9.808 | 13.299 | 1.144 | 1.870 | 1.400 |
| 585 | 23/09/2017 | 11 | 1.050 | 6.868 | 13.653 | 1.216 | 2.295 | 1.383 |
| 586 | 12/05/2017 | 18 | 1.049 | 8.733 | 13.128 | 1.149 | 1.824 | 1.298 |
| 587 | 03/06/2017 | 4 | 1.047 | 11.184 | 16.787 | 1.125 | 1.749 | 1.284 |
| 588 | 23/09/2017 | 5 | 1.047 | 7.680 | 8.393 | 1.151 | 1.734 | 1.326 |
| 589 | 18/09/2017 | 7 | 1.046 | 7.925 | 10.894 | 1.149 | 1.791 | 1.322 |
| 590 | 13/07/2017 | 5 | 1.045 | 10.380 | 14.222 | 1.161 | 1.672 | 1.397 |
| 591 | 20/09/2017 | 19 | 1.045 | 7.078 | 7.111 | 1.150 | 1.893 | 1.338 |



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|-----|------------|----|-------|--------|--------|-------|-------|-------|
| 592 | 21/09/2017 | 20 | 1.045 | 6.377 | 7.062 | 1.152 | 1.780 | 1.309 |
| 593 | 06/06/2017 | 17 | 1.044 | 8.461 | 16.787 | 1.268 | 1.869 | 1.410 |
| 594 | 09/08/2017 | 0 | 1.044 | 10.497 | 17.965 | 1.132 | 1.396 | 1.235 |
| 595 | 21/08/2017 | 3 | 1.043 | 9.422 | 13.128 | 1.122 | 1.783 | 1.254 |
| 596 | 12/10/2017 | 23 | 1.043 | 9.046 | 12.642 | 1.078 | 2.155 | 1.378 |
| 597 | 09/06/2017 | 1 | 1.042 | 8.967 | 13.838 | 1.102 | 1.593 | 1.272 |
| 598 | 03/08/2017 | 7 | 1.041 | 9.895 | 13.653 | 1.076 | 1.585 | 1.257 |
| 599 | 24/04/2017 | 17 | 1.040 | 9.752 | 15.515 | 1.213 | 1.981 | 1.459 |
| 600 | 27/05/2017 | 22 | 1.040 | 9.565 | 13.474 | 1.141 | 1.538 | 1.320 |
| 601 | 17/07/2017 | 11 | 1.040 | 7.324 | 14.027 | 1.102 | 1.850 | 1.329 |
| 602 | 31/08/2017 | 16 | 1.040 | 7.461 | 12.800 | 1.305 | 2.044 | 1.409 |
| 603 | 25/09/2017 | 5 | 1.040 | 8.446 | 10.894 | 1.076 | 1.957 | 1.378 |
| 604 | 16/10/2017 | 6 | 1.040 | 9.288 | 13.128 | 1.075 | 1.516 | 1.265 |
| 605 | 30/03/2017 | 16 | 1.039 | 6.572 | 16.787 | 1.260 | 1.786 | 1.383 |
| 606 | 08/06/2017 | 13 | 1.039 | 10.542 | 14.423 | 1.109 | 2.043 | 1.374 |
| 607 | 08/08/2017 | 21 | 1.038 | 9.524 | 17.965 | 1.232 | 1.871 | 1.371 |
| 608 | 09/09/2017 | 5 | 1.038 | 8.639 | 17.356 | 1.126 | 1.679 | 1.295 |
| 609 | 10/09/2017 | 5 | 1.037 | 9.715 | 15.754 | 1.155 | 1.570 | 1.342 |
| 610 | 14/10/2017 | 6 | 1.037 | 10.124 | 14.629 | 1.085 | 1.524 | 1.292 |
| 611 | 10/08/2017 | 0 | 1.036 | 10.311 | 14.841 | 1.075 | 1.449 | 1.310 |
| 612 | 12/07/2017 | 14 | 1.035 | 9.312 | 14.423 | 1.105 | 1.962 | 1.283 |
| 613 | 26/05/2017 | 16 | 1.033 | 9.748 | 15.754 | 1.148 | 1.935 | 1.336 |
| 614 | 17/09/2017 | 1 | 1.031 | 8.314 | 11.770 | 1.103 | 1.563 | 1.254 |
| 615 | 16/04/2017 | 23 | 1.030 | 13.116 | 17.655 | 1.049 | 1.545 | 1.248 |
| 616 | 12/06/2017 | 6 | 1.030 | 8.685 | 10.894 | 1.088 | 1.813 | 1.313 |
| 617 | 21/06/2017 | 3 | 1.030 | 9.569 | 12.337 | 1.127 | 2.011 | 1.328 |
| 618 | 11/06/2017 | 0 | 1.029 | 8.627 | 11.378 | 1.107 | 1.684 | 1.308 |
| 619 | 10/06/2017 | 2 | 1.028 | 7.276 | 7.877 | 1.125 | 1.679 | 1.276 |
| 620 | 30/06/2017 | 3 | 1.028 | 10.341 | 15.515 | 1.081 | 1.557 | 1.280 |
| 621 | 26/04/2017 | 0 | 1.027 | 11.899 | 14.629 | 1.034 | 1.365 | 1.249 |
| 622 | 18/05/2017 | 4 | 1.027 | 10.610 | 16.787 | 1.114 | 1.652 | 1.292 |
| 623 | 13/05/2017 | 6 | 1.026 | 9.128 | 12.337 | 1.127 | 1.814 | 1.343 |
| 624 | 31/05/2017 | 8 | 1.025 | 8.876 | 14.027 | 1.070 | 1.654 | 1.322 |
| 625 | 22/06/2017 | 3 | 1.025 | 8.485 | 12.337 | 1.114 | 1.760 | 1.322 |
| 626 | 15/07/2017 | 14 | 1.025 | 7.470 | 14.027 | 1.320 | 2.081 | 1.454 |
| 627 | 15/10/2017 | 21 | 1.024 | 8.199 | 13.299 | 1.141 | 1.874 | 1.382 |
| 628 | 15/07/2017 | 2 | 1.023 | 8.989 | 14.027 | 1.130 | 1.983 | 1.375 |



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|-----|------------|----|-------|--------|--------|-------|-------|-------|
| 629 | 05/05/2017 | 18 | 1.022 | 11.382 | 15.515 | 1.110 | 1.764 | 1.380 |
| 630 | 13/05/2017 | 0 | 1.020 | 8.659 | 12.642 | 1.106 | 1.951 | 1.368 |
| 631 | 08/09/2017 | 17 | 1.020 | 6.850 | 10.343 | 1.183 | 1.823 | 1.310 |
| 632 | 23/06/2017 | 3 | 1.019 | 9.427 | 13.128 | 1.099 | 1.640 | 1.310 |
| 633 | 13/10/2017 | 8 | 1.019 | 10.588 | 16.000 | 1.050 | 1.475 | 1.206 |
| 634 | 28/05/2017 | 7 | 1.018 | 10.099 | 12.642 | 1.090 | 1.589 | 1.247 |
| 635 | 12/05/2017 | 15 | 1.016 | 7.351 | 13.299 | 1.181 | 1.816 | 1.327 |
| 636 | 27/05/2017 | 1 | 1.015 | 10.289 | 14.222 | 1.069 | 1.370 | 1.154 |
| 637 | 03/06/2017 | 22 | 1.015 | 11.081 | 15.059 | 1.108 | 1.712 | 1.355 |
| 638 | 23/09/2017 | 17 | 1.015 | 7.488 | 13.299 | 1.085 | 1.609 | 1.236 |
| 639 | 24/05/2017 | 10 | 1.014 | 9.747 | 10.667 | 1.037 | 1.765 | 1.312 |
| 640 | 05/06/2017 | 1 | 1.013 | 8.367 | 14.423 | 1.084 | 1.589 | 1.243 |
| 641 | 30/08/2017 | 10 | 1.013 | 9.028 | 13.653 | 1.068 | 1.530 | 1.256 |
| 642 | 31/08/2017 | 4 | 1.012 | 8.946 | 13.299 | 1.070 | 1.784 | 1.306 |
| 643 | 04/06/2017 | 4 | 1.011 | 10.264 | 15.059 | 1.084 | 1.498 | 1.213 |
| 644 | 12/07/2017 | 8 | 1.011 | 11.200 | 15.284 | 1.067 | 1.662 | 1.319 |
| 645 | 08/10/2017 | 2 | 1.011 | 10.463 | 14.629 | 1.105 | 1.690 | 1.300 |
| 646 | 13/10/2017 | 15 | 1.011 | 8.230 | 12.800 | 1.106 | 1.670 | 1.312 |
| 647 | 28/07/2017 | 5 | 1.010 | 10.706 | 16.254 | 1.093 | 1.643 | 1.325 |
| 648 | 12/10/2017 | 17 | 1.009 | 8.178 | 12.488 | 1.122 | 1.923 | 1.290 |
| 649 | 05/08/2017 | 16 | 1.007 | 5.765 | 11.907 | 1.156 | 1.834 | 1.277 |
| 650 | 29/05/2017 | 12 | 1.006 | 9.604 | 11.378 | 1.057 | 1.674 | 1.298 |
| 651 | 24/04/2017 | 20 | 1.005 | 12.004 | 16.254 | 1.078 | 1.642 | 1.323 |
| 652 | 05/05/2017 | 15 | 1.005 | 10.637 | 14.841 | 1.083 | 1.645 | 1.264 |
| 653 | 12/08/2017 | 10 | 1.004 | 8.471 | 13.299 | 1.090 | 1.599 | 1.249 |
| 654 | 22/06/2017 | 12 | 1.003 | 6.941 | 12.047 | 1.122 | 1.626 | 1.251 |
| 655 | 21/07/2017 | 17 | 1.003 | 7.130 | 13.474 | 1.081 | 1.631 | 1.237 |
| 656 | 24/07/2017 | 6 | 1.003 | 7.076 | 7.367 | 1.045 | 1.570 | 1.263 |
| 657 | 22/07/2017 | 14 | 1.002 | 6.296 | 12.337 | 1.185 | 2.013 | 1.293 |
| 658 | 12/10/2017 | 2 | 1.002 | 9.264 | 12.800 | 1.077 | 1.577 | 1.271 |
| 659 | 25/03/2017 | 18 | 1.001 | 6.358 | 14.423 | 1.208 | 1.771 | 1.377 |
| 660 | 17/10/2017 | 15 | 1.000 | 8.757 | 15.515 | 1.102 | 1.577 | 1.263 |
| 661 | 05/06/2017 | 14 | 0.999 | 6.838 | 13.838 | 1.113 | 1.708 | 1.315 |
| 662 | 20/08/2017 | 12 | 0.999 | 6.337 | 6.919 | 1.076 | 1.963 | 1.290 |
| 663 | 23/09/2017 | 14 | 0.999 | 8.316 | 12.642 | 1.053 | 1.581 | 1.257 |
| 664 | 23/05/2017 | 19 | 0.998 | 8.930 | 11.907 | 1.089 | 1.946 | 1.314 |
| 665 | 17/10/2017 | 12 | 0.997 | 10.253 | 16.516 | 1.117 | 1.706 | 1.247 |



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|-----|------------|----|-------|--------|--------|-------|-------|-------|
| 666 | 23/09/2017 | 2 | 0.996 | 8.211 | 14.841 | 1.058 | 1.651 | 1.225 |
| 667 | 16/10/2017 | 21 | 0.996 | 9.883 | 12.488 | 1.037 | 1.418 | 1.238 |
| 668 | 10/06/2017 | 15 | 0.995 | 7.632 | 8.393 | 1.063 | 1.622 | 1.239 |
| 669 | 12/06/2017 | 3 | 0.995 | 8.553 | 11.011 | 1.030 | 1.545 | 1.232 |
| 670 | 18/07/2017 | 2 | 0.995 | 8.087 | 15.754 | 1.086 | 1.659 | 1.210 |
| 671 | 01/09/2017 | 14 | 0.995 | 7.203 | 13.299 | 1.092 | 1.602 | 1.288 |
| 672 | 13/10/2017 | 11 | 0.995 | 9.708 | 15.284 | 1.045 | 1.528 | 1.204 |
| 673 | 22/04/2017 | 3 | 0.994 | 11.658 | 16.254 | 1.038 | 1.507 | 1.293 |
| 674 | 03/06/2017 | 7 | 0.994 | 11.351 | 16.516 | 1.062 | 1.589 | 1.273 |
| 675 | 04/10/2017 | 19 | 0.994 | 7.371 | 13.838 | 1.043 | 1.649 | 1.272 |
| 676 | 17/06/2017 | 14 | 0.993 | 7.666 | 15.059 | 1.184 | 1.767 | 1.343 |
| 677 | 24/05/2017 | 16 | 0.992 | 7.949 | 12.642 | 1.101 | 1.925 | 1.255 |
| 678 | 30/06/2017 | 15 | 0.991 | 7.668 | 13.474 | 1.138 | 1.772 | 1.238 |
| 679 | 27/03/2017 | 10 | 0.990 | 11.157 | 13.838 | 1.026 | 1.637 | 1.305 |
| 680 | 31/05/2017 | 2 | 0.990 | 10.044 | 14.027 | 1.047 | 1.691 | 1.219 |
| 681 | 15/07/2017 | 23 | 0.989 | 9.082 | 14.222 | 1.108 | 1.660 | 1.290 |
| 682 | 17/07/2017 | 20 | 0.989 | 8.436 | 13.838 | 1.024 | 1.554 | 1.219 |
| 683 | 13/10/2017 | 5 | 0.989 | 10.452 | 13.299 | 1.032 | 1.587 | 1.220 |
| 684 | 13/05/2017 | 9 | 0.988 | 7.825 | 12.488 | 1.103 | 1.716 | 1.230 |
| 685 | 12/08/2017 | 19 | 0.988 | 7.305 | 14.027 | 1.162 | 1.892 | 1.295 |
| 686 | 02/06/2017 | 22 | 0.987 | 10.553 | 17.356 | 1.033 | 1.399 | 1.213 |
| 687 | 08/09/2017 | 8 | 0.987 | 8.009 | 9.846 | 1.058 | 1.631 | 1.250 |
| 688 | 27/05/2017 | 13 | 0.985 | 9.861 | 13.474 | 1.055 | 1.700 | 1.278 |
| 689 | 06/09/2017 | 17 | 0.985 | 5.958 | 17.067 | 1.132 | 1.630 | 1.233 |
| 690 | 13/10/2017 | 2 | 0.985 | 8.690 | 12.488 | 1.066 | 1.559 | 1.289 |
| 691 | 02/06/2017 | 12 | 0.984 | 8.787 | 18.618 | 1.140 | 1.900 | 1.394 |
| 692 | 03/06/2017 | 19 | 0.984 | 10.778 | 15.515 | 1.033 | 1.621 | 1.221 |
| 693 | 05/06/2017 | 8 | 0.984 | 8.460 | 14.027 | 1.112 | 1.995 | 1.270 |
| 694 | 31/08/2017 | 13 | 0.984 | 9.780 | 13.299 | 1.025 | 1.418 | 1.169 |
| 695 | 28/06/2017 | 9 | 0.982 | 11.653 | 17.655 | 1.055 | 1.536 | 1.243 |
| 696 | 25/04/2017 | 2 | 0.981 | 11.204 | 14.841 | 1.034 | 1.544 | 1.312 |
| 697 | 15/07/2017 | 11 | 0.980 | 9.707 | 14.222 | 1.077 | 1.989 | 1.335 |
| 698 | 28/05/2017 | 17 | 0.979 | 7.619 | 12.190 | 1.081 | 1.770 | 1.242 |
| 699 | 21/06/2017 | 21 | 0.977 | 7.854 | 12.190 | 1.052 | 1.583 | 1.221 |
| 700 | 12/08/2017 | 7 | 0.977 | 9.196 | 13.299 | 1.058 | 1.715 | 1.242 |
| 701 | 24/04/2017 | 11 | 0.976 | 12.744 | 16.000 | 1.066 | 2.042 | 1.332 |
| 702 | 07/05/2017 | 22 | 0.975 | 9.333 | 13.653 | 1.092 | 1.595 | 1.318 |



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|-----|------------|----|-------|--------|--------|-------|-------|-------|
| 703 | 11/06/2017 | 3 | 0.975 | 8.231 | 11.636 | 1.004 | 1.408 | 1.160 |
| 704 | 23/06/2017 | 18 | 0.975 | 8.462 | 12.800 | 1.045 | 1.632 | 1.191 |
| 705 | 30/06/2017 | 6 | 0.975 | 10.171 | 14.027 | 1.010 | 1.427 | 1.189 |
| 706 | 01/07/2017 | 19 | 0.975 | 9.350 | 12.962 | 1.011 | 1.511 | 1.211 |
| 707 | 21/08/2017 | 18 | 0.975 | 7.770 | 13.299 | 1.070 | 1.630 | 1.259 |
| 708 | 04/05/2017 | 6 | 0.974 | 11.703 | 15.284 | 1.015 | 1.524 | 1.222 |
| 709 | 31/05/2017 | 15 | 0.973 | 8.737 | 13.653 | 1.035 | 1.470 | 1.209 |
| 710 | 04/06/2017 | 22 | 0.972 | 7.431 | 14.423 | 1.150 | 1.617 | 1.250 |
| 711 | 24/08/2017 | 6 | 0.972 | 6.590 | 6.169 | 1.002 | 1.513 | 1.175 |
| 712 | 01/09/2017 | 5 | 0.972 | 8.761 | 14.027 | 1.031 | 1.491 | 1.242 |
| 713 | 04/05/2017 | 12 | 0.971 | 12.280 | 15.284 | 1.036 | 1.687 | 1.247 |
| 714 | 21/06/2017 | 0 | 0.971 | 9.443 | 12.190 | 1.072 | 1.684 | 1.311 |
| 715 | 20/08/2017 | 18 | 0.971 | 7.284 | 14.629 | 1.106 | 1.514 | 1.175 |
| 716 | 22/06/2017 | 0 | 0.970 | 8.566 | 12.488 | 1.028 | 2.029 | 1.258 |
| 717 | 31/08/2017 | 10 | 0.970 | 9.605 | 12.800 | 1.055 | 1.773 | 1.211 |
| 718 | 08/09/2017 | 11 | 0.970 | 8.096 | 9.752 | 1.041 | 1.590 | 1.266 |
| 719 | 30/06/2017 | 21 | 0.969 | 8.910 | 13.838 | 1.022 | 1.574 | 1.200 |
| 720 | 26/05/2017 | 4 | 0.967 | 7.568 | 15.059 | 1.016 | 1.351 | 1.162 |
| 721 | 23/06/2017 | 0 | 0.967 | 9.069 | 14.629 | 1.023 | 1.542 | 1.192 |
| 722 | 04/10/2017 | 22 | 0.967 | 6.117 | 6.919 | 1.070 | 1.553 | 1.220 |
| 723 | 02/06/2017 | 16 | 0.966 | 9.519 | 17.965 | 1.040 | 1.642 | 1.239 |
| 724 | 30/04/2017 | 6 | 0.965 | 10.889 | 17.067 | 1.014 | 1.533 | 1.160 |
| 725 | 17/07/2017 | 23 | 0.965 | 7.895 | 13.299 | 1.071 | 2.040 | 1.239 |
| 726 | 16/10/2017 | 18 | 0.965 | 9.298 | 11.636 | 1.027 | 1.477 | 1.188 |
| 727 | 01/05/2017 | 9 | 0.964 | 9.211 | 16.000 | 1.034 | 1.488 | 1.204 |
| 728 | 23/07/2017 | 20 | 0.964 | 6.107 | 7.529 | 1.073 | 1.560 | 1.208 |
| 729 | 16/09/2017 | 13 | 0.963 | 6.704 | 10.894 | 1.071 | 1.866 | 1.269 |
| 730 | 26/04/2017 | 6 | 0.962 | 11.217 | 14.841 | 1.005 | 1.939 | 1.254 |
| 731 | 05/05/2017 | 3 | 0.962 | 10.475 | 15.059 | 1.020 | 1.578 | 1.252 |
| 732 | 23/05/2017 | 22 | 0.962 | 9.655 | 13.299 | 0.985 | 1.445 | 1.206 |
| 733 | 06/06/2017 | 5 | 0.962 | 9.298 | 14.222 | 1.074 | 1.750 | 1.237 |
| 734 | 18/10/2017 | 3 | 0.962 | 8.696 | 16.000 | 1.078 | 1.644 | 1.218 |
| 735 | 30/05/2017 | 3 | 0.961 | 10.457 | 15.754 | 0.991 | 1.610 | 1.204 |
| 736 | 02/09/2017 | 5 | 0.961 | 8.952 | 13.299 | 0.998 | 1.498 | 1.199 |
| 737 | 18/09/2017 | 1 | 0.959 | 7.694 | 11.378 | 1.033 | 1.560 | 1.257 |
| 738 | 30/09/2017 | 15 | 0.959 | 6.095 | 13.299 | 1.130 | 1.767 | 1.265 |
| 739 | 11/10/2017 | 2 | 0.957 | 10.794 | 14.027 | 0.976 | 1.252 | 1.098 |



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|-----|------------|----|-------|--------|--------|-------|-------|-------|
| 740 | 25/05/2017 | 19 | 0.956 | 8.108 | 14.841 | 1.096 | 2.188 | 1.350 |
| 741 | 21/08/2017 | 15 | 0.956 | 7.188 | 13.474 | 1.054 | 1.454 | 1.207 |
| 742 | 04/06/2017 | 1 | 0.955 | 10.778 | 15.754 | 1.047 | 1.729 | 1.315 |
| 743 | 05/10/2017 | 10 | 0.955 | 8.385 | 19.321 | 1.112 | 1.694 | 1.203 |
| 744 | 10/06/2017 | 21 | 0.954 | 7.770 | 9.660 | 1.021 | 1.623 | 1.224 |
| 745 | 18/05/2017 | 1 | 0.953 | 9.140 | 17.356 | 1.055 | 1.550 | 1.239 |
| 746 | 04/06/2017 | 10 | 0.953 | 11.124 | 14.841 | 0.996 | 1.677 | 1.255 |
| 747 | 23/06/2017 | 6 | 0.953 | 8.592 | 13.474 | 1.036 | 1.709 | 1.201 |
| 748 | 17/07/2017 | 8 | 0.953 | 7.971 | 13.838 | 1.025 | 1.433 | 1.213 |
| 749 | 24/05/2017 | 1 | 0.952 | 9.090 | 12.800 | 1.012 | 1.950 | 1.201 |
| 750 | 02/04/2017 | 4 | 0.951 | 11.989 | 13.838 | 0.996 | 1.322 | 1.156 |
| 751 | 08/10/2017 | 8 | 0.951 | 10.484 | 15.059 | 1.002 | 1.615 | 1.288 |
| 752 | 27/05/2017 | 16 | 0.950 | 7.619 | 13.299 | 1.110 | 1.619 | 1.249 |
| 753 | 14/07/2017 | 5 | 0.950 | 9.148 | 15.059 | 1.049 | 1.619 | 1.190 |
| 754 | 04/06/2017 | 7 | 0.949 | 10.832 | 15.059 | 1.038 | 1.562 | 1.258 |
| 755 | 16/07/2017 | 5 | 0.949 | 9.993 | 15.754 | 1.017 | 1.716 | 1.212 |
| 756 | 16/07/2017 | 17 | 0.949 | 8.749 | 14.629 | 1.124 | 1.762 | 1.291 |
| 757 | 26/08/2017 | 6 | 0.949 | 10.062 | 17.067 | 1.096 | 1.661 | 1.162 |
| 758 | 22/09/2017 | 23 | 0.949 | 6.867 | 7.420 | 1.030 | 1.423 | 1.160 |
| 759 | 21/06/2017 | 12 | 0.948 | 9.166 | 13.838 | 1.021 | 1.403 | 1.166 |
| 760 | 01/07/2017 | 6 | 0.948 | 9.569 | 13.299 | 1.011 | 1.475 | 1.251 |
| 761 | 12/06/2017 | 18 | 0.947 | 6.514 | 10.449 | 1.082 | 1.636 | 1.286 |
| 762 | 06/07/2017 | 10 | 0.947 | 11.734 | 18.286 | 1.002 | 1.606 | 1.199 |
| 763 | 06/09/2017 | 20 | 0.947 | 5.915 | 6.966 | 1.055 | 1.823 | 1.183 |
| 764 | 01/05/2017 | 6 | 0.945 | 8.733 | 15.059 | 1.024 | 1.666 | 1.219 |
| 765 | 31/08/2017 | 1 | 0.945 | 8.672 | 13.299 | 0.971 | 1.327 | 1.134 |
| 766 | 02/09/2017 | 17 | 0.945 | 6.815 | 12.800 | 1.032 | 1.476 | 1.172 |
| 767 | 11/05/2017 | 11 | 0.944 | 8.602 | 13.128 | 1.053 | 1.648 | 1.213 |
| 768 | 04/06/2017 | 16 | 0.944 | 7.920 | 15.059 | 1.103 | 1.663 | 1.277 |
| 769 | 21/07/2017 | 8 | 0.944 | 8.594 | 13.128 | 1.026 | 1.736 | 1.201 |
| 770 | 07/09/2017 | 23 | 0.944 | 7.617 | 10.240 | 1.040 | 1.566 | 1.175 |
| 771 | 01/04/2017 | 22 | 0.943 | 10.504 | 13.838 | 0.997 | 1.884 | 1.180 |
| 772 | 02/04/2017 | 19 | 0.942 | 11.492 | 14.423 | 0.964 | 1.465 | 1.201 |
| 773 | 16/04/2017 | 11 | 0.941 | 12.458 | 17.965 | 1.052 | 1.727 | 1.244 |
| 774 | 08/09/2017 | 5 | 0.941 | 8.021 | 10.039 | 1.027 | 1.796 | 1.228 |
| 775 | 30/09/2017 | 18 | 0.941 | 6.495 | 13.838 | 1.053 | 1.646 | 1.147 |
| 776 | 15/10/2017 | 18 | 0.941 | 6.928 | 12.190 | 1.084 | 1.655 | 1.197 |



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|-----|------------|----|-------|--------|--------|-------|-------|-------|
| 777 | 31/03/2017 | 16 | 0.940 | 6.907 | 14.629 | 1.146 | 2.033 | 1.291 |
| 778 | 08/08/2017 | 15 | 0.940 | 11.482 | 18.963 | 1.018 | 1.647 | 1.245 |
| 779 | 17/10/2017 | 9 | 0.940 | 9.097 | 11.130 | 0.985 | 1.520 | 1.154 |
| 780 | 30/05/2017 | 15 | 0.939 | 9.967 | 15.284 | 0.986 | 1.431 | 1.140 |
| 781 | 18/09/2017 | 10 | 0.939 | 7.753 | 10.779 | 0.994 | 1.440 | 1.118 |
| 782 | 17/08/2017 | 9 | 0.938 | 9.152 | 11.130 | 1.014 | 1.781 | 1.213 |
| 783 | 09/09/2017 | 8 | 0.938 | 8.613 | 17.655 | 1.031 | 1.505 | 1.211 |
| 784 | 06/04/2017 | 17 | 0.936 | 6.364 | 15.059 | 1.104 | 2.035 | 1.283 |
| 785 | 17/06/2017 | 20 | 0.935 | 9.153 | 14.629 | 1.113 | 1.567 | 1.258 |
| 786 | 21/06/2017 | 18 | 0.935 | 7.515 | 12.800 | 1.041 | 1.717 | 1.225 |
| 787 | 21/06/2017 | 15 | 0.934 | 9.598 | 12.800 | 1.011 | 1.821 | 1.200 |
| 788 | 08/09/2017 | 23 | 0.934 | 7.436 | 9.752 | 1.015 | 1.532 | 1.204 |
| 789 | 21/04/2017 | 15 | 0.933 | 5.646 | 17.067 | 1.190 | 1.879 | 1.226 |
| 790 | 13/05/2017 | 12 | 0.933 | 8.082 | 12.047 | 1.067 | 1.512 | 1.230 |
| 791 | 22/07/2017 | 17 | 0.933 | 6.249 | 12.047 | 1.022 | 1.460 | 1.194 |
| 792 | 17/08/2017 | 21 | 0.933 | 9.854 | 15.754 | 1.024 | 1.654 | 1.245 |
| 793 | 24/04/2017 | 14 | 0.932 | 7.051 | 16.516 | 1.164 | 1.788 | 1.270 |
| 794 | 07/10/2017 | 23 | 0.932 | 10.411 | 14.841 | 0.995 | 1.368 | 1.163 |
| 795 | 18/10/2017 | 18 | 0.932 | 6.765 | 15.059 | 1.067 | 1.683 | 1.178 |
| 796 | 26/03/2017 | 21 | 0.931 | 8.985 | 14.027 | 1.011 | 1.570 | 1.216 |
| 797 | 24/05/2017 | 19 | 0.930 | 6.854 | 13.838 | 1.105 | 1.633 | 1.242 |
| 798 | 26/05/2017 | 10 | 0.930 | 8.820 | 15.059 | 1.043 | 1.392 | 1.166 |
| 799 | 23/06/2017 | 12 | 0.930 | 9.432 | 13.653 | 0.975 | 1.380 | 1.120 |
| 800 | 19/09/2017 | 7 | 0.930 | 8.476 | 10.449 | 0.975 | 1.507 | 1.164 |
| 801 | 01/07/2017 | 9 | 0.929 | 9.641 | 13.653 | 0.992 | 1.731 | 1.158 |
| 802 | 15/07/2017 | 20 | 0.929 | 7.890 | 14.027 | 1.054 | 1.594 | 1.140 |
| 803 | 18/09/2017 | 4 | 0.929 | 7.451 | 11.011 | 0.970 | 1.746 | 1.207 |
| 804 | 28/05/2017 | 4 | 0.928 | 9.662 | 13.299 | 0.981 | 1.515 | 1.131 |
| 805 | 31/05/2017 | 18 | 0.927 | 7.991 | 12.800 | 1.020 | 1.357 | 1.127 |
| 806 | 04/09/2017 | 17 | 0.927 | 5.307 | 16.254 | 1.069 | 1.999 | 1.130 |
| 807 | 05/06/2017 | 17 | 0.926 | 6.744 | 13.653 | 1.076 | 1.651 | 1.210 |
| 808 | 22/09/2017 | 5 | 0.926 | 7.514 | 6.827 | 1.028 | 1.504 | 1.141 |
| 809 | 23/07/2017 | 14 | 0.925 | 6.276 | 12.190 | 1.055 | 1.579 | 1.247 |
| 810 | 28/05/2017 | 14 | 0.923 | 9.282 | 12.047 | 0.971 | 1.402 | 1.149 |
| 811 | 24/05/2017 | 13 | 0.922 | 8.513 | 12.962 | 0.959 | 1.807 | 1.184 |
| 812 | 18/05/2017 | 10 | 0.921 | 9.851 | 16.516 | 1.065 | 1.635 | 1.229 |
| 813 | 25/08/2017 | 9 | 0.921 | 7.527 | 6.919 | 0.989 | 1.387 | 1.142 |



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|-----|------------|----|-------|--------|--------|-------|-------|-------|
| 814 | 02/09/2017 | 14 | 0.921 | 6.822 | 13.128 | 1.034 | 1.725 | 1.206 |
| 815 | 29/05/2017 | 18 | 0.920 | 7.981 | 11.253 | 1.001 | 1.495 | 1.159 |
| 816 | 01/07/2017 | 16 | 0.919 | 9.031 | 13.474 | 1.015 | 1.661 | 1.196 |
| 817 | 02/09/2017 | 8 | 0.918 | 9.188 | 12.190 | 0.994 | 1.594 | 1.159 |
| 818 | 20/04/2017 | 3 | 0.917 | 10.234 | 13.838 | 1.002 | 1.470 | 1.211 |
| 819 | 02/07/2017 | 19 | 0.917 | 8.631 | 13.299 | 1.017 | 1.708 | 1.203 |
| 820 | 09/08/2017 | 12 | 0.917 | 10.254 | 17.067 | 1.054 | 1.526 | 1.219 |
| 821 | 12/06/2017 | 15 | 0.916 | 6.291 | 9.942 | 1.042 | 1.676 | 1.252 |
| 822 | 02/07/2017 | 13 | 0.916 | 9.331 | 12.800 | 0.990 | 1.627 | 1.216 |
| 823 | 15/07/2017 | 17 | 0.916 | 7.462 | 14.841 | 1.065 | 1.495 | 1.178 |
| 824 | 16/04/2017 | 8 | 0.914 | 12.005 | 18.286 | 1.007 | 1.377 | 1.141 |
| 825 | 13/05/2017 | 3 | 0.914 | 8.507 | 13.128 | 1.000 | 1.361 | 1.133 |
| 826 | 27/05/2017 | 4 | 0.913 | 9.046 | 14.629 | 0.997 | 1.409 | 1.118 |
| 827 | 01/07/2017 | 0 | 0.913 | 8.978 | 13.474 | 1.007 | 1.301 | 1.142 |
| 828 | 18/08/2017 | 15 | 0.913 | 6.437 | 14.423 | 1.037 | 1.483 | 1.160 |
| 829 | 05/06/2017 | 11 | 0.911 | 7.865 | 14.027 | 1.033 | 1.527 | 1.170 |
| 830 | 17/08/2017 | 18 | 0.911 | 7.254 | 11.506 | 1.065 | 2.081 | 1.213 |
| 831 | 28/04/2017 | 15 | 0.910 | 6.582 | 12.488 | 1.085 | 1.882 | 1.245 |
| 832 | 30/04/2017 | 21 | 0.909 | 8.110 | 16.516 | 0.999 | 1.648 | 1.133 |
| 833 | 05/05/2017 | 9 | 0.909 | 11.411 | 15.059 | 0.939 | 1.408 | 1.194 |
| 834 | 17/05/2017 | 19 | 0.909 | 7.064 | 17.655 | 0.997 | 2.010 | 1.127 |
| 835 | 01/07/2017 | 22 | 0.909 | 9.290 | 12.962 | 0.984 | 1.524 | 1.149 |
| 836 | 10/10/2017 | 23 | 0.909 | 9.408 | 13.838 | 0.998 | 1.282 | 1.124 |
| 837 | 30/04/2017 | 18 | 0.908 | 7.609 | 16.000 | 1.121 | 1.615 | 1.242 |
| 838 | 16/10/2017 | 12 | 0.908 | 8.092 | 11.253 | 1.017 | 1.723 | 1.227 |
| 839 | 27/03/2017 | 1 | 0.907 | 10.704 | 13.653 | 0.949 | 1.733 | 1.203 |
| 840 | 08/05/2017 | 1 | 0.907 | 9.677 | 13.653 | 0.945 | 1.381 | 1.141 |
| 841 | 25/09/2017 | 2 | 0.907 | 8.804 | 11.130 | 0.940 | 1.442 | 1.126 |
| 842 | 17/10/2017 | 21 | 0.907 | 9.538 | 15.754 | 0.961 | 1.585 | 1.221 |
| 843 | 05/05/2017 | 6 | 0.905 | 11.433 | 15.515 | 0.973 | 1.360 | 1.120 |
| 844 | 10/10/2017 | 20 | 0.905 | 9.413 | 14.423 | 0.914 | 1.389 | 1.134 |
| 845 | 07/05/2017 | 12 | 0.904 | 7.975 | 14.222 | 1.077 | 1.423 | 1.223 |
| 846 | 01/09/2017 | 11 | 0.904 | 9.278 | 13.838 | 0.932 | 1.379 | 1.076 |
| 847 | 26/04/2017 | 3 | 0.903 | 11.108 | 14.629 | 0.940 | 1.387 | 1.152 |
| 848 | 25/09/2017 | 14 | 0.903 | 7.652 | 10.667 | 0.962 | 1.398 | 1.105 |
| 849 | 25/09/2017 | 20 | 0.903 | 7.373 | 11.011 | 0.945 | 1.453 | 1.100 |
| 850 | 30/08/2017 | 22 | 0.902 | 8.819 | 13.128 | 1.018 | 1.560 | 1.203 |



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|-----|------------|----|-------|--------|--------|-------|-------|-------|
| 851 | 01/09/2017 | 20 | 0.902 | 8.965 | 13.128 | 0.996 | 1.409 | 1.114 |
| 852 | 25/09/2017 | 23 | 0.902 | 7.169 | 10.240 | 0.959 | 1.489 | 1.112 |
| 853 | 28/05/2017 | 1 | 0.901 | 11.223 | 13.299 | 0.950 | 1.351 | 1.088 |
| 854 | 22/06/2017 | 6 | 0.901 | 7.729 | 13.838 | 1.023 | 1.560 | 1.212 |
| 855 | 03/07/2017 | 7 | 0.901 | 9.579 | 11.130 | 0.948 | 1.727 | 1.176 |
| 856 | 12/08/2017 | 13 | 0.901 | 8.836 | 13.653 | 1.030 | 1.632 | 1.208 |
| 857 | 07/09/2017 | 14 | 0.901 | 8.409 | 10.894 | 0.959 | 1.288 | 1.084 |
| 858 | 18/09/2017 | 19 | 0.901 | 6.874 | 10.779 | 0.993 | 1.484 | 1.148 |
| 859 | 22/09/2017 | 14 | 0.901 | 7.710 | 15.754 | 1.001 | 1.523 | 1.157 |
| 860 | 24/09/2017 | 14 | 0.901 | 8.258 | 11.378 | 0.988 | 1.638 | 1.156 |
| 861 | 02/05/2017 | 12 | 0.900 | 8.357 | 14.423 | 1.049 | 1.934 | 1.269 |
| 862 | 04/05/2017 | 18 | 0.900 | 10.568 | 15.284 | 0.987 | 1.280 | 1.132 |
| 863 | 24/07/2017 | 16 | 0.900 | 6.032 | 7.062 | 1.014 | 1.511 | 1.137 |
| 864 | 18/08/2017 | 0 | 0.900 | 8.060 | 10.894 | 0.961 | 1.845 | 1.125 |
| 865 | 23/06/2017 | 21 | 0.899 | 8.886 | 12.337 | 0.975 | 1.341 | 1.124 |
| 866 | 21/08/2017 | 6 | 0.899 | 9.042 | 13.299 | 0.925 | 1.301 | 1.088 |
| 867 | 07/04/2017 | 8 | 0.898 | 9.080 | 15.059 | 0.982 | 1.484 | 1.155 |
| 868 | 06/06/2017 | 2 | 0.898 | 9.217 | 15.284 | 0.961 | 1.621 | 1.182 |
| 869 | 02/07/2017 | 16 | 0.898 | 8.131 | 15.059 | 0.999 | 1.537 | 1.147 |
| 870 | 06/06/2017 | 11 | 0.897 | 8.581 | 16.000 | 1.014 | 1.661 | 1.278 |
| 871 | 01/10/2017 | 12 | 0.897 | 6.843 | 12.800 | 0.965 | 1.447 | 1.116 |
| 872 | 16/10/2017 | 3 | 0.897 | 9.045 | 12.047 | 0.926 | 1.363 | 1.123 |
| 873 | 07/04/2017 | 17 | 0.896 | 7.121 | 14.027 | 1.072 | 1.723 | 1.177 |
| 874 | 22/04/2017 | 12 | 0.895 | 10.610 | 16.000 | 0.977 | 1.337 | 1.130 |
| 875 | 02/07/2017 | 22 | 0.895 | 8.564 | 14.423 | 0.952 | 1.484 | 1.124 |
| 876 | 13/10/2017 | 21 | 0.895 | 9.317 | 15.284 | 0.979 | 1.262 | 1.070 |
| 877 | 10/05/2017 | 5 | 0.894 | 9.755 | 15.059 | 0.985 | 1.358 | 1.116 |
| 878 | 02/04/2017 | 13 | 0.893 | 8.359 | 13.653 | 1.029 | 1.959 | 1.205 |
| 879 | 03/08/2017 | 19 | 0.893 | 7.556 | 13.299 | 1.058 | 1.443 | 1.190 |
| 880 | 19/08/2017 | 15 | 0.893 | 7.067 | 16.787 | 1.027 | 1.809 | 1.193 |
| 881 | 02/04/2017 | 10 | 0.892 | 9.985 | 13.474 | 0.952 | 1.369 | 1.104 |
| 882 | 16/07/2017 | 23 | 0.892 | 9.252 | 13.838 | 1.049 | 1.519 | 1.200 |
| 883 | 21/07/2017 | 11 | 0.892 | 9.007 | 13.474 | 0.997 | 1.883 | 1.214 |
| 884 | 21/04/2017 | 3 | 0.891 | 11.769 | 17.067 | 0.925 | 1.826 | 1.180 |
| 885 | 22/06/2017 | 18 | 0.891 | 7.942 | 15.515 | 0.981 | 1.413 | 1.124 |
| 886 | 21/07/2017 | 20 | 0.891 | 6.964 | 10.557 | 0.952 | 1.359 | 1.104 |
| 887 | 21/08/2017 | 12 | 0.891 | 9.351 | 13.299 | 0.945 | 1.886 | 1.162 |



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|-----|------------|----|-------|--------|--------|-------|-------|-------|
| 888 | 16/04/2017 | 14 | 0.890 | 12.941 | 17.965 | 0.972 | 1.457 | 1.225 |
| 889 | 02/05/2017 | 21 | 0.890 | 9.711 | 14.222 | 0.919 | 1.297 | 1.113 |
| 890 | 25/05/2017 | 16 | 0.890 | 9.238 | 14.423 | 0.990 | 1.295 | 1.103 |
| 891 | 12/08/2017 | 1 | 0.890 | 8.282 | 13.838 | 0.933 | 1.369 | 1.104 |
| 892 | 09/09/2017 | 2 | 0.889 | 9.946 | 17.655 | 1.009 | 1.623 | 1.155 |
| 893 | 18/09/2017 | 16 | 0.889 | 6.742 | 10.894 | 1.013 | 1.641 | 1.130 |
| 894 | 13/10/2017 | 18 | 0.889 | 8.548 | 15.754 | 0.948 | 1.290 | 1.113 |
| 895 | 17/10/2017 | 6 | 0.889 | 8.814 | 16.000 | 0.953 | 1.565 | 1.153 |
| 896 | 17/05/2017 | 22 | 0.888 | 7.274 | 17.965 | 1.013 | 1.544 | 1.133 |
| 897 | 21/08/2017 | 9 | 0.888 | 8.353 | 12.962 | 0.954 | 1.386 | 1.077 |
| 898 | 22/08/2017 | 12 | 0.888 | 9.344 | 12.337 | 0.912 | 1.442 | 1.104 |
| 899 | 30/04/2017 | 15 | 0.887 | 8.477 | 16.787 | 1.002 | 1.512 | 1.217 |
| 900 | 02/07/2017 | 1 | 0.887 | 9.147 | 13.299 | 0.907 | 1.404 | 1.098 |
| 901 | 18/08/2017 | 9 | 0.887 | 8.661 | 11.636 | 0.945 | 1.458 | 1.079 |
| 902 | 20/09/2017 | 16 | 0.887 | 6.928 | 16.000 | 0.968 | 1.488 | 1.135 |
| 903 | 01/09/2017 | 8 | 0.885 | 9.414 | 12.962 | 0.962 | 1.358 | 1.070 |
| 904 | 08/09/2017 | 2 | 0.885 | 7.851 | 10.449 | 0.961 | 1.495 | 1.127 |
| 905 | 27/04/2017 | 18 | 0.883 | 8.452 | 13.838 | 0.967 | 1.667 | 1.159 |
| 906 | 22/08/2017 | 6 | 0.883 | 8.423 | 12.190 | 0.896 | 1.278 | 1.094 |
| 907 | 31/08/2017 | 20 | 0.883 | 8.261 | 12.800 | 0.996 | 1.495 | 1.145 |
| 908 | 27/04/2017 | 6 | 0.882 | 10.352 | 14.027 | 0.936 | 1.507 | 1.178 |
| 909 | 24/08/2017 | 15 | 0.882 | 7.056 | 7.938 | 0.946 | 1.307 | 1.046 |
| 910 | 26/04/2017 | 9 | 0.881 | 10.494 | 14.027 | 0.919 | 1.320 | 1.128 |
| 911 | 02/05/2017 | 9 | 0.881 | 8.416 | 14.841 | 1.015 | 1.512 | 1.160 |
| 912 | 21/09/2017 | 7 | 0.881 | 7.775 | 7.262 | 0.927 | 1.528 | 1.084 |
| 913 | 14/10/2017 | 18 | 0.881 | 9.070 | 14.027 | 0.948 | 1.632 | 1.130 |
| 914 | 08/05/2017 | 16 | 0.880 | 6.512 | 12.962 | 1.016 | 1.790 | 1.150 |
| 915 | 03/08/2017 | 13 | 0.880 | 9.733 | 13.299 | 0.977 | 1.388 | 1.140 |
| 916 | 22/09/2017 | 11 | 0.880 | 6.725 | 14.841 | 0.953 | 1.437 | 1.076 |
| 917 | 01/09/2017 | 17 | 0.879 | 7.197 | 13.474 | 0.970 | 1.495 | 1.109 |
| 918 | 06/08/2017 | 4 | 0.878 | 6.940 | 7.529 | 0.924 | 1.502 | 1.097 |
| 919 | 06/04/2017 | 2 | 0.876 | 10.590 | 16.254 | 0.929 | 1.383 | 1.085 |
| 920 | 27/07/2017 | 23 | 0.876 | 8.704 | 16.787 | 1.013 | 1.438 | 1.156 |
| 921 | 24/08/2017 | 12 | 0.876 | 7.269 | 7.111 | 0.934 | 1.301 | 1.084 |
| 922 | 29/05/2017 | 5 | 0.875 | 8.921 | 11.770 | 0.944 | 1.456 | 1.125 |
| 923 | 24/06/2017 | 9 | 0.875 | 9.658 | 14.027 | 0.918 | 1.210 | 1.084 |
| 924 | 02/09/2017 | 2 | 0.875 | 9.247 | 12.642 | 0.924 | 1.254 | 1.095 |



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|-----|------------|----|-------|--------|--------|-------|-------|-------|
| 925 | 18/10/2017 | 9 | 0.875 | 8.465 | 14.841 | 0.946 | 1.343 | 1.101 |
| 926 | 28/04/2017 | 18 | 0.874 | 8.306 | 12.047 | 0.938 | 1.462 | 1.140 |
| 927 | 15/06/2017 | 14 | 0.874 | 5.826 | 14.027 | 1.011 | 1.536 | 1.159 |
| 928 | 30/08/2017 | 19 | 0.874 | 7.569 | 13.128 | 0.982 | 1.463 | 1.117 |
| 929 | 17/10/2017 | 3 | 0.874 | 9.323 | 14.629 | 0.937 | 1.593 | 1.197 |
| 930 | 08/08/2017 | 12 | 0.873 | 11.768 | 19.321 | 0.943 | 1.491 | 1.163 |
| 931 | 19/08/2017 | 12 | 0.873 | 8.958 | 16.787 | 0.964 | 1.327 | 1.087 |
| 932 | 08/09/2017 | 14 | 0.872 | 8.111 | 9.846 | 0.941 | 1.260 | 1.053 |
| 933 | 13/06/2017 | 4 | 0.871 | 6.719 | 9.752 | 0.932 | 1.393 | 1.088 |
| 934 | 16/06/2017 | 12 | 0.871 | 6.911 | 13.838 | 0.977 | 1.544 | 1.092 |
| 935 | 25/08/2017 | 12 | 0.871 | 6.639 | 7.014 | 0.955 | 1.369 | 1.061 |
| 936 | 07/09/2017 | 11 | 0.871 | 8.522 | 11.506 | 0.921 | 1.535 | 1.108 |
| 937 | 04/06/2017 | 19 | 0.870 | 6.507 | 14.629 | 1.020 | 1.612 | 1.168 |
| 938 | 02/05/2017 | 0 | 0.869 | 7.244 | 14.841 | 0.984 | 1.983 | 1.131 |
| 939 | 11/05/2017 | 20 | 0.869 | 7.716 | 13.299 | 1.008 | 1.450 | 1.155 |
| 940 | 25/05/2017 | 22 | 0.869 | 9.251 | 14.629 | 0.966 | 1.531 | 1.125 |
| 941 | 26/03/2017 | 3 | 0.868 | 11.436 | 14.629 | 0.924 | 1.496 | 1.174 |
| 942 | 18/08/2017 | 12 | 0.868 | 9.176 | 14.423 | 0.905 | 1.439 | 1.076 |
| 943 | 02/04/2017 | 22 | 0.867 | 11.549 | 14.027 | 0.893 | 1.347 | 1.093 |
| 944 | 22/04/2017 | 6 | 0.867 | 9.920 | 15.515 | 0.937 | 1.445 | 1.142 |
| 945 | 08/05/2017 | 4 | 0.867 | 9.518 | 13.299 | 0.960 | 1.508 | 1.210 |
| 946 | 25/05/2017 | 13 | 0.867 | 10.126 | 14.222 | 0.887 | 1.329 | 1.088 |
| 947 | 26/05/2017 | 13 | 0.867 | 8.461 | 15.515 | 1.002 | 1.437 | 1.091 |
| 948 | 22/07/2017 | 2 | 0.867 | 8.332 | 13.299 | 0.919 | 1.440 | 1.084 |
| 949 | 30/06/2017 | 18 | 0.866 | 8.637 | 12.642 | 0.989 | 1.764 | 1.208 |
| 950 | 24/05/2017 | 22 | 0.865 | 8.212 | 13.653 | 0.942 | 1.418 | 1.106 |
| 951 | 17/06/2017 | 4 | 0.865 | 8.760 | 14.222 | 0.953 | 1.459 | 1.045 |
| 952 | 01/10/2017 | 15 | 0.865 | 6.176 | 13.128 | 0.954 | 1.301 | 1.058 |
| 953 | 26/04/2017 | 15 | 0.864 | 6.531 | 14.841 | 1.071 | 1.744 | 1.177 |
| 954 | 06/04/2017 | 8 | 0.861 | 10.123 | 16.254 | 0.912 | 1.380 | 1.098 |
| 955 | 28/06/2017 | 6 | 0.861 | 10.170 | 17.965 | 0.981 | 1.478 | 1.119 |
| 956 | 19/10/2017 | 1 | 0.861 | 7.687 | 14.629 | 0.928 | 1.313 | 1.113 |
| 957 | 19/10/2017 | 16 | 0.861 | 6.169 | 14.629 | 0.958 | 1.350 | 1.118 |
| 958 | 27/07/2017 | 20 | 0.860 | 10.631 | 17.356 | 0.942 | 1.455 | 1.072 |
| 959 | 28/04/2017 | 9 | 0.858 | 9.626 | 13.299 | 0.899 | 1.299 | 1.010 |
| 960 | 17/05/2017 | 10 | 0.856 | 5.838 | 5.626 | 0.971 | 1.366 | 1.066 |
| 961 | 01/07/2017 | 3 | 0.856 | 8.362 | 13.653 | 0.922 | 1.360 | 1.045 |



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|-----|------------|----|-------|--------|--------|-------|-------|-------|
| 962 | 19/09/2017 | 19 | 0.856 | 7.780 | 10.240 | 0.901 | 1.296 | 1.028 |
| 963 | 21/08/2017 | 0 | 0.855 | 9.450 | 14.027 | 0.904 | 1.245 | 1.003 |
| 964 | 08/10/2017 | 17 | 0.855 | 7.781 | 14.027 | 0.928 | 1.545 | 1.120 |
| 965 | 06/04/2017 | 20 | 0.853 | 9.900 | 15.284 | 0.992 | 1.705 | 1.197 |
| 966 | 02/06/2017 | 19 | 0.853 | 9.852 | 17.965 | 0.970 | 1.800 | 1.112 |
| 967 | 13/07/2017 | 17 | 0.853 | 7.956 | 15.059 | 0.989 | 1.433 | 1.144 |
| 968 | 30/04/2017 | 9 | 0.852 | 10.032 | 15.754 | 0.888 | 1.181 | 1.009 |
| 969 | 04/07/2017 | 9 | 0.851 | 7.715 | 13.128 | 0.890 | 1.228 | 1.057 |
| 970 | 21/09/2017 | 14 | 0.851 | 5.303 | 16.000 | 0.990 | 1.506 | 1.071 |
| 971 | 01/06/2017 | 9 | 0.850 | 8.439 | 12.190 | 0.900 | 1.426 | 1.075 |
| 972 | 05/06/2017 | 20 | 0.850 | 8.526 | 14.027 | 0.943 | 1.424 | 1.096 |
| 973 | 16/06/2017 | 9 | 0.850 | 7.567 | 13.653 | 0.955 | 1.436 | 1.066 |
| 974 | 21/07/2017 | 23 | 0.850 | 8.816 | 11.907 | 0.881 | 1.239 | 1.012 |
| 975 | 05/05/2017 | 12 | 0.849 | 8.762 | 15.754 | 1.033 | 1.637 | 1.171 |
| 976 | 08/05/2017 | 19 | 0.849 | 6.677 | 12.337 | 0.987 | 1.656 | 1.116 |
| 977 | 02/09/2017 | 20 | 0.849 | 6.126 | 12.337 | 1.006 | 1.822 | 1.138 |
| 978 | 10/10/2017 | 17 | 0.847 | 9.616 | 14.629 | 0.888 | 1.400 | 1.041 |
| 979 | 05/04/2017 | 2 | 0.846 | 10.358 | 13.838 | 0.942 | 1.575 | 1.183 |
| 980 | 14/05/2017 | 0 | 0.846 | 8.484 | 13.299 | 0.913 | 1.334 | 1.060 |
| 981 | 03/09/2017 | 8 | 0.846 | 8.306 | 12.488 | 0.887 | 1.503 | 1.040 |
| 982 | 08/05/2017 | 10 | 0.845 | 9.529 | 13.299 | 0.897 | 1.177 | 0.975 |
| 983 | 25/05/2017 | 4 | 0.844 | 6.813 | 12.488 | 0.999 | 1.629 | 1.099 |
| 984 | 05/06/2017 | 23 | 0.844 | 8.602 | 13.838 | 0.930 | 1.452 | 1.054 |
| 985 | 17/06/2017 | 17 | 0.843 | 7.094 | 14.841 | 1.013 | 1.667 | 1.129 |
| 986 | 24/06/2017 | 6 | 0.843 | 9.599 | 13.128 | 0.880 | 1.372 | 1.022 |
| 987 | 28/03/2017 | 19 | 0.842 | 6.860 | 12.800 | 0.964 | 1.437 | 1.100 |
| 988 | 23/07/2017 | 17 | 0.842 | 6.427 | 12.488 | 0.913 | 1.409 | 1.067 |
| 989 | 10/08/2017 | 21 | 0.842 | 7.308 | 14.629 | 1.005 | 1.380 | 1.066 |
| 990 | 01/07/2017 | 13 | 0.841 | 9.060 | 13.299 | 0.891 | 1.236 | 0.998 |
| 991 | 02/07/2017 | 7 | 0.841 | 9.237 | 11.506 | 0.923 | 1.191 | 1.003 |
| 992 | 22/07/2017 | 8 | 0.841 | 8.404 | 13.838 | 0.926 | 1.259 | 1.075 |
| 993 | 23/07/2017 | 2 | 0.841 | 7.970 | 11.130 | 0.885 | 1.335 | 1.060 |
| 994 | 16/06/2017 | 15 | 0.840 | 6.201 | 14.629 | 0.962 | 1.316 | 1.019 |
| 995 | 24/08/2017 | 21 | 0.840 | 7.251 | 7.211 | 0.863 | 1.434 | 1.050 |
| 996 | 31/08/2017 | 7 | 0.840 | 8.996 | 13.128 | 0.889 | 1.232 | 1.035 |
| 997 | 29/03/2017 | 19 | 0.839 | 6.645 | 16.000 | 0.970 | 1.305 | 1.056 |
| 998 | 08/04/2017 | 20 | 0.839 | 8.742 | 12.642 | 0.904 | 1.286 | 1.081 |



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|------|------------|----|-------|--------|--------|-------|-------|-------|
| 999 | 24/08/2017 | 9 | 0.839 | 7.142 | 6.966 | 0.899 | 1.384 | 1.051 |
| 1000 | 04/10/2017 | 16 | 0.839 | 8.051 | 14.027 | 0.912 | 1.283 | 1.044 |
| 1001 | 08/05/2017 | 7 | 0.838 | 8.885 | 12.962 | 0.942 | 1.514 | 1.140 |
| 1002 | 24/07/2017 | 19 | 0.838 | 6.040 | 6.827 | 0.935 | 1.663 | 1.059 |
| 1003 | 27/03/2017 | 19 | 0.837 | 6.521 | 13.653 | 1.008 | 1.548 | 1.139 |
| 1004 | 01/06/2017 | 3 | 0.837 | 8.027 | 12.800 | 0.908 | 1.367 | 1.063 |
| 1005 | 25/08/2017 | 18 | 0.837 | 7.769 | 17.067 | 0.982 | 1.247 | 1.018 |
| 1006 | 08/04/2017 | 23 | 0.836 | 12.057 | 18.286 | 0.860 | 1.254 | 1.058 |
| 1007 | 18/08/2017 | 6 | 0.836 | 8.151 | 14.841 | 0.922 | 1.549 | 1.069 |
| 1008 | 03/07/2017 | 4 | 0.835 | 8.524 | 14.841 | 0.878 | 1.334 | 1.057 |
| 1009 | 17/04/2017 | 14 | 0.834 | 11.062 | 16.000 | 0.877 | 1.531 | 1.087 |
| 1010 | 02/07/2017 | 10 | 0.834 | 8.970 | 12.642 | 0.911 | 1.422 | 1.080 |
| 1011 | 22/08/2017 | 3 | 0.834 | 8.499 | 12.800 | 0.902 | 1.265 | 1.079 |
| 1012 | 03/09/2017 | 17 | 0.834 | 7.244 | 11.636 | 0.953 | 1.381 | 1.028 |
| 1013 | 21/09/2017 | 17 | 0.834 | 6.262 | 16.254 | 0.931 | 1.435 | 1.082 |
| 1014 | 18/10/2017 | 0 | 0.834 | 8.424 | 15.754 | 0.925 | 1.680 | 1.070 |
| 1015 | 26/04/2017 | 18 | 0.833 | 8.181 | 13.838 | 0.925 | 1.400 | 1.129 |
| 1016 | 03/05/2017 | 3 | 0.833 | 9.871 | 14.027 | 0.884 | 1.405 | 1.139 |
| 1017 | 03/04/2017 | 13 | 0.832 | 10.160 | 14.027 | 0.877 | 1.258 | 0.976 |
| 1018 | 06/08/2017 | 1 | 0.832 | 7.431 | 7.585 | 0.877 | 1.154 | 1.012 |
| 1019 | 03/09/2017 | 2 | 0.832 | 8.082 | 12.337 | 0.889 | 1.399 | 1.087 |
| 1020 | 09/04/2017 | 23 | 0.831 | 12.046 | 16.787 | 0.891 | 1.229 | 0.972 |
| 1021 | 18/10/2017 | 6 | 0.831 | 8.730 | 15.284 | 0.949 | 1.450 | 1.108 |
| 1022 | 28/04/2017 | 21 | 0.830 | 7.963 | 12.047 | 0.907 | 1.413 | 1.034 |
| 1023 | 22/06/2017 | 21 | 0.830 | 7.834 | 13.128 | 0.902 | 1.407 | 1.082 |
| 1024 | 06/04/2017 | 5 | 0.829 | 8.115 | 15.754 | 0.922 | 1.322 | 1.090 |
| 1025 | 10/04/2017 | 23 | 0.829 | 10.878 | 15.284 | 0.887 | 1.356 | 1.109 |
| 1026 | 17/04/2017 | 17 | 0.829 | 6.379 | 16.787 | 1.016 | 1.503 | 1.096 |
| 1027 | 03/08/2017 | 10 | 0.829 | 9.827 | 12.962 | 0.837 | 1.148 | 1.035 |
| 1028 | 19/08/2017 | 3 | 0.829 | 9.177 | 14.629 | 0.887 | 1.416 | 1.054 |
| 1029 | 03/05/2017 | 12 | 0.828 | 8.989 | 15.059 | 0.893 | 1.481 | 1.112 |
| 1030 | 26/05/2017 | 1 | 0.828 | 7.972 | 15.284 | 0.975 | 1.335 | 1.049 |
| 1031 | 03/09/2017 | 5 | 0.828 | 8.218 | 11.907 | 0.888 | 1.248 | 1.001 |
| 1032 | 19/09/2017 | 4 | 0.827 | 8.587 | 10.894 | 0.880 | 1.390 | 1.008 |
| 1033 | 08/10/2017 | 5 | 0.827 | 9.639 | 15.284 | 0.919 | 1.426 | 1.071 |
| 1034 | 24/07/2017 | 9 | 0.825 | 6.497 | 7.161 | 0.912 | 1.472 | 1.019 |
| 1035 | 06/04/2017 | 14 | 0.824 | 6.401 | 15.515 | 0.991 | 1.571 | 1.090 |



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|------|------------|----|-------|--------|--------|-------|-------|-------|
| 1036 | 21/04/2017 | 0 | 0.824 | 11.328 | 17.965 | 0.868 | 1.283 | 1.065 |
| 1037 | 21/04/2017 | 18 | 0.824 | 6.535 | 16.787 | 1.069 | 1.642 | 1.122 |
| 1038 | 04/10/2017 | 6 | 0.824 | 10.225 | 14.629 | 0.870 | 1.321 | 1.057 |
| 1039 | 29/03/2017 | 16 | 0.823 | 6.006 | 13.128 | 0.983 | 1.626 | 1.090 |
| 1040 | 10/06/2017 | 12 | 0.823 | 7.834 | 12.190 | 0.880 | 1.490 | 1.018 |
| 1041 | 22/08/2017 | 9 | 0.823 | 7.819 | 12.642 | 0.846 | 1.453 | 1.050 |
| 1042 | 14/06/2017 | 23 | 0.822 | 6.153 | 14.027 | 0.925 | 1.442 | 1.062 |
| 1043 | 22/07/2017 | 11 | 0.822 | 8.567 | 13.299 | 0.873 | 1.450 | 1.045 |
| 1044 | 03/09/2017 | 14 | 0.822 | 6.210 | 15.059 | 0.958 | 1.736 | 1.092 |
| 1045 | 20/09/2017 | 10 | 0.822 | 7.990 | 15.754 | 0.901 | 1.277 | 1.075 |
| 1046 | 07/04/2017 | 5 | 0.821 | 7.049 | 14.423 | 0.941 | 1.679 | 1.100 |
| 1047 | 02/05/2017 | 3 | 0.821 | 9.161 | 14.423 | 0.886 | 1.570 | 1.109 |
| 1048 | 28/05/2017 | 11 | 0.821 | 8.868 | 12.488 | 0.893 | 1.431 | 1.018 |
| 1049 | 29/04/2017 | 6 | 0.820 | 9.312 | 11.770 | 0.873 | 1.368 | 1.065 |
| 1050 | 17/06/2017 | 10 | 0.820 | 8.839 | 14.629 | 0.889 | 1.370 | 0.998 |
| 1051 | 24/06/2017 | 18 | 0.820 | 8.012 | 13.838 | 0.847 | 1.315 | 1.023 |
| 1052 | 30/04/2017 | 0 | 0.819 | 10.598 | 17.356 | 0.898 | 1.487 | 1.038 |
| 1053 | 19/10/2017 | 7 | 0.819 | 7.734 | 14.423 | 0.885 | 1.262 | 0.990 |
| 1054 | 22/07/2017 | 20 | 0.818 | 6.132 | 10.343 | 0.938 | 1.491 | 1.033 |
| 1055 | 12/08/2017 | 4 | 0.818 | 9.008 | 13.299 | 0.873 | 1.212 | 1.007 |
| 1056 | 04/09/2017 | 20 | 0.818 | 5.250 | 9.752 | 0.927 | 1.402 | 0.995 |
| 1057 | 26/03/2017 | 6 | 0.817 | 10.484 | 14.027 | 0.826 | 1.238 | 1.038 |
| 1058 | 27/03/2017 | 4 | 0.817 | 11.185 | 14.222 | 0.826 | 1.212 | 0.973 |
| 1059 | 04/07/2017 | 12 | 0.817 | 7.143 | 9.481 | 0.858 | 1.192 | 0.995 |
| 1060 | 30/09/2017 | 0 | 0.817 | 7.954 | 12.642 | 0.872 | 1.462 | 1.032 |
| 1061 | 31/03/2017 | 7 | 0.816 | 11.479 | 13.838 | 0.876 | 1.218 | 1.002 |
| 1062 | 18/10/2017 | 22 | 0.816 | 8.676 | 14.423 | 0.883 | 1.505 | 1.073 |
| 1063 | 28/03/2017 | 7 | 0.814 | 10.514 | 12.642 | 0.832 | 1.200 | 0.997 |
| 1064 | 04/05/2017 | 9 | 0.814 | 10.912 | 15.059 | 0.869 | 1.243 | 0.989 |
| 1065 | 14/06/2017 | 14 | 0.814 | 5.096 | 17.356 | 0.930 | 1.507 | 1.062 |
| 1066 | 23/08/2017 | 9 | 0.814 | 8.189 | 10.557 | 0.858 | 1.163 | 1.005 |
| 1067 | 20/10/2017 | 4 | 0.814 | 8.200 | 13.653 | 0.896 | 1.330 | 1.068 |
| 1068 | 06/07/2017 | 13 | 0.813 | 9.082 | 17.655 | 0.988 | 1.403 | 1.072 |
| 1069 | 20/09/2017 | 22 | 0.812 | 6.966 | 14.629 | 0.928 | 1.397 | 1.064 |
| 1070 | 17/04/2017 | 23 | 0.811 | 7.129 | 16.000 | 1.005 | 1.715 | 1.095 |
| 1071 | 15/06/2017 | 11 | 0.810 | 6.975 | 14.423 | 0.886 | 1.405 | 1.055 |
| 1072 | 16/06/2017 | 18 | 0.810 | 7.193 | 13.299 | 0.909 | 1.378 | 1.039 |



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|------|------------|----|-------|--------|--------|-------|-------|-------|
| 1073 | 23/08/2017 | 0 | 0.810 | 8.581 | 12.190 | 0.853 | 1.274 | 1.055 |
| 1074 | 07/09/2017 | 2 | 0.810 | 7.069 | 6.966 | 0.870 | 1.132 | 0.994 |
| 1075 | 25/08/2017 | 21 | 0.809 | 8.808 | 17.356 | 0.890 | 1.622 | 1.054 |
| 1076 | 08/10/2017 | 14 | 0.809 | 9.961 | 14.423 | 0.861 | 1.453 | 1.079 |
| 1077 | 21/09/2017 | 23 | 0.808 | 8.076 | 16.000 | 0.890 | 1.229 | 0.973 |
| 1078 | 25/05/2017 | 10 | 0.807 | 10.039 | 15.515 | 0.852 | 1.429 | 1.042 |
| 1079 | 05/05/2017 | 0 | 0.806 | 10.610 | 15.059 | 0.837 | 1.330 | 1.036 |
| 1080 | 05/08/2017 | 19 | 0.806 | 5.976 | 7.367 | 0.911 | 1.231 | 1.046 |
| 1081 | 03/09/2017 | 23 | 0.806 | 8.788 | 14.222 | 0.820 | 1.242 | 1.016 |
| 1082 | 15/06/2017 | 23 | 0.805 | 7.237 | 14.222 | 0.877 | 1.563 | 1.011 |
| 1083 | 03/07/2017 | 1 | 0.805 | 8.530 | 14.423 | 0.874 | 1.332 | 1.024 |
| 1084 | 04/07/2017 | 2 | 0.805 | 8.381 | 13.653 | 0.851 | 1.322 | 1.086 |
| 1085 | 01/10/2017 | 3 | 0.804 | 7.571 | 12.800 | 0.880 | 1.393 | 0.993 |
| 1086 | 17/04/2017 | 20 | 0.803 | 9.641 | 16.254 | 0.880 | 1.259 | 1.035 |
| 1087 | 03/05/2017 | 21 | 0.803 | 10.264 | 15.059 | 0.853 | 1.327 | 1.023 |
| 1088 | 13/05/2017 | 15 | 0.803 | 8.764 | 14.222 | 0.866 | 1.237 | 0.998 |
| 1089 | 24/06/2017 | 0 | 0.802 | 9.388 | 12.488 | 0.879 | 1.612 | 1.010 |
| 1090 | 18/08/2017 | 18 | 0.802 | 6.351 | 14.222 | 0.918 | 1.384 | 1.017 |
| 1091 | 30/09/2017 | 21 | 0.802 | 8.843 | 13.299 | 0.833 | 1.193 | 1.010 |
| 1092 | 19/04/2017 | 5 | 0.801 | 11.888 | 15.059 | 0.815 | 1.104 | 0.992 |
| 1093 | 19/10/2017 | 4 | 0.801 | 8.571 | 14.423 | 0.878 | 1.317 | 1.035 |
| 1094 | 26/03/2017 | 9 | 0.800 | 10.387 | 14.027 | 0.870 | 1.131 | 0.969 |
| 1095 | 22/04/2017 | 19 | 0.800 | 7.724 | 15.284 | 0.959 | 1.508 | 1.096 |
| 1096 | 28/07/2017 | 2 | 0.800 | 10.929 | 18.286 | 0.889 | 1.372 | 1.065 |
| 1097 | 18/04/2017 | 5 | 0.799 | 8.506 | 15.754 | 0.859 | 1.283 | 1.004 |
| 1098 | 15/06/2017 | 8 | 0.799 | 7.381 | 7.367 | 0.838 | 1.477 | 1.009 |
| 1099 | 07/09/2017 | 8 | 0.799 | 8.102 | 11.253 | 0.859 | 1.487 | 1.046 |
| 1100 | 03/04/2017 | 10 | 0.798 | 10.738 | 14.027 | 0.818 | 1.194 | 0.996 |
| 1101 | 04/05/2017 | 15 | 0.798 | 6.905 | 15.515 | 1.046 | 1.776 | 1.143 |
| 1102 | 13/05/2017 | 21 | 0.798 | 7.437 | 10.779 | 0.873 | 1.248 | 0.933 |
| 1103 | 17/05/2017 | 16 | 0.798 | 6.724 | 17.655 | 0.943 | 1.406 | 0.993 |
| 1104 | 29/05/2017 | 15 | 0.798 | 9.437 | 11.253 | 0.849 | 1.348 | 1.033 |
| 1105 | 15/07/2017 | 5 | 0.798 | 9.109 | 13.474 | 0.892 | 1.373 | 1.049 |
| 1106 | 20/09/2017 | 13 | 0.798 | 8.624 | 16.000 | 0.847 | 1.165 | 0.934 |
| 1107 | 30/09/2017 | 9 | 0.798 | 8.612 | 13.128 | 0.846 | 1.509 | 1.021 |
| 1108 | 18/04/2017 | 2 | 0.797 | 7.565 | 15.284 | 0.954 | 1.535 | 1.037 |
| 1109 | 04/06/2017 | 13 | 0.796 | 7.395 | 14.423 | 0.915 | 1.499 | 1.076 |



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|------|------------|----|-------|--------|--------|-------|-------|-------|
| 1110 | 31/08/2017 | 23 | 0.796 | 8.924 | 14.423 | 0.868 | 1.324 | 1.024 |
| 1111 | 09/10/2017 | 20 | 0.796 | 11.047 | 12.962 | 0.843 | 1.165 | 0.945 |
| 1112 | 27/03/2017 | 16 | 0.795 | 6.399 | 13.838 | 0.944 | 1.251 | 1.008 |
| 1113 | 03/05/2017 | 9 | 0.795 | 10.927 | 15.284 | 0.857 | 1.214 | 0.993 |
| 1114 | 08/10/2017 | 11 | 0.795 | 9.722 | 14.423 | 0.840 | 1.252 | 0.992 |
| 1115 | 11/04/2017 | 18 | 0.794 | 7.639 | 14.027 | 0.965 | 1.757 | 1.146 |
| 1116 | 15/04/2017 | 23 | 0.794 | 9.922 | 13.838 | 0.950 | 1.392 | 1.058 |
| 1117 | 16/06/2017 | 5 | 0.794 | 6.466 | 13.653 | 0.871 | 1.293 | 0.997 |
| 1118 | 19/08/2017 | 6 | 0.794 | 8.172 | 13.838 | 0.866 | 1.439 | 0.979 |
| 1119 | 01/09/2017 | 23 | 0.793 | 8.768 | 13.128 | 0.824 | 1.277 | 1.014 |
| 1120 | 09/05/2017 | 23 | 0.792 | 8.580 | 15.754 | 0.829 | 1.238 | 1.014 |
| 1121 | 02/04/2017 | 7 | 0.791 | 11.033 | 14.423 | 0.831 | 1.244 | 0.995 |
| 1122 | 10/04/2017 | 17 | 0.791 | 6.707 | 16.000 | 0.973 | 1.787 | 1.072 |
| 1123 | 04/05/2017 | 0 | 0.791 | 9.802 | 14.629 | 0.884 | 1.569 | 1.073 |
| 1124 | 03/09/2017 | 11 | 0.791 | 7.349 | 11.378 | 0.864 | 1.119 | 0.956 |
| 1125 | 01/04/2017 | 13 | 0.790 | 11.111 | 13.838 | 0.836 | 1.631 | 1.075 |
| 1126 | 03/04/2017 | 1 | 0.790 | 10.116 | 13.299 | 0.823 | 1.428 | 1.061 |
| 1127 | 11/04/2017 | 21 | 0.790 | 8.450 | 13.299 | 0.878 | 1.302 | 1.041 |
| 1128 | 16/07/2017 | 20 | 0.790 | 7.566 | 14.222 | 0.875 | 1.349 | 1.034 |
| 1129 | 30/09/2017 | 3 | 0.790 | 7.133 | 11.770 | 0.860 | 1.096 | 0.955 |
| 1130 | 23/04/2017 | 8 | 0.789 | 11.351 | 14.629 | 0.827 | 1.256 | 0.986 |
| 1131 | 02/05/2017 | 6 | 0.789 | 9.393 | 14.841 | 0.856 | 1.221 | 0.997 |
| 1132 | 02/05/2017 | 15 | 0.789 | 5.815 | 15.059 | 0.997 | 1.474 | 1.008 |
| 1133 | 09/10/2017 | 2 | 0.789 | 10.870 | 13.838 | 0.810 | 1.157 | 0.933 |
| 1134 | 12/06/2017 | 12 | 0.788 | 7.529 | 10.449 | 0.877 | 1.438 | 1.026 |
| 1135 | 06/09/2017 | 14 | 0.788 | 6.213 | 15.754 | 0.894 | 1.301 | 0.997 |
| 1136 | 27/06/2017 | 9 | 0.787 | 8.314 | 15.284 | 0.841 | 1.441 | 1.024 |
| 1137 | 23/07/2017 | 11 | 0.787 | 8.237 | 13.299 | 0.843 | 1.320 | 0.953 |
| 1138 | 19/10/2017 | 19 | 0.787 | 5.892 | 6.321 | 0.845 | 1.236 | 0.966 |
| 1139 | 02/04/2017 | 1 | 0.786 | 10.212 | 13.838 | 0.860 | 1.351 | 1.001 |
| 1140 | 29/05/2017 | 2 | 0.786 | 7.850 | 11.378 | 0.870 | 1.500 | 0.996 |
| 1141 | 23/07/2017 | 5 | 0.785 | 7.826 | 12.337 | 0.838 | 1.273 | 1.024 |
| 1142 | 09/04/2017 | 20 | 0.784 | 8.243 | 16.254 | 0.944 | 1.389 | 1.048 |
| 1143 | 13/05/2017 | 18 | 0.784 | 8.348 | 12.190 | 0.876 | 1.288 | 0.996 |
| 1144 | 15/06/2017 | 17 | 0.784 | 5.968 | 14.841 | 0.874 | 1.348 | 1.032 |
| 1145 | 26/06/2017 | 18 | 0.784 | 7.110 | 6.606 | 0.831 | 1.279 | 0.989 |
| 1146 | 19/04/2017 | 14 | 0.783 | 5.165 | 15.284 | 0.971 | 1.378 | 1.011 |



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|------|------------|----|-------|--------|--------|-------|-------|-------|
| 1147 | 22/08/2017 | 0 | 0.783 | 8.717 | 12.642 | 0.806 | 1.242 | 0.991 |
| 1148 | 04/09/2017 | 8 | 0.783 | 6.966 | 9.309 | 0.864 | 1.423 | 0.986 |
| 1149 | 27/09/2017 | 0 | 0.782 | 7.697 | 10.039 | 0.826 | 1.274 | 0.959 |
| 1150 | 08/04/2017 | 5 | 0.781 | 10.206 | 13.474 | 0.847 | 1.143 | 0.954 |
| 1151 | 01/05/2017 | 0 | 0.781 | 6.800 | 16.254 | 0.892 | 1.319 | 1.023 |
| 1152 | 15/06/2017 | 2 | 0.781 | 6.348 | 9.481 | 0.865 | 1.178 | 0.944 |
| 1153 | 28/05/2017 | 23 | 0.780 | 7.859 | 12.488 | 0.857 | 1.322 | 0.965 |
| 1154 | 27/04/2017 | 15 | 0.779 | 6.403 | 16.254 | 0.964 | 1.568 | 1.049 |
| 1155 | 29/04/2017 | 21 | 0.779 | 9.423 | 11.770 | 0.864 | 1.276 | 1.066 |
| 1156 | 22/06/2017 | 9 | 0.779 | 7.191 | 13.128 | 0.879 | 1.320 | 0.980 |
| 1157 | 02/05/2017 | 18 | 0.778 | 6.697 | 15.059 | 0.926 | 1.436 | 0.990 |
| 1158 | 10/05/2017 | 2 | 0.778 | 8.530 | 15.754 | 0.825 | 1.275 | 1.031 |
| 1159 | 22/07/2017 | 23 | 0.778 | 8.042 | 13.299 | 0.812 | 1.358 | 1.036 |
| 1160 | 24/08/2017 | 0 | 0.778 | 5.357 | 9.570 | 0.890 | 1.202 | 0.948 |
| 1161 | 24/08/2017 | 18 | 0.778 | 7.409 | 7.367 | 0.832 | 1.489 | 0.949 |
| 1162 | 19/04/2017 | 11 | 0.777 | 10.826 | 14.841 | 0.842 | 1.282 | 0.955 |
| 1163 | 27/04/2017 | 3 | 0.777 | 9.166 | 13.653 | 0.824 | 1.180 | 0.956 |
| 1164 | 23/07/2017 | 8 | 0.777 | 7.330 | 12.190 | 0.846 | 1.419 | 1.020 |
| 1165 | 25/08/2017 | 0 | 0.777 | 7.321 | 9.062 | 0.831 | 1.304 | 0.998 |
| 1166 | 22/04/2017 | 0 | 0.776 | 9.713 | 16.000 | 0.924 | 1.494 | 1.089 |
| 1167 | 12/08/2017 | 16 | 0.776 | 7.029 | 13.299 | 0.857 | 1.325 | 0.994 |
| 1168 | 22/04/2017 | 9 | 0.775 | 10.988 | 16.254 | 0.840 | 1.189 | 0.979 |
| 1169 | 31/05/2017 | 5 | 0.774 | 8.304 | 13.474 | 0.869 | 1.477 | 0.982 |
| 1170 | 07/09/2017 | 5 | 0.774 | 8.755 | 12.190 | 0.888 | 1.252 | 0.917 |
| 1171 | 01/04/2017 | 1 | 0.773 | 11.058 | 13.653 | 0.818 | 1.254 | 0.931 |
| 1172 | 14/05/2017 | 12 | 0.773 | 7.954 | 13.128 | 0.820 | 1.218 | 0.981 |
| 1173 | 25/06/2017 | 18 | 0.773 | 7.146 | 12.190 | 0.852 | 1.346 | 1.024 |
| 1174 | 24/07/2017 | 2 | 0.773 | 6.536 | 7.529 | 0.857 | 1.178 | 0.983 |
| 1175 | 01/05/2017 | 12 | 0.772 | 7.543 | 15.284 | 0.844 | 1.589 | 0.962 |
| 1176 | 21/09/2017 | 1 | 0.772 | 8.665 | 15.059 | 0.848 | 1.250 | 0.929 |
| 1177 | 25/09/2017 | 17 | 0.772 | 6.518 | 10.240 | 0.865 | 1.481 | 1.004 |
| 1178 | 03/09/2017 | 20 | 0.771 | 6.519 | 9.660 | 0.861 | 1.318 | 0.972 |
| 1179 | 20/09/2017 | 7 | 0.771 | 7.148 | 11.636 | 0.840 | 1.321 | 0.969 |
| 1180 | 03/05/2017 | 6 | 0.770 | 11.114 | 15.284 | 0.786 | 1.204 | 0.984 |
| 1181 | 17/06/2017 | 7 | 0.770 | 8.764 | 15.284 | 0.841 | 1.338 | 0.954 |
| 1182 | 23/06/2017 | 9 | 0.770 | 8.277 | 14.027 | 0.832 | 1.455 | 1.000 |
| 1183 | 21/07/2017 | 5 | 0.770 | 7.576 | 12.800 | 0.856 | 1.382 | 0.994 |



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|------|------------|----|-------|--------|--------|-------|-------|-------|
| 1184 | 19/09/2017 | 13 | 0.769 | 6.815 | 10.139 | 0.854 | 1.428 | 0.999 |
| 1185 | 03/04/2017 | 4 | 0.768 | 11.235 | 13.838 | 0.790 | 1.116 | 0.982 |
| 1186 | 15/06/2017 | 5 | 0.768 | 7.214 | 7.111 | 0.834 | 1.284 | 0.926 |
| 1187 | 27/06/2017 | 3 | 0.768 | 8.385 | 13.653 | 0.840 | 1.110 | 0.958 |
| 1188 | 28/04/2017 | 6 | 0.767 | 8.923 | 12.488 | 0.807 | 1.299 | 0.995 |
| 1189 | 09/05/2017 | 2 | 0.767 | 7.225 | 12.190 | 0.838 | 1.184 | 0.975 |
| 1190 | 22/08/2017 | 18 | 0.767 | 6.910 | 12.047 | 0.871 | 1.398 | 0.996 |
| 1191 | 27/03/2017 | 22 | 0.766 | 7.861 | 13.474 | 0.857 | 1.408 | 1.026 |
| 1192 | 23/08/2017 | 6 | 0.766 | 7.893 | 10.894 | 0.829 | 1.233 | 0.987 |
| 1193 | 02/10/2017 | 6 | 0.766 | 6.786 | 12.047 | 0.846 | 1.209 | 0.959 |
| 1194 | 28/03/2017 | 16 | 0.765 | 6.323 | 12.800 | 0.973 | 2.008 | 1.094 |
| 1195 | 07/04/2017 | 20 | 0.765 | 9.402 | 13.474 | 0.805 | 1.205 | 0.988 |
| 1196 | 02/06/2017 | 0 | 0.765 | 9.718 | 18.963 | 0.859 | 1.218 | 0.925 |
| 1197 | 27/06/2017 | 12 | 0.765 | 10.165 | 15.284 | 0.823 | 1.135 | 0.935 |
| 1198 | 02/09/2017 | 11 | 0.765 | 9.360 | 12.962 | 0.840 | 1.654 | 1.056 |
| 1199 | 02/10/2017 | 0 | 0.765 | 5.733 | 12.642 | 0.871 | 1.465 | 0.947 |
| 1200 | 13/06/2017 | 1 | 0.764 | 6.298 | 10.449 | 0.845 | 1.205 | 0.944 |
| 1201 | 16/06/2017 | 2 | 0.764 | 6.531 | 13.653 | 0.865 | 1.370 | 0.974 |
| 1202 | 11/04/2017 | 2 | 0.763 | 9.692 | 14.629 | 0.816 | 1.311 | 0.956 |
| 1203 | 04/08/2017 | 7 | 0.763 | 7.315 | 12.800 | 0.842 | 1.233 | 0.974 |
| 1204 | 05/04/2017 | 20 | 0.762 | 8.983 | 15.515 | 0.805 | 1.223 | 0.972 |
| 1205 | 26/04/2017 | 12 | 0.762 | 10.423 | 14.027 | 0.804 | 1.171 | 0.964 |
| 1206 | 14/06/2017 | 20 | 0.762 | 6.586 | 10.667 | 0.835 | 1.145 | 0.937 |
| 1207 | 30/09/2017 | 6 | 0.762 | 8.429 | 13.474 | 0.801 | 1.280 | 0.955 |
| 1208 | 29/03/2017 | 13 | 0.761 | 10.981 | 12.962 | 0.758 | 1.230 | 0.953 |
| 1209 | 09/04/2017 | 17 | 0.760 | 5.960 | 16.516 | 0.923 | 1.586 | 0.985 |
| 1210 | 17/06/2017 | 0 | 0.760 | 6.524 | 14.027 | 0.888 | 1.333 | 0.986 |
| 1211 | 24/07/2017 | 13 | 0.760 | 6.760 | 7.211 | 0.772 | 1.222 | 0.945 |
| 1212 | 24/06/2017 | 3 | 0.759 | 9.049 | 12.190 | 0.815 | 1.322 | 0.995 |
| 1213 | 01/10/2017 | 0 | 0.759 | 7.581 | 13.653 | 0.824 | 1.383 | 0.936 |
| 1214 | 10/10/2017 | 11 | 0.759 | 9.509 | 12.962 | 0.781 | 1.302 | 0.910 |
| 1215 | 15/06/2017 | 20 | 0.758 | 6.124 | 7.111 | 0.865 | 1.575 | 1.022 |
| 1216 | 04/08/2017 | 1 | 0.756 | 9.277 | 13.128 | 0.827 | 1.181 | 0.953 |
| 1217 | 25/08/2017 | 15 | 0.756 | 8.589 | 18.618 | 0.809 | 1.251 | 0.946 |
| 1218 | 01/09/2017 | 2 | 0.756 | 8.389 | 13.474 | 0.832 | 1.163 | 0.931 |
| 1219 | 19/09/2017 | 10 | 0.756 | 8.834 | 10.667 | 0.794 | 1.185 | 0.987 |
| 1220 | 30/09/2017 | 12 | 0.756 | 7.442 | 13.838 | 0.855 | 1.342 | 1.012 |



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|------|------------|----|-------|--------|--------|-------|-------|-------|
| 1221 | 08/04/2017 | 17 | 0.755 | 7.709 | 12.800 | 0.889 | 1.178 | 1.001 |
| 1222 | 18/04/2017 | 14 | 0.755 | 5.843 | 15.754 | 0.970 | 1.582 | 1.018 |
| 1223 | 30/04/2017 | 12 | 0.755 | 9.475 | 16.254 | 0.837 | 1.174 | 0.936 |
| 1224 | 08/05/2017 | 13 | 0.755 | 5.084 | 13.128 | 0.955 | 1.329 | 1.019 |
| 1225 | 09/05/2017 | 5 | 0.755 | 8.003 | 12.190 | 0.812 | 1.136 | 0.893 |
| 1226 | 24/06/2017 | 15 | 0.755 | 7.450 | 12.962 | 0.856 | 1.230 | 1.003 |
| 1227 | 04/07/2017 | 18 | 0.755 | 5.107 | 8.982 | 0.856 | 1.227 | 0.928 |
| 1228 | 01/05/2017 | 3 | 0.754 | 8.921 | 15.059 | 0.920 | 1.535 | 1.058 |
| 1229 | 02/09/2017 | 23 | 0.753 | 8.155 | 12.047 | 0.822 | 1.261 | 0.953 |
| 1230 | 01/04/2017 | 10 | 0.752 | 10.573 | 14.222 | 0.769 | 1.426 | 1.015 |
| 1231 | 26/04/2017 | 21 | 0.751 | 8.350 | 14.423 | 0.848 | 1.302 | 0.978 |
| 1232 | 27/06/2017 | 21 | 0.751 | 8.557 | 11.506 | 0.825 | 1.274 | 0.952 |
| 1233 | 04/07/2017 | 15 | 0.751 | 6.226 | 13.128 | 0.828 | 1.318 | 0.954 |
| 1234 | 02/04/2017 | 16 | 0.750 | 9.275 | 13.128 | 0.835 | 1.202 | 0.984 |
| 1235 | 04/04/2017 | 14 | 0.750 | 5.989 | 13.838 | 0.964 | 1.528 | 1.008 |
| 1236 | 03/07/2017 | 10 | 0.750 | 8.676 | 11.253 | 0.815 | 1.290 | 0.925 |
| 1237 | 04/07/2017 | 5 | 0.750 | 7.486 | 14.027 | 0.843 | 1.245 | 0.910 |
| 1238 | 18/10/2017 | 12 | 0.750 | 8.317 | 14.841 | 0.843 | 1.317 | 0.988 |
| 1239 | 20/10/2017 | 7 | 0.750 | 8.175 | 20.898 | 0.871 | 1.377 | 0.945 |
| 1240 | 30/03/2017 | 19 | 0.748 | 6.722 | 14.423 | 0.854 | 1.354 | 0.977 |
| 1241 | 24/04/2017 | 5 | 0.748 | 11.185 | 15.284 | 0.803 | 1.076 | 0.972 |
| 1242 | 13/06/2017 | 7 | 0.748 | 6.923 | 9.846 | 0.812 | 1.241 | 0.952 |
| 1243 | 29/09/2017 | 15 | 0.748 | 4.803 | 12.642 | 0.920 | 1.446 | 0.993 |
| 1244 | 09/04/2017 | 2 | 0.747 | 10.945 | 17.965 | 0.848 | 1.381 | 1.021 |
| 1245 | 01/06/2017 | 6 | 0.747 | 8.333 | 13.128 | 0.775 | 1.253 | 0.912 |
| 1246 | 04/04/2017 | 5 | 0.746 | 11.114 | 14.222 | 0.806 | 1.211 | 0.945 |
| 1247 | 03/05/2017 | 18 | 0.746 | 9.188 | 15.059 | 0.920 | 1.355 | 1.025 |
| 1248 | 16/06/2017 | 21 | 0.746 | 7.493 | 14.222 | 0.847 | 1.398 | 0.954 |
| 1249 | 28/04/2017 | 3 | 0.745 | 8.931 | 12.488 | 0.780 | 1.022 | 0.877 |
| 1250 | 22/08/2017 | 21 | 0.745 | 6.979 | 11.907 | 0.842 | 1.202 | 0.972 |
| 1251 | 19/04/2017 | 18 | 0.744 | 11.583 | 14.629 | 0.794 | 1.523 | 1.029 |
| 1252 | 27/06/2017 | 6 | 0.744 | 7.858 | 13.299 | 0.812 | 1.166 | 0.906 |
| 1253 | 06/08/2017 | 7 | 0.744 | 6.145 | 6.966 | 0.814 | 1.192 | 0.898 |
| 1254 | 04/09/2017 | 5 | 0.744 | 8.017 | 10.557 | 0.794 | 1.184 | 0.925 |
| 1255 | 27/09/2017 | 21 | 0.744 | 6.003 | 9.942 | 0.845 | 1.247 | 0.923 |
| 1256 | 01/10/2017 | 18 | 0.744 | 5.882 | 13.128 | 0.825 | 1.212 | 0.929 |
| 1257 | 05/04/2017 | 14 | 0.743 | 9.287 | 14.027 | 0.800 | 1.256 | 0.926 |



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|------|------------|----|-------|--------|--------|-------|-------|-------|
| 1258 | 06/04/2017 | 11 | 0.743 | 9.253 | 15.059 | 0.881 | 1.380 | 0.968 |
| 1259 | 30/04/2017 | 3 | 0.743 | 10.856 | 16.000 | 0.813 | 1.235 | 0.958 |
| 1260 | 19/08/2017 | 9 | 0.742 | 8.454 | 16.000 | 0.841 | 1.211 | 0.984 |
| 1261 | 29/04/2017 | 0 | 0.741 | 9.144 | 12.800 | 0.801 | 1.254 | 0.895 |
| 1262 | 23/07/2017 | 23 | 0.741 | 7.179 | 7.211 | 0.804 | 1.323 | 0.968 |
| 1263 | 19/09/2017 | 16 | 0.740 | 8.125 | 10.894 | 0.811 | 1.393 | 1.011 |
| 1264 | 22/09/2017 | 2 | 0.740 | 7.235 | 7.111 | 0.815 | 1.217 | 0.976 |
| 1265 | 04/09/2017 | 14 | 0.739 | 5.443 | 14.027 | 0.861 | 1.376 | 0.965 |
| 1266 | 10/04/2017 | 2 | 0.737 | 10.012 | 16.516 | 0.802 | 1.153 | 0.959 |
| 1267 | 18/08/2017 | 21 | 0.736 | 8.451 | 14.423 | 0.796 | 1.283 | 0.919 |
| 1268 | 05/04/2017 | 23 | 0.734 | 9.722 | 16.254 | 0.789 | 1.255 | 0.919 |
| 1269 | 23/04/2017 | 17 | 0.734 | 6.220 | 14.629 | 0.948 | 1.291 | 0.981 |
| 1270 | 25/08/2017 | 6 | 0.734 | 8.151 | 17.356 | 0.799 | 1.280 | 0.914 |
| 1271 | 08/10/2017 | 23 | 0.734 | 9.190 | 13.474 | 0.794 | 1.169 | 0.920 |
| 1272 | 26/03/2017 | 15 | 0.733 | 5.990 | 14.841 | 0.961 | 1.508 | 1.003 |
| 1273 | 10/10/2017 | 5 | 0.732 | 9.506 | 12.642 | 0.767 | 1.273 | 0.958 |
| 1274 | 25/03/2017 | 21 | 0.730 | 7.735 | 14.629 | 0.837 | 1.422 | 0.927 |
| 1275 | 26/06/2017 | 21 | 0.730 | 6.858 | 6.649 | 0.811 | 1.203 | 0.897 |
| 1276 | 21/08/2017 | 21 | 0.730 | 6.799 | 11.907 | 0.820 | 1.314 | 0.939 |
| 1277 | 01/04/2017 | 19 | 0.729 | 6.592 | 13.838 | 0.889 | 1.283 | 0.994 |
| 1278 | 14/05/2017 | 9 | 0.728 | 8.317 | 13.653 | 0.774 | 1.157 | 0.911 |
| 1279 | 17/04/2017 | 2 | 0.726 | 10.752 | 16.787 | 0.819 | 1.308 | 0.966 |
| 1280 | 21/04/2017 | 6 | 0.726 | 11.052 | 16.516 | 0.793 | 1.008 | 0.890 |
| 1281 | 03/07/2017 | 23 | 0.726 | 7.870 | 10.039 | 0.770 | 1.157 | 0.941 |
| 1282 | 05/08/2017 | 4 | 0.726 | 8.113 | 12.642 | 0.780 | 1.161 | 0.895 |
| 1283 | 06/08/2017 | 16 | 0.726 | 6.589 | 6.966 | 0.811 | 1.127 | 0.902 |
| 1284 | 26/09/2017 | 14 | 0.726 | 5.648 | 9.570 | 0.876 | 1.353 | 0.929 |
| 1285 | 19/10/2017 | 10 | 0.726 | 7.616 | 14.222 | 0.777 | 1.220 | 0.896 |
| 1286 | 01/05/2017 | 15 | 0.725 | 6.611 | 15.515 | 0.912 | 1.339 | 0.912 |
| 1287 | 27/09/2017 | 15 | 0.725 | 5.226 | 9.570 | 0.849 | 1.338 | 0.897 |
| 1288 | 08/10/2017 | 20 | 0.725 | 8.701 | 13.838 | 0.773 | 1.201 | 0.959 |
| 1289 | 20/09/2017 | 4 | 0.724 | 7.146 | 9.846 | 0.762 | 1.223 | 0.916 |
| 1290 | 05/04/2017 | 11 | 0.723 | 10.534 | 14.222 | 0.774 | 1.274 | 0.912 |
| 1291 | 21/04/2017 | 12 | 0.723 | 10.278 | 15.284 | 0.800 | 1.359 | 0.934 |
| 1292 | 16/05/2017 | 0 | 0.723 | 7.913 | 11.130 | 0.787 | 1.087 | 0.929 |
| 1293 | 23/04/2017 | 5 | 0.722 | 10.099 | 14.841 | 0.770 | 1.073 | 0.871 |
| 1294 | 29/04/2017 | 9 | 0.721 | 9.073 | 11.253 | 0.787 | 1.191 | 0.878 |



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|------|------------|----|-------|--------|--------|-------|-------|-------|
| 1295 | 23/08/2017 | 15 | 0.721 | 8.352 | 12.047 | 0.776 | 1.128 | 0.912 |
| 1296 | 04/09/2017 | 2 | 0.720 | 8.178 | 10.557 | 0.758 | 1.117 | 0.928 |
| 1297 | 08/04/2017 | 2 | 0.719 | 9.138 | 13.838 | 0.783 | 1.242 | 0.917 |
| 1298 | 13/06/2017 | 16 | 0.719 | 5.234 | 10.039 | 0.849 | 1.317 | 0.937 |
| 1299 | 05/09/2017 | 14 | 0.719 | 5.869 | 16.516 | 0.829 | 1.300 | 0.906 |
| 1300 | 10/04/2017 | 11 | 0.718 | 10.008 | 15.515 | 0.765 | 0.962 | 0.868 |
| 1301 | 03/05/2017 | 0 | 0.718 | 9.510 | 14.423 | 0.790 | 1.201 | 0.954 |
| 1302 | 09/05/2017 | 17 | 0.718 | 5.674 | 12.800 | 0.850 | 1.229 | 0.916 |
| 1303 | 25/05/2017 | 1 | 0.718 | 9.017 | 13.474 | 0.774 | 1.016 | 0.892 |
| 1304 | 07/04/2017 | 11 | 0.717 | 9.148 | 14.629 | 0.822 | 1.341 | 0.972 |
| 1305 | 23/08/2017 | 3 | 0.717 | 8.172 | 12.642 | 0.796 | 1.528 | 0.903 |
| 1306 | 04/10/2017 | 10 | 0.717 | 9.449 | 14.222 | 0.773 | 0.981 | 0.852 |
| 1307 | 19/10/2017 | 22 | 0.717 | 6.602 | 6.606 | 0.768 | 1.297 | 0.907 |
| 1308 | 06/04/2017 | 23 | 0.716 | 9.650 | 15.059 | 0.799 | 1.186 | 0.928 |
| 1309 | 07/08/2017 | 20 | 0.716 | 5.537 | 14.222 | 0.831 | 1.125 | 0.875 |
| 1310 | 23/08/2017 | 12 | 0.716 | 9.923 | 10.779 | 0.763 | 1.109 | 0.899 |
| 1311 | 26/03/2017 | 12 | 0.715 | 10.122 | 14.027 | 0.779 | 1.096 | 0.921 |
| 1312 | 21/09/2017 | 4 | 0.715 | 8.240 | 14.629 | 0.777 | 1.210 | 0.881 |
| 1313 | 21/09/2017 | 10 | 0.715 | 7.984 | 12.337 | 0.799 | 1.307 | 0.899 |
| 1314 | 04/07/2017 | 21 | 0.714 | 6.120 | 6.737 | 0.797 | 1.230 | 0.886 |
| 1315 | 12/07/2017 | 17 | 0.714 | 8.885 | 14.423 | 0.835 | 1.565 | 1.049 |
| 1316 | 16/04/2017 | 5 | 0.713 | 7.804 | 17.965 | 0.894 | 1.473 | 1.004 |
| 1317 | 23/04/2017 | 20 | 0.713 | 7.602 | 14.629 | 0.865 | 1.548 | 1.004 |
| 1318 | 15/05/2017 | 12 | 0.713 | 8.192 | 12.190 | 0.771 | 1.229 | 0.915 |
| 1319 | 03/07/2017 | 14 | 0.713 | 5.006 | 10.779 | 0.896 | 1.393 | 0.915 |
| 1320 | 09/10/2017 | 11 | 0.713 | 9.381 | 13.838 | 0.772 | 1.311 | 0.944 |
| 1321 | 29/04/2017 | 3 | 0.712 | 9.276 | 11.636 | 0.780 | 1.249 | 0.936 |
| 1322 | 24/07/2017 | 22 | 0.711 | 5.600 | 6.606 | 0.775 | 1.167 | 0.869 |
| 1323 | 06/09/2017 | 8 | 0.711 | 7.245 | 6.966 | 0.806 | 1.167 | 0.922 |
| 1324 | 29/09/2017 | 18 | 0.711 | 6.843 | 12.337 | 0.803 | 1.126 | 0.903 |
| 1325 | 08/05/2017 | 22 | 0.710 | 8.139 | 12.488 | 0.778 | 1.253 | 0.903 |
| 1326 | 09/10/2017 | 5 | 0.710 | 9.601 | 13.474 | 0.734 | 1.140 | 0.874 |
| 1327 | 03/08/2017 | 22 | 0.709 | 8.247 | 12.962 | 0.812 | 1.301 | 0.945 |
| 1328 | 04/08/2017 | 13 | 0.709 | 5.017 | 12.962 | 0.848 | 1.263 | 0.905 |
| 1329 | 06/08/2017 | 19 | 0.709 | 6.199 | 6.872 | 0.768 | 1.153 | 0.869 |
| 1330 | 07/04/2017 | 14 | 0.707 | 7.890 | 14.629 | 0.871 | 1.470 | 1.007 |
| 1331 | 02/06/2017 | 9 | 0.707 | 9.086 | 17.965 | 0.777 | 1.559 | 0.913 |



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|------|------------|----|-------|--------|--------|-------|-------|-------|
| 1332 | 25/05/2017 | 7 | 0.706 | 8.503 | 14.423 | 0.789 | 1.292 | 0.909 |
| 1333 | 01/06/2017 | 15 | 0.706 | 6.785 | 14.629 | 0.811 | 1.282 | 0.951 |
| 1334 | 05/09/2017 | 20 | 0.706 | 6.130 | 7.111 | 0.775 | 1.298 | 0.892 |
| 1335 | 27/04/2017 | 12 | 0.705 | 9.634 | 13.474 | 0.737 | 1.041 | 0.875 |
| 1336 | 04/10/2017 | 3 | 0.705 | 10.333 | 15.284 | 0.765 | 1.210 | 0.878 |
| 1337 | 08/04/2017 | 11 | 0.704 | 9.737 | 13.128 | 0.780 | 1.400 | 0.893 |
| 1338 | 10/04/2017 | 5 | 0.703 | 7.805 | 16.254 | 0.875 | 1.411 | 0.965 |
| 1339 | 17/04/2017 | 8 | 0.703 | 9.055 | 17.356 | 0.824 | 1.207 | 0.964 |
| 1340 | 23/04/2017 | 14 | 0.703 | 6.607 | 15.284 | 0.921 | 1.542 | 0.959 |
| 1341 | 14/05/2017 | 3 | 0.703 | 9.017 | 11.636 | 0.743 | 1.216 | 0.853 |
| 1342 | 27/06/2017 | 18 | 0.703 | 7.163 | 11.130 | 0.826 | 1.093 | 0.878 |
| 1343 | 03/07/2017 | 17 | 0.703 | 5.482 | 13.299 | 0.820 | 1.348 | 0.917 |
| 1344 | 27/07/2017 | 8 | 0.703 | 7.275 | 18.286 | 0.815 | 1.088 | 0.870 |
| 1345 | 27/09/2017 | 9 | 0.703 | 8.218 | 12.488 | 0.755 | 1.152 | 0.886 |
| 1346 | 05/04/2017 | 17 | 0.702 | 7.064 | 14.027 | 0.859 | 1.240 | 0.937 |
| 1347 | 25/03/2017 | 9 | 0.701 | 8.022 | 14.841 | 0.787 | 1.274 | 0.909 |
| 1348 | 23/08/2017 | 21 | 0.701 | 8.040 | 10.240 | 0.753 | 1.144 | 0.834 |
| 1349 | 22/04/2017 | 16 | 0.700 | 5.839 | 15.754 | 0.891 | 1.309 | 0.920 |
| 1350 | 09/10/2017 | 23 | 0.700 | 8.835 | 12.337 | 0.718 | 1.121 | 0.870 |
| 1351 | 09/04/2017 | 5 | 0.699 | 9.585 | 17.356 | 0.771 | 1.253 | 0.872 |
| 1352 | 17/04/2017 | 5 | 0.698 | 11.276 | 17.067 | 0.758 | 1.063 | 0.869 |
| 1353 | 05/09/2017 | 17 | 0.698 | 6.897 | 17.067 | 0.798 | 1.247 | 0.899 |
| 1354 | 14/06/2017 | 17 | 0.697 | 6.495 | 10.039 | 0.764 | 1.254 | 0.893 |
| 1355 | 06/08/2017 | 10 | 0.697 | 6.433 | 7.314 | 0.737 | 1.200 | 0.873 |
| 1356 | 29/09/2017 | 21 | 0.697 | 8.493 | 12.488 | 0.748 | 0.996 | 0.840 |
| 1357 | 27/04/2017 | 21 | 0.696 | 7.844 | 12.642 | 0.806 | 1.264 | 0.929 |
| 1358 | 02/06/2017 | 3 | 0.695 | 8.470 | 19.692 | 0.780 | 1.340 | 0.890 |
| 1359 | 27/07/2017 | 17 | 0.695 | 9.403 | 17.067 | 0.870 | 1.392 | 0.977 |
| 1360 | 17/04/2017 | 11 | 0.694 | 7.492 | 16.787 | 0.874 | 1.370 | 0.971 |
| 1361 | 18/09/2017 | 22 | 0.694 | 7.521 | 11.011 | 0.745 | 1.168 | 0.897 |
| 1362 | 15/05/2017 | 9 | 0.693 | 9.068 | 11.770 | 0.745 | 1.152 | 0.885 |
| 1363 | 24/06/2017 | 21 | 0.693 | 7.538 | 13.128 | 0.760 | 1.127 | 0.890 |
| 1364 | 05/09/2017 | 8 | 0.693 | 6.978 | 8.325 | 0.739 | 1.102 | 0.845 |
| 1365 | 26/03/2017 | 0 | 0.692 | 9.690 | 13.653 | 0.726 | 1.210 | 0.913 |
| 1366 | 27/04/2017 | 9 | 0.692 | 8.276 | 13.653 | 0.759 | 1.088 | 0.874 |
| 1367 | 25/06/2017 | 6 | 0.692 | 8.751 | 13.299 | 0.743 | 1.149 | 0.847 |
| 1368 | 25/07/2017 | 17 | 0.692 | 6.704 | 6.400 | 0.733 | 1.040 | 0.855 |



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|------|------------|----|-------|--------|--------|-------|-------|-------|
| 1369 | 04/08/2017 | 4 | 0.692 | 8.260 | 13.128 | 0.760 | 1.304 | 0.941 |
| 1370 | 26/09/2017 | 21 | 0.691 | 7.622 | 10.139 | 0.741 | 1.058 | 0.865 |
| 1371 | 28/03/2017 | 10 | 0.690 | 9.354 | 12.642 | 0.725 | 1.156 | 0.932 |
| 1372 | 15/04/2017 | 14 | 0.690 | 10.753 | 14.027 | 0.729 | 1.061 | 0.862 |
| 1373 | 16/04/2017 | 17 | 0.690 | 8.439 | 17.655 | 0.846 | 1.285 | 0.988 |
| 1374 | 06/08/2017 | 13 | 0.690 | 6.789 | 7.211 | 0.734 | 1.065 | 0.862 |
| 1375 | 31/03/2017 | 10 | 0.689 | 8.653 | 13.653 | 0.769 | 1.087 | 0.883 |
| 1376 | 23/08/2017 | 18 | 0.689 | 8.780 | 10.240 | 0.715 | 1.274 | 0.869 |
| 1377 | 19/09/2017 | 22 | 0.689 | 8.009 | 11.253 | 0.740 | 1.114 | 0.850 |
| 1378 | 01/06/2017 | 12 | 0.688 | 7.503 | 13.299 | 0.777 | 1.232 | 0.927 |
| 1379 | 27/09/2017 | 12 | 0.688 | 7.154 | 9.143 | 0.723 | 1.150 | 0.873 |
| 1380 | 10/10/2017 | 8 | 0.688 | 9.904 | 12.488 | 0.723 | 1.002 | 0.819 |
| 1381 | 03/04/2017 | 23 | 0.686 | 9.266 | 14.423 | 0.757 | 1.129 | 0.904 |
| 1382 | 17/05/2017 | 7 | 0.686 | 6.019 | 13.128 | 0.823 | 1.257 | 0.877 |
| 1383 | 01/06/2017 | 21 | 0.685 | 8.310 | 12.337 | 0.730 | 1.132 | 0.886 |
| 1384 | 19/10/2017 | 13 | 0.684 | 7.726 | 13.474 | 0.739 | 1.128 | 0.851 |
| 1385 | 03/04/2017 | 7 | 0.683 | 10.239 | 13.838 | 0.722 | 1.035 | 0.839 |
| 1386 | 04/05/2017 | 21 | 0.683 | 9.697 | 15.059 | 0.742 | 1.022 | 0.848 |
| 1387 | 09/05/2017 | 20 | 0.682 | 6.115 | 6.781 | 0.764 | 1.354 | 0.894 |
| 1388 | 27/07/2017 | 11 | 0.682 | 8.666 | 17.965 | 0.794 | 1.059 | 0.865 |
| 1389 | 31/03/2017 | 22 | 0.681 | 7.788 | 13.838 | 0.768 | 1.369 | 0.909 |
| 1390 | 29/04/2017 | 12 | 0.681 | 9.331 | 11.636 | 0.746 | 1.250 | 0.847 |
| 1391 | 22/08/2017 | 15 | 0.681 | 6.539 | 11.253 | 0.761 | 1.218 | 0.862 |
| 1392 | 19/09/2017 | 1 | 0.681 | 8.034 | 10.894 | 0.738 | 1.344 | 0.939 |
| 1393 | 28/09/2017 | 3 | 0.681 | 7.479 | 11.378 | 0.703 | 1.009 | 0.835 |
| 1394 | 08/04/2017 | 14 | 0.680 | 7.070 | 13.128 | 0.818 | 1.267 | 0.882 |
| 1395 | 10/10/2017 | 14 | 0.680 | 10.817 | 13.653 | 0.726 | 1.215 | 0.876 |
| 1396 | 11/04/2017 | 8 | 0.679 | 9.041 | 14.841 | 0.752 | 1.020 | 0.837 |
| 1397 | 28/06/2017 | 3 | 0.679 | 9.566 | 18.618 | 0.788 | 1.186 | 0.891 |
| 1398 | 27/03/2017 | 13 | 0.678 | 6.822 | 13.299 | 0.829 | 1.440 | 0.940 |
| 1399 | 20/04/2017 | 9 | 0.678 | 10.482 | 15.754 | 0.779 | 1.680 | 0.919 |
| 1400 | 14/05/2017 | 21 | 0.678 | 7.499 | 13.128 | 0.766 | 1.231 | 0.912 |
| 1401 | 14/06/2017 | 1 | 0.678 | 5.787 | 10.557 | 0.800 | 1.181 | 0.861 |
| 1402 | 20/04/2017 | 15 | 0.677 | 6.622 | 14.222 | 0.854 | 1.581 | 0.962 |
| 1403 | 20/09/2017 | 1 | 0.677 | 8.290 | 9.846 | 0.692 | 1.055 | 0.852 |
| 1404 | 23/04/2017 | 11 | 0.676 | 10.443 | 14.423 | 0.702 | 1.115 | 0.893 |
| 1405 | 05/07/2017 | 0 | 0.675 | 5.753 | 13.474 | 0.783 | 1.129 | 0.839 |



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|------|------------|----|-------|--------|--------|-------|-------|-------|
| 1406 | 01/10/2017 | 6 | 0.675 | 7.189 | 12.962 | 0.771 | 1.083 | 0.852 |
| 1407 | 11/04/2017 | 11 | 0.674 | 8.188 | 14.027 | 0.771 | 1.226 | 0.910 |
| 1408 | 29/04/2017 | 15 | 0.674 | 6.441 | 18.286 | 0.842 | 1.374 | 0.904 |
| 1409 | 09/04/2017 | 8 | 0.673 | 9.160 | 17.356 | 0.740 | 1.095 | 0.871 |
| 1410 | 27/04/2017 | 0 | 0.673 | 8.924 | 13.474 | 0.742 | 1.047 | 0.842 |
| 1411 | 07/08/2017 | 23 | 0.673 | 6.006 | 13.838 | 0.774 | 1.088 | 0.841 |
| 1412 | 08/08/2017 | 9 | 0.673 | 8.990 | 19.692 | 0.774 | 1.169 | 0.853 |
| 1413 | 26/09/2017 | 11 | 0.673 | 6.304 | 10.343 | 0.770 | 1.288 | 0.908 |
| 1414 | 14/05/2017 | 6 | 0.672 | 8.726 | 13.128 | 0.724 | 1.174 | 0.866 |
| 1415 | 14/04/2017 | 14 | 0.671 | 5.525 | 13.838 | 0.808 | 1.328 | 0.923 |
| 1416 | 05/08/2017 | 13 | 0.671 | 4.658 | 11.907 | 0.810 | 1.304 | 0.861 |
| 1417 | 28/09/2017 | 15 | 0.671 | 4.876 | 16.787 | 0.823 | 1.214 | 0.859 |
| 1418 | 31/03/2017 | 13 | 0.670 | 8.894 | 14.027 | 0.762 | 1.164 | 0.861 |
| 1419 | 14/05/2017 | 18 | 0.670 | 8.063 | 12.962 | 0.745 | 1.168 | 0.864 |
| 1420 | 15/05/2017 | 3 | 0.670 | 9.658 | 12.800 | 0.728 | 1.041 | 0.854 |
| 1421 | 16/05/2017 | 12 | 0.670 | 4.959 | 14.629 | 0.811 | 1.390 | 0.873 |
| 1422 | 01/04/2017 | 7 | 0.669 | 11.383 | 14.222 | 0.710 | 1.023 | 0.844 |
| 1423 | 12/04/2017 | 18 | 0.669 | 6.649 | 12.800 | 0.777 | 1.177 | 0.867 |
| 1424 | 29/04/2017 | 18 | 0.669 | 7.661 | 11.636 | 0.789 | 1.308 | 0.848 |
| 1425 | 03/04/2017 | 16 | 0.667 | 5.601 | 14.629 | 0.854 | 1.258 | 0.906 |
| 1426 | 20/04/2017 | 18 | 0.667 | 6.048 | 14.222 | 0.849 | 1.288 | 0.918 |
| 1427 | 06/09/2017 | 5 | 0.667 | 7.811 | 6.781 | 0.734 | 1.207 | 0.815 |
| 1428 | 10/10/2017 | 2 | 0.667 | 9.688 | 12.800 | 0.709 | 1.378 | 0.881 |
| 1429 | 11/04/2017 | 5 | 0.666 | 10.815 | 15.059 | 0.706 | 0.949 | 0.805 |
| 1430 | 20/04/2017 | 0 | 0.666 | 10.766 | 14.027 | 0.764 | 1.171 | 0.967 |
| 1431 | 20/04/2017 | 21 | 0.666 | 8.681 | 17.655 | 0.771 | 1.402 | 0.904 |
| 1432 | 16/05/2017 | 22 | 0.666 | 8.068 | 13.838 | 0.726 | 0.995 | 0.826 |
| 1433 | 26/06/2017 | 6 | 0.666 | 8.754 | 14.629 | 0.725 | 1.234 | 0.851 |
| 1434 | 28/04/2017 | 12 | 0.665 | 9.032 | 12.488 | 0.723 | 0.997 | 0.838 |
| 1435 | 27/09/2017 | 3 | 0.664 | 7.522 | 12.047 | 0.708 | 1.308 | 0.875 |
| 1436 | 13/06/2017 | 10 | 0.663 | 5.767 | 9.942 | 0.747 | 1.217 | 0.878 |
| 1437 | 14/06/2017 | 11 | 0.663 | 6.217 | 14.629 | 0.744 | 1.124 | 0.838 |
| 1438 | 26/09/2017 | 8 | 0.662 | 7.870 | 9.752 | 0.710 | 1.183 | 0.823 |
| 1439 | 25/03/2017 | 3 | 0.661 | 10.212 | 13.653 | 0.715 | 1.228 | 0.877 |
| 1440 | 24/04/2017 | 2 | 0.661 | 10.626 | 18.286 | 0.728 | 1.079 | 0.842 |
| 1441 | 27/07/2017 | 5 | 0.661 | 7.344 | 18.286 | 0.813 | 1.174 | 0.862 |
| 1442 | 26/09/2017 | 2 | 0.661 | 7.892 | 9.660 | 0.726 | 1.063 | 0.814 |



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|------|------------|----|-------|--------|--------|-------|-------|-------|
| 1443 | 05/04/2017 | 8 | 0.660 | 10.743 | 14.423 | 0.709 | 1.037 | 0.831 |
| 1444 | 15/04/2017 | 11 | 0.660 | 7.447 | 13.299 | 0.782 | 1.161 | 0.907 |
| 1445 | 23/04/2017 | 2 | 0.660 | 9.116 | 15.059 | 0.760 | 1.315 | 0.932 |
| 1446 | 02/10/2017 | 21 | 0.660 | 7.481 | 16.254 | 0.756 | 1.427 | 0.832 |
| 1447 | 15/05/2017 | 21 | 0.659 | 6.250 | 11.253 | 0.765 | 1.266 | 0.830 |
| 1448 | 27/07/2017 | 14 | 0.659 | 8.112 | 17.067 | 0.760 | 1.101 | 0.886 |
| 1449 | 26/09/2017 | 17 | 0.659 | 6.037 | 9.942 | 0.723 | 1.202 | 0.882 |
| 1450 | 01/10/2017 | 9 | 0.658 | 6.858 | 12.642 | 0.736 | 1.090 | 0.828 |
| 1451 | 19/04/2017 | 8 | 0.657 | 10.754 | 14.841 | 0.717 | 1.554 | 0.905 |
| 1452 | 20/04/2017 | 12 | 0.656 | 8.760 | 17.067 | 0.712 | 1.090 | 0.880 |
| 1453 | 04/04/2017 | 11 | 0.654 | 10.761 | 13.838 | 0.688 | 1.002 | 0.796 |
| 1454 | 10/04/2017 | 14 | 0.654 | 9.341 | 16.000 | 0.725 | 1.102 | 0.843 |
| 1455 | 10/04/2017 | 20 | 0.654 | 7.041 | 15.284 | 0.802 | 1.197 | 0.858 |
| 1456 | 13/04/2017 | 16 | 0.653 | 4.285 | 16.000 | 0.786 | 1.286 | 0.806 |
| 1457 | 31/03/2017 | 19 | 0.652 | 7.407 | 14.423 | 0.817 | 1.471 | 0.928 |
| 1458 | 02/10/2017 | 3 | 0.652 | 6.106 | 6.872 | 0.721 | 1.146 | 0.856 |
| 1459 | 05/07/2017 | 18 | 0.651 | 8.050 | 13.299 | 0.720 | 1.038 | 0.823 |
| 1460 | 06/07/2017 | 7 | 0.651 | 9.045 | 18.963 | 0.788 | 1.134 | 0.810 |
| 1461 | 01/10/2017 | 21 | 0.651 | 6.369 | 12.642 | 0.715 | 1.002 | 0.834 |
| 1462 | 29/03/2017 | 7 | 0.650 | 9.688 | 13.299 | 0.711 | 1.065 | 0.811 |
| 1463 | 13/06/2017 | 13 | 0.650 | 6.941 | 10.240 | 0.755 | 1.218 | 0.846 |
| 1464 | 03/10/2017 | 15 | 0.650 | 6.117 | 15.754 | 0.809 | 1.275 | 0.876 |
| 1465 | 02/06/2017 | 6 | 0.649 | 8.965 | 18.618 | 0.699 | 1.072 | 0.830 |
| 1466 | 04/08/2017 | 16 | 0.649 | 5.790 | 12.642 | 0.744 | 1.026 | 0.836 |
| 1467 | 30/03/2017 | 1 | 0.648 | 10.146 | 14.027 | 0.684 | 1.115 | 0.813 |
| 1468 | 09/04/2017 | 11 | 0.648 | 10.675 | 17.356 | 0.726 | 1.141 | 0.851 |
| 1469 | 09/05/2017 | 11 | 0.648 | 8.872 | 15.515 | 0.698 | 1.121 | 0.814 |
| 1470 | 06/09/2017 | 2 | 0.648 | 7.578 | 6.737 | 0.701 | 1.142 | 0.774 |
| 1471 | 15/04/2017 | 2 | 0.647 | 10.728 | 12.962 | 0.706 | 1.069 | 0.772 |
| 1472 | 18/04/2017 | 8 | 0.647 | 7.493 | 15.754 | 0.867 | 1.415 | 0.924 |
| 1473 | 16/05/2017 | 9 | 0.647 | 9.072 | 10.779 | 0.689 | 1.042 | 0.811 |
| 1474 | 13/06/2017 | 19 | 0.647 | 7.373 | 10.343 | 0.725 | 1.037 | 0.811 |
| 1475 | 25/03/2017 | 6 | 0.646 | 8.416 | 14.027 | 0.768 | 1.409 | 0.908 |
| 1476 | 09/04/2017 | 14 | 0.646 | 5.387 | 17.356 | 0.821 | 1.470 | 0.876 |
| 1477 | 09/10/2017 | 17 | 0.646 | 7.980 | 12.962 | 0.736 | 1.266 | 0.865 |
| 1478 | 24/06/2017 | 12 | 0.645 | 9.877 | 13.474 | 0.695 | 0.995 | 0.780 |
| 1479 | 05/07/2017 | 3 | 0.645 | 7.397 | 12.962 | 0.724 | 1.099 | 0.809 |



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|------|------------|----|-------|--------|--------|-------|-------|-------|
| 1480 | 04/08/2017 | 19 | 0.645 | 6.590 | 12.488 | 0.752 | 1.231 | 0.859 |
| 1481 | 30/03/2017 | 4 | 0.644 | 8.642 | 13.653 | 0.703 | 1.086 | 0.827 |
| 1482 | 09/05/2017 | 14 | 0.643 | 6.736 | 12.047 | 0.715 | 1.342 | 0.846 |
| 1483 | 20/10/2017 | 1 | 0.643 | 8.095 | 13.838 | 0.699 | 1.191 | 0.776 |
| 1484 | 14/05/2017 | 15 | 0.642 | 8.883 | 13.128 | 0.674 | 0.984 | 0.796 |
| 1485 | 05/08/2017 | 10 | 0.640 | 7.793 | 12.337 | 0.716 | 1.147 | 0.827 |
| 1486 | 26/09/2017 | 5 | 0.639 | 8.026 | 9.846 | 0.691 | 1.087 | 0.811 |
| 1487 | 03/10/2017 | 21 | 0.638 | 8.714 | 15.059 | 0.715 | 1.339 | 0.812 |
| 1488 | 31/03/2017 | 4 | 0.637 | 9.963 | 14.027 | 0.677 | 1.198 | 0.839 |
| 1489 | 30/03/2017 | 10 | 0.636 | 9.225 | 13.838 | 0.689 | 1.203 | 0.827 |
| 1490 | 16/04/2017 | 2 | 0.636 | 9.637 | 17.356 | 0.741 | 0.992 | 0.809 |
| 1491 | 23/04/2017 | 23 | 0.635 | 10.662 | 15.059 | 0.702 | 1.113 | 0.789 |
| 1492 | 03/10/2017 | 9 | 0.635 | 8.377 | 15.754 | 0.700 | 1.131 | 0.811 |
| 1493 | 29/03/2017 | 4 | 0.634 | 9.708 | 12.488 | 0.682 | 0.942 | 0.806 |
| 1494 | 02/10/2017 | 9 | 0.634 | 8.081 | 12.337 | 0.683 | 0.996 | 0.816 |
| 1495 | 14/06/2017 | 4 | 0.633 | 7.202 | 11.011 | 0.689 | 1.156 | 0.835 |
| 1496 | 27/06/2017 | 0 | 0.633 | 7.585 | 13.299 | 0.710 | 1.147 | 0.846 |
| 1497 | 04/08/2017 | 10 | 0.633 | 5.941 | 12.190 | 0.750 | 1.086 | 0.845 |
| 1498 | 25/08/2017 | 3 | 0.633 | 8.368 | 9.143 | 0.693 | 1.011 | 0.774 |
| 1499 | 28/09/2017 | 0 | 0.633 | 7.152 | 6.440 | 0.692 | 1.085 | 0.810 |
| 1500 | 09/05/2017 | 8 | 0.632 | 6.930 | 12.642 | 0.694 | 1.041 | 0.808 |
| 1501 | 28/06/2017 | 0 | 0.631 | 8.778 | 17.067 | 0.746 | 1.035 | 0.807 |
| 1502 | 08/04/2017 | 8 | 0.630 | 6.304 | 13.299 | 0.761 | 1.184 | 0.850 |
| 1503 | 01/04/2017 | 4 | 0.629 | 10.693 | 13.653 | 0.652 | 0.964 | 0.756 |
| 1504 | 18/04/2017 | 17 | 0.629 | 6.308 | 15.754 | 0.794 | 1.271 | 0.830 |
| 1505 | 27/06/2017 | 15 | 0.629 | 9.291 | 11.907 | 0.696 | 1.044 | 0.768 |
| 1506 | 03/07/2017 | 20 | 0.627 | 8.214 | 10.039 | 0.698 | 1.108 | 0.815 |
| 1507 | 05/08/2017 | 22 | 0.626 | 7.848 | 11.907 | 0.649 | 1.031 | 0.785 |
| 1508 | 05/09/2017 | 11 | 0.626 | 7.040 | 8.828 | 0.662 | 0.987 | 0.759 |
| 1509 | 05/09/2017 | 5 | 0.625 | 7.706 | 13.128 | 0.666 | 0.937 | 0.769 |
| 1510 | 04/10/2017 | 0 | 0.625 | 9.880 | 14.629 | 0.667 | 0.958 | 0.785 |
| 1511 | 04/10/2017 | 13 | 0.625 | 8.364 | 14.423 | 0.675 | 0.928 | 0.749 |
| 1512 | 30/03/2017 | 13 | 0.624 | 8.815 | 13.474 | 0.696 | 1.233 | 0.860 |
| 1513 | 01/04/2017 | 16 | 0.624 | 7.433 | 13.474 | 0.733 | 1.328 | 0.847 |
| 1514 | 10/04/2017 | 8 | 0.624 | 9.257 | 16.516 | 0.706 | 0.962 | 0.784 |
| 1515 | 11/04/2017 | 14 | 0.624 | 5.994 | 14.629 | 0.801 | 1.315 | 0.845 |
| 1516 | 16/04/2017 | 20 | 0.624 | 10.227 | 17.356 | 0.714 | 1.155 | 0.808 |



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| 1517 | 18/04/2017 | 11 | 0.624 | 7.404 | 15.754 | 0.769 | 1.291 | 0.846 |
| 1518 | 19/04/2017 | 2 | 0.623 | 8.996 | 15.284 | 0.700 | 1.330 | 0.844 |
| 1519 | 04/04/2017 | 17 | 0.622 | 6.025 | 13.653 | 0.773 | 1.146 | 0.818 |
| 1520 | 05/04/2017 | 5 | 0.622 | 9.370 | 14.027 | 0.690 | 1.098 | 0.824 |
| 1521 | 13/06/2017 | 22 | 0.622 | 6.846 | 9.309 | 0.689 | 1.047 | 0.807 |
| 1522 | 15/04/2017 | 17 | 0.621 | 8.431 | 13.653 | 0.746 | 1.160 | 0.814 |
| 1523 | 06/09/2017 | 11 | 0.620 | 7.759 | 15.515 | 0.692 | 0.964 | 0.733 |
| 1524 | 28/03/2017 | 4 | 0.619 | 9.896 | 13.299 | 0.672 | 0.958 | 0.787 |
| 1525 | 28/04/2017 | 0 | 0.619 | 11.465 | 13.838 | 0.651 | 0.883 | 0.760 |
| 1526 | 25/06/2017 | 15 | 0.619 | 5.914 | 12.800 | 0.730 | 1.122 | 0.834 |
| 1527 | 15/04/2017 | 20 | 0.618 | 9.503 | 18.618 | 0.693 | 1.010 | 0.805 |
| 1528 | 25/07/2017 | 7 | 0.618 | 7.554 | 14.222 | 0.671 | 1.005 | 0.766 |
| 1529 | 15/05/2017 | 0 | 0.617 | 6.849 | 12.642 | 0.725 | 1.187 | 0.807 |
| 1530 | 03/04/2017 | 19 | 0.616 | 5.786 | 14.629 | 0.770 | 1.170 | 0.820 |
| 1531 | 22/04/2017 | 23 | 0.616 | 8.123 | 14.841 | 0.724 | 1.248 | 0.855 |
| 1532 | 25/07/2017 | 10 | 0.616 | 6.462 | 6.321 | 0.666 | 1.013 | 0.768 |
| 1533 | 15/05/2017 | 15 | 0.615 | 6.019 | 12.047 | 0.723 | 1.047 | 0.812 |
| 1534 | 08/08/2017 | 6 | 0.615 | 8.353 | 20.078 | 0.735 | 1.137 | 0.807 |
| 1535 | 04/04/2017 | 2 | 0.614 | 8.627 | 13.653 | 0.669 | 1.207 | 0.783 |
| 1536 | 26/06/2017 | 3 | 0.613 | 6.920 | 14.423 | 0.730 | 1.167 | 0.812 |
| 1537 | 06/09/2017 | 23 | 0.613 | 7.323 | 14.222 | 0.678 | 1.024 | 0.763 |
| 1538 | 29/03/2017 | 22 | 0.612 | 6.432 | 13.474 | 0.670 | 1.043 | 0.764 |
| 1539 | 04/04/2017 | 23 | 0.612 | 8.963 | 13.653 | 0.667 | 1.149 | 0.776 |
| 1540 | 21/04/2017 | 21 | 0.612 | 7.900 | 16.254 | 0.791 | 1.262 | 0.858 |
| 1541 | 02/10/2017 | 18 | 0.612 | 7.246 | 6.649 | 0.675 | 1.046 | 0.778 |
| 1542 | 28/03/2017 | 22 | 0.611 | 7.358 | 12.488 | 0.715 | 1.053 | 0.826 |
| 1543 | 29/03/2017 | 1 | 0.611 | 9.824 | 12.800 | 0.648 | 1.121 | 0.794 |
| 1544 | 26/07/2017 | 8 | 0.611 | 6.999 | 6.919 | 0.650 | 0.930 | 0.731 |
| 1545 | 17/05/2017 | 1 | 0.610 | 6.743 | 13.653 | 0.704 | 1.045 | 0.804 |
| 1546 | 30/03/2017 | 22 | 0.609 | 6.677 | 14.222 | 0.707 | 0.988 | 0.788 |
| 1547 | 12/04/2017 | 15 | 0.609 | 4.671 | 12.800 | 0.762 | 1.176 | 0.811 |
| 1548 | 03/10/2017 | 3 | 0.609 | 9.008 | 16.254 | 0.661 | 0.922 | 0.782 |
| 1549 | 05/09/2017 | 2 | 0.608 | 7.210 | 13.299 | 0.675 | 0.941 | 0.738 |
| 1550 | 27/09/2017 | 6 | 0.608 | 8.319 | 12.642 | 0.685 | 1.108 | 0.733 |
| 1551 | 25/03/2017 | 12 | 0.605 | 6.709 | 13.653 | 0.774 | 1.138 | 0.849 |
| 1552 | 25/06/2017 | 0 | 0.605 | 8.702 | 12.800 | 0.674 | 1.052 | 0.736 |
| 1553 | 25/06/2017 | 9 | 0.604 | 8.403 | 13.474 | 0.673 | 0.975 | 0.778 |



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|------|------------|----|-------|--------|--------|-------|-------|-------|
| 1554 | 25/07/2017 | 4 | 0.603 | 6.893 | 6.693 | 0.647 | 1.050 | 0.741 |
| 1555 | 18/04/2017 | 23 | 0.602 | 7.009 | 15.059 | 0.719 | 1.060 | 0.793 |
| 1556 | 14/04/2017 | 23 | 0.601 | 9.099 | 13.299 | 0.637 | 0.958 | 0.755 |
| 1557 | 20/04/2017 | 6 | 0.601 | 8.228 | 14.027 | 0.650 | 0.931 | 0.755 |
| 1558 | 06/07/2017 | 3 | 0.601 | 8.416 | 17.655 | 0.665 | 0.914 | 0.754 |
| 1559 | 16/05/2017 | 3 | 0.600 | 8.738 | 11.011 | 0.631 | 0.888 | 0.741 |
| 1560 | 19/08/2017 | 0 | 0.600 | 7.794 | 10.343 | 0.618 | 0.921 | 0.757 |
| 1561 | 29/09/2017 | 6 | 0.600 | 9.986 | 12.962 | 0.625 | 0.906 | 0.718 |
| 1562 | 02/10/2017 | 12 | 0.600 | 7.528 | 11.506 | 0.678 | 1.223 | 0.770 |
| 1563 | 31/03/2017 | 1 | 0.598 | 9.119 | 13.653 | 0.670 | 1.298 | 0.804 |
| 1564 | 18/04/2017 | 20 | 0.598 | 6.104 | 16.000 | 0.734 | 1.041 | 0.788 |
| 1565 | 29/09/2017 | 3 | 0.598 | 9.139 | 13.474 | 0.645 | 1.062 | 0.796 |
| 1566 | 04/04/2017 | 20 | 0.594 | 7.791 | 13.838 | 0.675 | 1.258 | 0.819 |
| 1567 | 21/04/2017 | 9 | 0.593 | 10.702 | 16.787 | 0.683 | 0.982 | 0.750 |
| 1568 | 07/08/2017 | 8 | 0.593 | 6.357 | 6.693 | 0.655 | 0.986 | 0.735 |
| 1569 | 25/03/2017 | 15 | 0.592 | 6.276 | 14.027 | 0.749 | 1.166 | 0.817 |
| 1570 | 03/10/2017 | 18 | 0.592 | 7.034 | 15.284 | 0.677 | 1.068 | 0.782 |
| 1571 | 04/09/2017 | 23 | 0.591 | 6.999 | 7.062 | 0.655 | 1.121 | 0.731 |
| 1572 | 12/04/2017 | 6 | 0.590 | 9.235 | 13.128 | 0.628 | 0.994 | 0.776 |
| 1573 | 29/09/2017 | 12 | 0.590 | 8.726 | 13.474 | 0.642 | 0.843 | 0.723 |
| 1574 | 13/04/2017 | 1 | 0.589 | 11.404 | 12.800 | 0.616 | 1.021 | 0.720 |
| 1575 | 09/10/2017 | 8 | 0.588 | 9.926 | 13.653 | 0.647 | 1.105 | 0.768 |
| 1576 | 29/03/2017 | 10 | 0.586 | 8.077 | 12.190 | 0.690 | 1.033 | 0.766 |
| 1577 | 25/06/2017 | 3 | 0.586 | 8.334 | 13.474 | 0.654 | 1.014 | 0.782 |
| 1578 | 09/10/2017 | 14 | 0.586 | 8.626 | 12.800 | 0.656 | 1.090 | 0.722 |
| 1579 | 15/05/2017 | 18 | 0.585 | 6.358 | 11.506 | 0.644 | 1.011 | 0.747 |
| 1580 | 25/06/2017 | 12 | 0.585 | 10.441 | 13.128 | 0.606 | 0.833 | 0.708 |
| 1581 | 12/04/2017 | 9 | 0.584 | 7.711 | 12.962 | 0.647 | 1.022 | 0.755 |
| 1582 | 05/07/2017 | 12 | 0.584 | 7.524 | 12.962 | 0.619 | 0.994 | 0.742 |
| 1583 | 05/08/2017 | 7 | 0.584 | 7.275 | 12.488 | 0.658 | 1.083 | 0.770 |
| 1584 | 28/09/2017 | 12 | 0.584 | 7.684 | 16.787 | 0.633 | 0.817 | 0.731 |
| 1585 | 02/10/2017 | 15 | 0.582 | 8.320 | 12.962 | 0.643 | 0.977 | 0.750 |
| 1586 | 25/03/2017 | 0 | 0.581 | 9.152 | 12.337 | 0.628 | 1.151 | 0.737 |
| 1587 | 05/07/2017 | 6 | 0.581 | 7.554 | 12.962 | 0.644 | 0.923 | 0.742 |
| 1588 | 27/09/2017 | 18 | 0.581 | 6.277 | 11.770 | 0.649 | 1.015 | 0.734 |
| 1589 | 28/09/2017 | 9 | 0.581 | 8.297 | 11.636 | 0.627 | 0.986 | 0.734 |
| 1590 | 04/08/2017 | 22 | 0.580 | 8.785 | 12.800 | 0.605 | 1.029 | 0.721 |



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| 1591 | 06/08/2017 | 23 | 0.580 | 6.746 | 10.139 | 0.621 | 0.911 | 0.696 |
| 1592 | 07/08/2017 | 11 | 0.580 | 6.677 | 6.206 | 0.639 | 1.057 | 0.723 |
| 1593 | 30/03/2017 | 7 | 0.579 | 9.064 | 12.962 | 0.593 | 0.915 | 0.742 |
| 1594 | 06/07/2017 | 0 | 0.579 | 8.468 | 17.655 | 0.639 | 0.929 | 0.741 |
| 1595 | 14/06/2017 | 7 | 0.578 | 6.902 | 11.253 | 0.650 | 0.953 | 0.701 |
| 1596 | 07/08/2017 | 5 | 0.577 | 6.501 | 6.966 | 0.640 | 0.971 | 0.716 |
| 1597 | 07/08/2017 | 2 | 0.575 | 5.891 | 7.585 | 0.627 | 0.895 | 0.736 |
| 1598 | 07/04/2017 | 23 | 0.573 | 7.972 | 13.653 | 0.686 | 1.194 | 0.817 |
| 1599 | 04/09/2017 | 11 | 0.573 | 8.133 | 10.667 | 0.640 | 0.908 | 0.728 |
| 1600 | 29/09/2017 | 9 | 0.573 | 8.777 | 13.128 | 0.620 | 0.894 | 0.735 |
| 1601 | 25/06/2017 | 21 | 0.572 | 6.598 | 12.190 | 0.647 | 1.106 | 0.770 |
| 1602 | 28/03/2017 | 1 | 0.571 | 8.752 | 12.800 | 0.617 | 1.030 | 0.716 |
| 1603 | 16/05/2017 | 6 | 0.570 | 8.648 | 11.011 | 0.612 | 0.969 | 0.715 |
| 1604 | 05/09/2017 | 23 | 0.570 | 7.457 | 7.262 | 0.622 | 1.049 | 0.717 |
| 1605 | 01/06/2017 | 18 | 0.568 | 7.507 | 12.962 | 0.661 | 0.964 | 0.752 |
| 1606 | 04/04/2017 | 8 | 0.565 | 10.175 | 14.222 | 0.605 | 1.080 | 0.731 |
| 1607 | 07/08/2017 | 17 | 0.565 | 6.909 | 6.360 | 0.627 | 1.026 | 0.707 |
| 1608 | 14/04/2017 | 11 | 0.564 | 8.273 | 13.653 | 0.615 | 1.014 | 0.749 |
| 1609 | 05/07/2017 | 21 | 0.563 | 8.253 | 15.059 | 0.601 | 0.859 | 0.681 |
| 1610 | 03/10/2017 | 6 | 0.561 | 7.728 | 16.787 | 0.616 | 0.930 | 0.725 |
| 1611 | 12/04/2017 | 21 | 0.560 | 7.542 | 12.337 | 0.642 | 0.938 | 0.706 |
| 1612 | 19/04/2017 | 21 | 0.558 | 9.979 | 14.222 | 0.632 | 1.002 | 0.729 |
| 1613 | 26/06/2017 | 9 | 0.558 | 7.746 | 14.222 | 0.651 | 1.090 | 0.738 |
| 1614 | 15/04/2017 | 8 | 0.557 | 8.801 | 13.474 | 0.631 | 1.012 | 0.737 |
| 1615 | 28/09/2017 | 18 | 0.552 | 6.648 | 13.838 | 0.625 | 1.056 | 0.697 |
| 1616 | 27/07/2017 | 2 | 0.550 | 8.078 | 18.286 | 0.591 | 0.881 | 0.667 |
| 1617 | 08/08/2017 | 2 | 0.549 | 5.417 | 13.653 | 0.662 | 1.045 | 0.674 |
| 1618 | 05/07/2017 | 15 | 0.548 | 6.833 | 14.841 | 0.615 | 0.891 | 0.674 |
| 1619 | 16/05/2017 | 15 | 0.545 | 6.228 | 10.667 | 0.659 | 0.991 | 0.728 |
| 1620 | 25/07/2017 | 20 | 0.545 | 6.470 | 11.907 | 0.596 | 0.796 | 0.650 |
| 1621 | 26/07/2017 | 23 | 0.544 | 7.326 | 18.618 | 0.609 | 1.107 | 0.707 |
| 1622 | 05/07/2017 | 9 | 0.541 | 7.536 | 12.962 | 0.606 | 0.986 | 0.716 |
| 1623 | 26/06/2017 | 15 | 0.540 | 7.691 | 15.059 | 0.614 | 0.922 | 0.675 |
| 1624 | 25/07/2017 | 23 | 0.540 | 4.899 | 11.253 | 0.615 | 0.826 | 0.668 |
| 1625 | 26/07/2017 | 11 | 0.539 | 5.334 | 9.752 | 0.609 | 0.902 | 0.678 |
| 1626 | 15/05/2017 | 6 | 0.538 | 8.492 | 12.047 | 0.599 | 0.875 | 0.678 |
| 1627 | 17/05/2017 | 4 | 0.538 | 5.420 | 13.128 | 0.671 | 0.973 | 0.687 |



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|------|------------|----|-------|--------|--------|-------|-------|-------|
| 1628 | 26/07/2017 | 20 | 0.537 | 8.534 | 18.963 | 0.615 | 0.822 | 0.656 |
| 1629 | 05/08/2017 | 1 | 0.536 | 7.407 | 12.642 | 0.585 | 0.865 | 0.674 |
| 1630 | 28/09/2017 | 6 | 0.536 | 8.048 | 9.846 | 0.567 | 0.865 | 0.686 |
| 1631 | 16/05/2017 | 18 | 0.535 | 6.610 | 13.838 | 0.624 | 0.995 | 0.715 |
| 1632 | 15/04/2017 | 5 | 0.527 | 8.467 | 13.474 | 0.565 | 1.067 | 0.682 |
| 1633 | 26/06/2017 | 0 | 0.521 | 8.638 | 12.337 | 0.605 | 0.834 | 0.692 |
| 1634 | 12/04/2017 | 3 | 0.518 | 10.562 | 13.838 | 0.583 | 1.033 | 0.705 |
| 1635 | 14/04/2017 | 2 | 0.516 | 10.559 | 14.423 | 0.543 | 0.815 | 0.619 |
| 1636 | 28/03/2017 | 13 | 0.514 | 5.824 | 12.047 | 0.646 | 0.982 | 0.726 |
| 1637 | 25/07/2017 | 14 | 0.507 | 6.830 | 14.222 | 0.550 | 0.834 | 0.627 |
| 1638 | 29/09/2017 | 0 | 0.507 | 6.303 | 17.067 | 0.587 | 0.816 | 0.626 |
| 1639 | 14/04/2017 | 5 | 0.504 | 9.586 | 14.629 | 0.544 | 0.874 | 0.631 |
| 1640 | 03/10/2017 | 0 | 0.504 | 7.615 | 16.516 | 0.572 | 0.803 | 0.628 |
| 1641 | 13/04/2017 | 13 | 0.497 | 9.591 | 15.754 | 0.563 | 0.840 | 0.660 |
| 1642 | 14/04/2017 | 8 | 0.496 | 8.967 | 14.222 | 0.559 | 0.899 | 0.662 |
| 1643 | 14/04/2017 | 20 | 0.495 | 9.607 | 13.838 | 0.518 | 0.778 | 0.603 |
| 1644 | 12/04/2017 | 0 | 0.494 | 9.623 | 13.299 | 0.545 | 0.863 | 0.667 |
| 1645 | 07/08/2017 | 14 | 0.494 | 5.966 | 6.522 | 0.561 | 0.865 | 0.614 |
| 1646 | 03/10/2017 | 12 | 0.494 | 7.491 | 15.284 | 0.546 | 0.817 | 0.621 |
| 1647 | 26/06/2017 | 12 | 0.490 | 7.120 | 12.190 | 0.560 | 0.950 | 0.613 |
| 1648 | 12/04/2017 | 12 | 0.480 | 9.706 | 13.299 | 0.529 | 0.807 | 0.632 |
| 1649 | 26/07/2017 | 17 | 0.478 | 7.677 | 19.321 | 0.533 | 0.783 | 0.604 |
| 1650 | 13/04/2017 | 19 | 0.477 | 6.983 | 13.474 | 0.556 | 0.850 | 0.634 |
| 1651 | 26/07/2017 | 14 | 0.475 | 8.001 | 19.692 | 0.499 | 0.744 | 0.582 |
| 1652 | 13/04/2017 | 10 | 0.471 | 6.873 | 11.907 | 0.537 | 0.827 | 0.608 |
| 1653 | 13/04/2017 | 7 | 0.469 | 9.100 | 12.488 | 0.537 | 0.870 | 0.629 |
| 1654 | 28/09/2017 | 21 | 0.469 | 7.113 | 10.779 | 0.516 | 0.745 | 0.615 |
| 1655 | 13/04/2017 | 23 | 0.464 | 7.672 | 14.841 | 0.540 | 0.848 | 0.593 |
| 1656 | 26/07/2017 | 5 | 0.464 | 6.273 | 12.962 | 0.539 | 0.846 | 0.581 |
| 1657 | 25/07/2017 | 1 | 0.462 | 7.100 | 6.781 | 0.506 | 0.736 | 0.575 |
| 1658 | 14/04/2017 | 17 | 0.454 | 6.019 | 13.653 | 0.556 | 0.961 | 0.611 |
| 1659 | 13/04/2017 | 4 | 0.449 | 9.691 | 12.642 | 0.489 | 0.704 | 0.555 |
| 1660 | 26/07/2017 | 2 | 0.421 | 6.893 | 12.642 | 0.465 | 0.621 | 0.523 |