

## Sunspot Formation 2020 February

Sunspot 2650 (rotated into view April 8) = old Sunspot 2631 / January 30 / Southern Hemisphere

February 2 (14:15),

January 26 (20:30) – February 2 (14:15), 2020 Triple Line Up Vesta - Mercury – Pallas

February 4 (18:30),

January 30 (10:00) – February 4 (18:30), 2020 Triple Line Up Chiron – Mercury - Juno

**February 5 (00:30)**

February 2 (10:45) – 10 (13:45), 2020 Triple Line Up Saturn - Ceres - Mercury

February 3 (16:00) – 11 (11:00), 2020 Triple Line Up Pluto - Ceres – Mercury

February 4 (00:30) – 6 (13:45), 2020 Triple Line Up Venus – Mercury - Pallas

**February 5 (00:30) – (17:00), 2020: Conjunction Mercury – Uranus and the Sun**

February 5 (17:00),

February 5 (00:30) – (17:00), 2020: Conjunction Mercury – Uranus and the Sun

February 6 (13:45),

February 4 (00:30) – 6 (13:45), 2020 Triple Line Up Venus – Mercury - Pallas

**February 7 (22:00) – 8 (15:00), 2020: Opposition Mercury - Mars across the Sun  
Unused**

February 8 (15:00),

February 7 (22:00) – 8 (15:00), 2020: Opposition Mercury - Mars across the Sun

**February 10 (07:15)**

February 7 (06:00) – March 8 (17:00), 2020 Triple Line Up Pluto - Saturn – Venus

February 8 (15:45) – 12 (00:30), 2020 Triple Line Up Earth - Venus - Chiron

February 9 (07:45) – 11 (22:00), 2020 Triple Line Up Vesta - Venus – Mercury

February 2 (10:45) – 10 (13:45), 2020 Triple Line Up Saturn - Ceres – Mercury??

February 3 (16:00) – 11 (11:00), 2020 Triple Line Up Pluto - Ceres – Mercury??

February 8 (15:45) – 12 (00:30), 2020 Triple Line Up Earth - Venus - Chiron

February 9 (07:45) – 11 (22:00), 2020 Triple Line Up Vesta - Venus – Mercury

**February 10 (07:15) – 12 (09:00), 2020: Conjunction Venus - Vesta and the Sun**

**February 10 (18:45) – 11 (06:30), 2020: Conjunction Venus - Mercury and the Sun**

**February 10 (19:15) – 11 (09:15), 2020: Conjunction Vesta - Mercury and the Sun**

February 12 (03:00) – 20 (15:00), 2020 Triple Line Up Saturn - Ceres - Venus

February 10 (13:45), ????

February 2 (10:45) – 10 (13:45), 2020 Triple Line Up Saturn - Ceres – Mercury

February 11 (06:30),

February 10 (18:45) – 11 (06:30), 2020: Conjunction Venus - Mercury and the Sun

February 11 (09:15),

February 10 (19:15) – 11 (09:15), 2020: Conjunction Vesta - Mercury and the Sun

February 11 (11:00), ????

February 3 (16:00) – 11 (11:00), 2020 Triple Line Up Pluto - Ceres – Mercury

February 11 (22:00),

February 9 (07:45) – 11 (22:00), 2020 Triple Line Up Vesta - Venus – Mercury

February 12 (09:00),

February 10 (07:15) – 12 (09:00), 2020: Conjunction Venus - Vesta and the Sun

**February 13 (00:45)**

January 24 (03:00) – March 11, 2021 (11:00), 2020 Triple Line Up Pluto - Jupiter – Pallas

**February 13 (00:45) – (16:30), 2020: Opposition Mercury - Pallas across the Sun**

February 13 (16:30),

February 13 (00:45) – (16:30), 2020: Opposition Mercury - Pallas across the Sun

**February 15 (10:00)**

February 14 (13:45) – 16 (03:30), 2020 Triple Line Up Venus – Mercury - Mars

**February 15 (10:00) – 16 (02:00), 2020: Opposition Mercury - Jupiter across the Sun**

February 16 (02:00),

February 15 (10:00) – 16 (02:00), 2020: Opposition Mercury - Jupiter across the Sun

February 16 (03:30),

February 14 (13:45) – 16 (03:30), 2020 Triple Line Up Venus – Mercury - Mars

**February 17 (14:00)**

February 13 (12:15) – 22 (08:30), 2020 Triple Line Up Pluto - Ceres – Venus

February 17 (00:15) – 19 (11:30), 2020 Triple Line Up Vesta – Mercury - Mars

**February 17 (14:00) – 18 (06:00), 2020: Opposition Mercury - Pluto across the Sun**

**February 17 (17:45) – 18 (10:00), 2020: Opposition Mercury - Saturn across the Sun**

February 18 (06:00),

February 17 (14:00) – 18 (06:00), 2020: Opposition Mercury - Pluto across the Sun

February 18 (10:00),

February 17 (17:45) – 18 (10:00), 2020: Opposition Mercury - Saturn across the Sun

**February 18 (17:30) – 19 (10:15), 2020: Opposition Mercury - Ceres across the Sun  
Unused**

February 19 (10:15),  
February 18 (17:30) – 19 (10:15), 2020: Opposition Mercury - Ceres across the Sun

February 19 (11:30),  
February 17 (00:15) – 19 (11:30), 2020 Triple Line Up Vesta – Mercury - Mars

**February 19 (16:00)**

February 19 (12:00) – 22 (11:45), 2020 Triple Line Up Vesta - Venus – Mars

**February 19 (16:00) – 22 (11:30), 2020: Opposition Venus - Pallas across the Sun**

February 20 (15:00),  
February 12 (03:00) – 20 (15:00), 2020 Triple Line Up Saturn - Ceres - Venus

February 22 (08:30),  
February 13 (12:15) – 22 (08:30), 2020 Triple Line Up Pluto - Ceres – Venus

February 22 (11:30),  
February 19 (16:00) – 22 (11:30), 2020: Opposition Venus - Pallas across the Sun

February 22 (11:45),  
February 19 (12:00) – 22 (11:45), 2020 Triple Line Up Vesta - Venus – Mars

February 20 (22:30),  
November 20 (16:00), 2019 – February 20 (22:30), 2020: Triple Line Up Pluto - Saturn – Mercury

February 24 (08:00)  
January 31 (03:45) – February 24 (08:00), 2020: Opposition Juno - Chiron across the Sun

**February 25 (17:30)**

February 24 (04:15) – 27 (10:00), 2020 Triple Line Up Juno - Earth - Venus

February 25 (17:15) – 28 (10:15), 2020 Triple Line Up Vesta - Venus – Mercury

**February 25 (17:30) – 26 (10:00), 2020: Conjunction Mercury – Earth and the Sun**

February 27 (10:00),  
February 24 (04:15) – 27 (10:00), 2020 Triple Line Up Juno - Earth - Venus

February 25 (17:15)

**February 28 (03:00) – 29 (01:00), 2020: Opposition Mercury - Neptune across the Sun**

February 25 (17:15) – 28 (10:15), 2020 Triple Line Up Vesta - Venus – Mercury

February 26 (10:00),  
February 25 (17:30) – 26 (10:00), 2020: Conjunction Mercury – Earth and the Sun

**February 28 (21:30) – March 2 (12:00), 2020: Opposition Venus - Jupiter across the Sun  
Unused**

February 29 (00:15),  
January 31 (22:30) – February 29 (00:15), 2020 Triple Line Up Saturn - Jupiter – Juno

February 29 (01:00),  
February 28 (03:00) – 29 (01:00), 2020: Opposition Mercury - Neptune across the Sun

## **Sunspot Formation 2020 March**

**Sunspot 2650 (rotated into view April 8) = old Sunspot 2631 / January 30 / Southern Hemisphere**

March 2 (12:00),  
February 28 (21:30) – March 2 (12:00), 2020: Opposition Venus - Jupiter across the Sun

**February 28 (21:30) – March 2 (12:00), 2020: Opposition Venus - Jupiter across the Sun  
Unused**

**March 3 (04:00) – 4 (04:45), 2020: Opposition Mercury - Chiron across the Sun**

**March 4 (03:00) – 5 (02:00), 2020: Conjunction Mercury – Juno and the Sun**

March 4 (04:45),  
March 3 (04:00) – 4 (04:45), 2020: Opposition Mercury - Chiron across the Sun

March 5 (02:00),  
March 4 (03:00) – 5 (02:00), 2020: Conjunction Mercury – Juno and the Sun

March 6 (05:00),  
November 15 (14:30), 2019 – March 6 (05:00), 2020: Conjunction Pluto - Saturn and the Sun

March 6 (08:30)  
December 28 (19:30), 2019 – March 6 (08:30), 2020: Triple Line Up Mars – Pallas - Pluto

March 8 (17:00),  
February 7 (06:00) – March 8 (17:00), 2020 Triple Line Up Pluto - Saturn – Venus

**March 6 (12:15) – 10 (12:45), 2020: Opposition Neptune – Earth across the Sun  
March 6 (23:30)- 10 (16:15), 2020 Triple Line Up Uranus – Venus – Earth???**

**March 7 (09:30)**

**March 6 (20:00)- 9 (12:30), 2020 Triple Line Up Venus – Mercury - Mars**

**March 6 (23:30)- 10 (16:15), 2020 Triple Line Up Uranus – Venus – Earth??**

**March 6 (20:00)- 9 (12:30), 2020 Triple Line Up Venus – Mercury - Mars**

**March 6 (23:30)- 10 (16:15), 2020 Triple Line Up Uranus – Venus - Earth**

**March 7 (09:30) – 9 (21:00), 2020: Opposition Venus - Pluto across the Sun**

**March 8 (07:15) – 10 (19:30), 2020: Opposition Venus - Saturn across the Sun**

**March 10 (12:45),**

**March 6 (12:15) – 10 (12:45), 2020: Opposition Neptune – Earth across the Sun**

**March 7 (09:30) – 9 (21:00), 2020: Opposition Venus - Pluto across the Sun**

**March 8 (07:15) – 10 (19:30), 2020: Opposition Venus - Saturn across the Sun**

**March 7 (16:00)- 19 (02:15), 2020 Triple Line Up Juno – Mercury - Chiron**

**March 12 (01:00) – 13 (08:00), 2020: Opposition Mercury – Uranus across the Sun**

**March 13 (14:30),**

**December 7 (06:00), 2019 – March 13, 2020 (14:30), 2020: Triple Line Up Mars – Pallas – Jupiter**

**March 13 (08:00),**

**March 12 (01:00) – 13 (08:00), 2020: Opposition Mercury – Uranus across the Sun**

**March 17 (04:45),**

**March 14 (10:00) – 17 (04:45), 2020: Opposition Venus - Ceres across the Sun**

**March 15 (18:00)- 20 (06:00), 2020 Triple Line Up Earth – Mars - Pallas**

**Unused**

**March 16 (12:15),**

**January 6 (14:00) – March 16 (12:15), 2020 Triple Line Up Pluto - Jupiter – Mars**

**March 16 (01:00)-**

**March 14 (10:00) – 17 (04:45), 2020: Opposition Venus - Ceres across the Sun**

**March 16 (01:00)- 18 (00:30), 2020 Triple Line Up Venus – Mercury – Pallas**

**March 18 (00:30),**

**March 16 (01:00)- 18 (00:30), 2020 Triple Line Up Venus – Mercury - Pallas**

**March 19 (02:15),**

**March 7 (16:00)- 19 (02:15), 2020 Triple Line Up Juno – Mercury - Chiron**

**March 20 (06:00),**

March 15 (18:00)- 20 (06:00), 2020 Triple Line Up Earth – Mars - Pallas

March 21 (22:00)

March 17 (20:15)- 23 (02:30), 2020 Triple Line Up Earth – Mars – Jupiter

March 20 (09:45)- 26 (01:00), 2020 Triple Line Up Earth – Mars – Pluto

March 21 (22:00) – April 25 (23:45), 2020 Triple Line Up Pluto - Jupiter – Earth

March 22 (04:15),

March 20 (05:15)- 22 (04:15), 2020 Triple Line Up Venus – Mercury - Jupiter

March 20 (05:15)- 22 (04:15), 2020 Triple Line Up Venus – Mercury – Jupiter  
Unused

March 23 (02:30),

March 17 (20:15)- 23 (02:30), 2020 Triple Line Up Earth – Mars – Jupiter

March 23 (12:45)

March 20 (22:30)- April 5 (22:30), 2020 Triple Line Up Jupiter – Pallas – Earth

March 23 (12:45) – 27 (14:30), 2020: Opposition Chiron – Earth across the Sun

March 23 (23:00)- 25 (22:30), 2020 Triple Line Up Venus – Mercury - Pluto  
Unused

March 24 (12:00)

March 23 (12:45) – 27 (14:30), 2020: Opposition Chiron – Earth across the Sun

March 24 (12:00)- April 9 (18:00), 2020 Triple Line Up Pluto – Pallas - Earth

March 23 (23:00)- 25 (22:30), 2020 Triple Line Up Venus – Mercury - Pluto

March 26 (02:15) – April 12 (02:30), 2020 Triple Line Up Pallas – Ceres – Chiron  
unused

March 26 (01:00),

March 20 (09:45)- 26 (01:00), 2020 Triple Line Up Earth – Mars – Pluto

March 26, 2020 (22:30),

November 6 (10:00), 2019 – March 26, 2020 (22:30), 2020: Triple Line Up Pluto - Saturn – Ceres

March 26 (22:30)

March 23 (19:15)- 27 (14:15), 2020 Triple Line Up Vesta – Mercury - Mars

March 25 (13:15)- 27 (11:30), 2020 Triple Line Up Venus – Mercury - Saturn

March 23 (19:15)- 27 (14:15), 2020 Triple Line Up Vesta – Mercury - Mars

March 25 (13:15)- 27 (11:30), 2020 Triple Line Up Venus – Mercury - Saturn

March 26 (22:30) – 28 (04:15), 2020: Conjunction Mars - Mercury and the Sun

**March 27 (16:15) – 29 (06.00), 2020: Opposition Mercury – Vesta across the Sun  
Unused**

March 23 (12:45) – 27 (14:30), 2020: Opposition Chiron – Earth across the Sun

March 26 (22:30) – 28 (04:15), 2020: Conjunction Mars - Mercury and the Sun

March 27 (16:15) – 29 (06.00), 2020: Opposition Mercury – Vesta across the Sun

March 29 (01:30)-

**March 28 (11:45) – April 9 (13:30), 2020: Opposition Mars – Vesta across the Sun**

March 29 (01:30)- April 3 (11:30), 2020 Triple Line Up Earth – Mars - Saturn

## **Sunspot Formation 2020 April**

March 28 (11:45) – April 9 (13:30), 2020: Opposition Mars – Vesta across the Sun

March 26 (02:15) – April 12 (02:30), 2020 Triple Line Up Pallas – Ceres – Chiron  
Unused

April 2 (16:45),

April 1 (10:30) – 2 (16:45), 2020: Conjunction Pallas - Mercury and the Sun

**March 28 (11:45) – April 9 (13:30), 2020: Opposition Mars – Vesta across the Sun**

**April 1 (05:00) – 4 (11:00), 2020: Conjunction Juno – Earth and the Sun**

**April 1 (10:30) – 2 (16:45), 2020: Conjunction Pallas - Mercury and the Sun**

April 2 (14:30)- 5 (11:00), 2020 Triple Line Up Neptune – Mercury - Earth

April 2 (16:00)- 4 (08:30), 2020 Triple Line Up Venus – Mercury – Ceres

April 2 (17:00)- 13 (23:30), 2020 Triple Line Up Juno – Mercury - Chiron

April 4 (07:45)

March 29 (01:30)- April 3 (11:30), 2020 Triple Line Up Earth – Mars - Saturn

**March 28 (11:45) – April 9 (13:30), 2020: Opposition Mars – Vesta across the Sun**

April 4 (07:45)- 7 (23:30), 2020 Triple Line Up Venus – Mars – Pallas

April 4 (08:30),

April 2 (16:00)- 4 (08:30), 2020 Triple Line Up Venus – Mercury - Ceres

April 4 (11:00),

April 1 (05:00) – 4 (11:00), 2020: Conjunction Juno – Earth and the Sun

April 5 (11:00),  
April 2 (14:30)- 5 (11:00), 2020 Triple Line Up Neptune – Mercury - Earth

April 5 (22:30),  
March 20 (22:30)- April 5 (22:30), 2020 Triple Line Up Jupiter – Pallas - Earth

**April 4 (23:00) – 6 (06:00), 2020: Conjunction Jupiter - Mercury and the Sun  
Unused**

April 7 (23:30),  
April 4 (07:45)- 7 (23:30), 2020 Triple Line Up Venus – Mars - Pallas

April 4 (23:00) – 6 (06:00), 2020: Conjunction Jupiter - Mercury and the Sun

April 8 (02:00) – 9 (09:00), 2020: Conjunction Pluto - Mercury and the Sun

April 5 (22:30),  
March 20 (22:30)- April 5 (22:30), 2020 Triple Line Up Jupiter – Pallas - Earth

**April 8 (02:00) – 9 (09:00), 2020: Conjunction Pluto - Mercury and the Sun  
Unused**

April 8 (13:00) - 25 (11:00), 2020 Triple Line Up Saturn – Ceres - Vesta  
**April 8 (20:00) – 10 (02:15), 2020: Conjunction Saturn - Mercury and the Sun**

April 9 (04:30) - 13 (13:00), 2020 Triple Line Up Venus – Mars – Jupiter  
**April 10 (14:00) – 13 (01:15), 2020: Opposition Venus - Neptune across the Sun**  
April 10 (17:00) – 20 (00:45), 2020 Triple Line Up Vesta - Venus – Earth

April 9 (18:00),  
March 24 (12:00)- April 9 (18:00), 2020 Triple Line Up Pluto – Pallas - Earth

March 28 (11:45) – April 9 (13:30), 2020: Opposition Mars – Vesta across the Sun

April 10 (14:00) – 13 (01:15), 2020: Opposition Venus - Neptune across the Sun

April 12 (02:30),  
March 26 (02:15) – April 12 (02:30), 2020 Triple Line Up Pallas – Ceres – Chiron

April 12 (22:00) - 17 (16:30), 2020 Triple Line Up Venus – Mars - Pluto  
Unused



April 10 (17:30)- 16 (06:30), 2020 Triple Line Up Pallas – Mercury - Vesta  
April 13 (12:00) – 14 (11:45), 2020: Conjunction Ceres - Mercury and the Sun  
April 14 (00:15)- 16 (08:15), 2020 Triple Line Up Chiron – Mercury - Earth

April 2 (17:00)- 13 (23:30), 2020 Triple Line Up Juno – Mercury - Chiron

April 8 (20:00) – 10 (02:15), 2020: Conjunction Saturn - Mercury and the Sun

April 9 (04:30) - 13 (13:00), 2020 Triple Line Up Venus – Mars – Jupiter

April 13 (12:00) – 14 (11:45), 2020: Conjunction Ceres - Mercury and the Sun

April 10 (17:30)- 16 (06:30), 2020 Triple Line Up Pallas – Mercury - Vesta

April 14 (00:15)- 16 (08:15), 2020 Triple Line Up Chiron – Mercury - Earth

April 16 (07:45)- 18 (08:45), 2020 Triple Line Up Juno – Earth - Mercury

April 18 (05:15)- 19 (19:15), 2020 Triple Line Up Neptune – Mercury - Venus

April 16 (07:45)- 18 (08:45), 2020 Triple Line Up Juno – Earth – Mercury  
Unused

April 16 (17:15) - May 5 (01:30), 2020 Triple Line Up Pluto – Ceres – Vesta  
Unused

April 12 (22:00) - 17 (16:30), 2020 Triple Line Up Venus – Mars - Pluto

April 18 (05:15)- 19 (19:15), 2020 Triple Line Up Neptune – Mercury – Venus  
Unused

April 10 (17:00) – 20 (00:45), 2020 Triple Line Up Vesta - Venus – Earth

April 19 (13:00)- 24 (05:45), 2020 Triple Line Up Venus – Mars - Saturn  
April 20 (20:30)- June 18 (23:45), 2020 Triple Line Up Pluto – Jupiter - Venus  
April 21 (02:00) – 23 (13:30), 2020: Opposition Venus - Chiron across the Sun  
April 21 (20:30)- May 14 (19:30), 2020 Triple Line Up Jupiter – Pallas – Venus

April 22 (02:00)- May 8 (03:00), 2020 Triple Line Up Juno – Mars - Neptune  
April 23 (15:00) – 24 (12:30), 2020: Conjunction Neptune - Mercury and the Sun

April 19 (13:00)- 24 (05:45), 2020 Triple Line Up Venus – Mars - Saturn

April 21 (02:00) – 23 (13:30), 2020: Opposition Venus - Chiron across the Sun

April 23 (15:00) – 24 (12:30), 2020: Conjunction Neptune - Mercury and the Sun

April 24 (03:30)- June 16 (13:00), 2020 Triple Line Up Pluto – Saturn – Vesta  
Unused

April 24 (21:00)- 26 (08:00), 2020 Triple Line Up Chiron – Mercury - Venus

**April 24 (07:15)**

April 23 (11:45)- May 16 (09:00), 2020 Triple Line Up Juno – Earth - Chiron

March 21 (22:00) – April 25 (23:45), 2020 Triple Line Up Pluto - Jupiter – Earth

**April 24 (07:15) – 28 (11:00), 2020: Opposition Uranus – Earth across the Sun**

March 21 (22:00) – April 25 (23:45), 2020 Triple Line Up Pluto - Jupiter – Earth

April 8 (13:00) - 25 (11:00), 2020 Triple Line Up Saturn – Ceres - Vesta

April 24 (21:00)- 26 (08:00), 2020 Triple Line Up Chiron – Mercury - Venus

April 25 (20:30)- 27 (23:30), 2020 Triple Line Up Pluto – Saturn – Mercury

**April 27 (07:45) – 28 (02:30), 2020: Conjunction Chiron - Mercury and the Sun**

April 27 (23:30),

April 25 (20:30)- 27 (23:30), 2020 Triple Line Up Pluto – Saturn – Mercury

April 28 (02:30),

April 27 (07:45) – 28 (02:30), 2020: Conjunction Chiron - Mercury and the Sun

April 24 (11:00) – June 13 (06:15), 2020 Triple Line Up Pluto – Pallas - Venus

**April 28 (21:00) – 30 (23:30), 2020: Conjunction Juno – Venus and the Sun**

April 24 (07:15) – 28 (11:00), 2020: Opposition Uranus – Earth across the Sun

April 29 (09:00)- 30 (16:15), 2020 Triple Line Up Juno - Venus – Mercury

**April 29 (15:30) – 30 (17:30), 2020: Opposition Mercury – Venus across the Sun**

**April 29 (17:30) – 30 (12:00), 2020: Opposition Mercury – Juno across the Sun**

April 30 (05:30)- May 2 (01:30), 2020 Triple Line Up Uranus – Mercury – Earth

April 28 (21:00) – 30 (23:30), 2020: Conjunction Juno – Venus and the Sun

April 29 (09:00)- 30 (16:15), 2020 Triple Line Up Juno - Venus – Mercury

April 29 (15:30) – 30 (17:30), 2020: Opposition Mercury – Venus across the Sun

April 29 (17:30) – 30 (12:00), 2020: Opposition Mercury – Juno across the Sun

April 30 (17:00) – May 5 (07:45), 2020: Conjunction Pallas - Mars and the Sun

February 2 (10:45) – 10 (13:45), 2020 Triple Line Up Saturn - Ceres - Mercury

February 3 (16:00) – 11 (11:00), 2020 Triple Line Up Pluto - Ceres – Mercury

February 4 (00:30) – 6 (13:45), 2020 Triple Line Up Venus – Mercury - Pallas

February 5 (00:30) – (17:00), 2020: Conjunction Mercury – Uranus and the Sun

February 7 (06:00) – March 8 (17:00), 2020 Triple Line Up Pluto - Saturn – Venus

February 7 (22:00) – 8 (15:00), 2020: Opposition Mercury - Mars across the Sun

February 8 (15:45) – 12 (00:30), 2020 Triple Line Up Earth - Venus - Chiron

February 9 (07:45) – 11 (22:00), 2020 Triple Line Up Vesta - Venus – Mercury

February 10 (07:15) – 12 (09:00), 2020: Conjunction Venus - Vesta and the Sun

February 10 (18:45) – 11 (06:30), 2020: Conjunction Venus - Mercury and the Sun

February 10 (19:15) – 11 (09:15), 2020: Conjunction Vesta - Mercury and the Sun

February 12 (03:00) – 20 (15:00), 2020 Triple Line Up Saturn - Ceres - Venus

February 13 (00:45) – (16:30), 2020: Opposition Mercury - Pallas across the Sun

February 13 (12:15) – 22 (08:30), 2020 Triple Line Up Pluto - Ceres – Venus

February 14 (13:45) – 16 (03:30), 2020 Triple Line Up Venus – Mercury - Mars

February 15 (10:00) – 16 (02:00), 2020: Opposition Mercury - Jupiter across the Sun

February 17 (00:15) – 19 (11:30), 2020 Triple Line Up Vesta – Mercury - Mars

February 17 (14:00) – 18 (06:00), 2020: Opposition Mercury - Pluto across the Sun

February 17 (17:45) – 18 (10:00), 2020: Opposition Mercury - Saturn across the Sun

February 18 (17:30) – 19 (10:15), 2020: Opposition Mercury - Ceres across the Sun

February 19 (12:00) – 22 (11:45), 2020 Triple Line Up Vesta - Venus – Mars

February 19 (16:00) – 22 (11:30), 2020: Opposition Venus - Pallas across the Sun

February 24 (04:15) – 27 (10:00), 2020 Triple Line Up Juno - Earth - Venus

February 25 (17:15) – 28 (10:15), 2020 Triple Line Up Vesta - Venus – Mercury

February 25 (17:30) – 26 (10:00), 2020: Conjunction Mercury – Earth and the Sun

February 28 (03:00) – 29 (01:00), 2020: Opposition Mercury - Neptune across the Sun

February 28 (21:30) – March 2 (12:00), 2020: Opposition Venus - Jupiter across the Sun

March 3 (04:00) – 4 (04:45), 2020: Opposition Mercury - Chiron across the Sun

March 4 (03:00) – 5 (02:00), 2020: Conjunction Mercury – Juno and the Sun

March 6 (12:15) – 10 (12:45), 2020: Opposition Neptune – Earth across the Sun

March 6 (20:00)- 9 (12:30), 2020 Triple Line Up Venus – Mercury - Mars

March 6 (23:30)- 10 (16:15), 2020 Triple Line Up Uranus – Venus - Earth

March 7 (09:30) – 9 (21:00), 2020: Opposition Venus - Pluto across the Sun

March 7 (16:00)- 19 (02:15), 2020 Triple Line Up Juno – Mercury - Chiron

March 8 (07:15) – 10 (19:30), 2020: Opposition Venus - Saturn across the Sun

**March 12 (01:00) – 13 (08:00), 2020: Opposition Mercury – Uranus across the Sun**  
**March 14 (10:00) – 17 (04:45), 2020: Opposition Venus - Ceres across the Sun**  
March 15 (18:00)- 20 (06:00), 2020 Triple Line Up Earth – Mars - Pallas  
March 16 (01:00)- 18 (00:30), 2020 Triple Line Up Venus – Mercury - Pallas  
March 17 (20:15)- 23 (02:30), 2020 Triple Line Up Earth – Mars – Jupiter  
March 20 (05:15)- 22 (04:15), 2020 Triple Line Up Venus – Mercury - Jupiter  
March 20 (09:45)- 26 (01:00), 2020 Triple Line Up Earth – Mars - Pluto  
March 20 (22:30)- April 5 (22:30), 2020 Triple Line Up Jupiter – Pallas - Earth  
March 21 (22:00) – April 25 (23:45), 2020 Triple Line Up Pluto - Jupiter – Earth  
**March 23 (12:45) – 27 (14:30), 2020: Opposition Chiron – Earth across the Sun**  
March 23 (19:15)- 27 (14:15), 2020 Triple Line Up Vesta – Mercury - Mars  
March 23 (23:00)- 25 (22:30), 2020 Triple Line Up Venus – Mercury - Pluto  
March 24 (12:00)- April 9 (18:00), 2020 Triple Line Up Pluto – Pallas - Earth  
March 25 (13:15)- 27 (11:30), 2020 Triple Line Up Venus – Mercury - Saturn  
March 26 (02:15) – April 12 (02:30), 2020 Triple Line Up Pallas – Ceres – Chiron  
**March 26 (22:30) – 28 (04:15), 2020: Conjunction Mars - Mercury and the Sun**  
**March 27 (16:15) – 29 (06:00), 2020: Opposition Mercury – Vesta across the Sun**  
**March 28 (11:45) – April 9 (13:30), 2020: Opposition Mars – Vesta across the Sun**  
March 29 (01:30)- April 3 (11:30), 2020 Triple Line Up Earth – Mars - Saturn  
**April 1 (05:00) – 4 (11:00), 2020: Conjunction Juno – Earth and the Sun**  
**April 1 (10:30) – 2 (16:45), 2020: Conjunction Pallas - Mercury and the Sun**  
April 2 (14:30)- 5 (11:00), 2020 Triple Line Up Neptune – Mercury - Earth  
April 2 (16:00)- 4 (08:30), 2020 Triple Line Up Venus – Mercury - Ceres  
April 2 (17:00)- 13 (23:30), 2020 Triple Line Up Juno – Mercury - Chiron  
April 4 (07:45)- 7 (23:30), 2020 Triple Line Up Venus – Mars - Pallas  
**April 4 (23:00) – 6 (06:00), 2020: Conjunction Jupiter - Mercury and the Sun**  
**April 8 (02:00) – 9 (09:00), 2020: Conjunction Pluto - Mercury and the Sun**  
April 8 (13:00) - 25 (11:00), 2020 Triple Line Up Saturn – Ceres - Vesta  
**April 8 (20:00) – 10 (02:15), 2020: Conjunction Saturn - Mercury and the Sun**  
April 9 (04:30) - 13 (13:00), 2020 Triple Line Up Venus – Mars – Jupiter  
**April 10 (14:00) – 13 (01:15), 2020: Opposition Venus - Neptune across the Sun**  
April 10 (17:00) – 20 (00:45), 2020 Triple Line Up Vesta - Venus – Earth  
April 10 (17:30)- 16 (06:30), 2020 Triple Line Up Pallas – Mercury - Vesta  
April 12 (22:00) - 17 (16:30), 2020 Triple Line Up Venus – Mars - Pluto  
**April 13 (12:00) – 14 (11:45), 2020: Conjunction Ceres - Mercury and the Sun**  
April 14 (00:15)- 16 (08:15), 2020 Triple Line Up Chiron – Mercury - Earth  
April 16 (07:45)- 18 (08:45), 2020 Triple Line Up Juno – Earth - Mercury  
April 16 (17:15) - May 5 (01:30), 2020 Triple Line Up Pluto – Ceres - Vesta  
April 18 (05:15)- 19 (19:15), 2020 Triple Line Up Neptune – Mercury - Venus  
April 19 (13:00)- 24 (05:45), 2020 Triple Line Up Venus – Mars - Saturn  
April 20 (20:30)- June 18 (23:45), 2020 Triple Line Up Pluto – Jupiter - Venus  
**April 21 (02:00) – 23 (13:30), 2020: Opposition Venus - Chiron across the Sun**  
April 21 (20:30)- May 14 (19:30), 2020 Triple Line Up Jupiter – Pallas – Venus  
April 22 (02:00)- May 8 (03:00), 2020 Triple Line Up Juno – Mars - Neptune  
April 23 (11:45)- May 16 (09:00), 2020 Triple Line Up Juno – Earth - Chiron  
**April 23 (15:00) – 24 (12:30), 2020: Conjunction Neptune - Mercury and the Sun**  
April 24 (03:30)- June 16 (13:00), 2020 Triple Line Up Pluto – Saturn - Vesta

**April 24 (07:15) – 28 (11:00), 2020: Opposition Uranus – Earth across the Sun**  
**April 24 (11:00) – June 13 (06:15), 2020 Triple Line Up Pluto – Pallas - Venus**  
**April 24 (21:00)- 26 (08:00), 2020 Triple Line Up Chiron – Mercury - Venus**  
**April 25 (20:30)- 27 (23:30), 2020 Triple Line Up Pluto – Saturn – Mercury**  
**April 27 (07:45) – 28 (02:30), 2020: Conjunction Chiron - Mercury and the Sun**  
**April 28 (21:00) – 30 (23:30), 2020: Conjunction Juno – Venus and the Sun**  
**April 29 (09:00)- 30 (16:15), 2020 Triple Line Up Juno - Venus – Mercury**  
**April 29 (15:30) – 30 (17:30), 2020: Opposition Mercury – Venus across the Sun**  
**April 29 (17:30) – 30 (12:00), 2020: Opposition Mercury – Juno across the Sun**  
**April 30 (05:30)- May 2 (01:30), 2020 Triple Line Up Uranus – Mercury - Earth**  
**April 30 (17:00) – May 5 (07:45), 2020: Conjunction Pallas - Mars and the Sun**