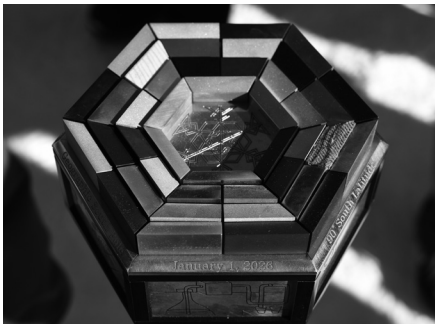








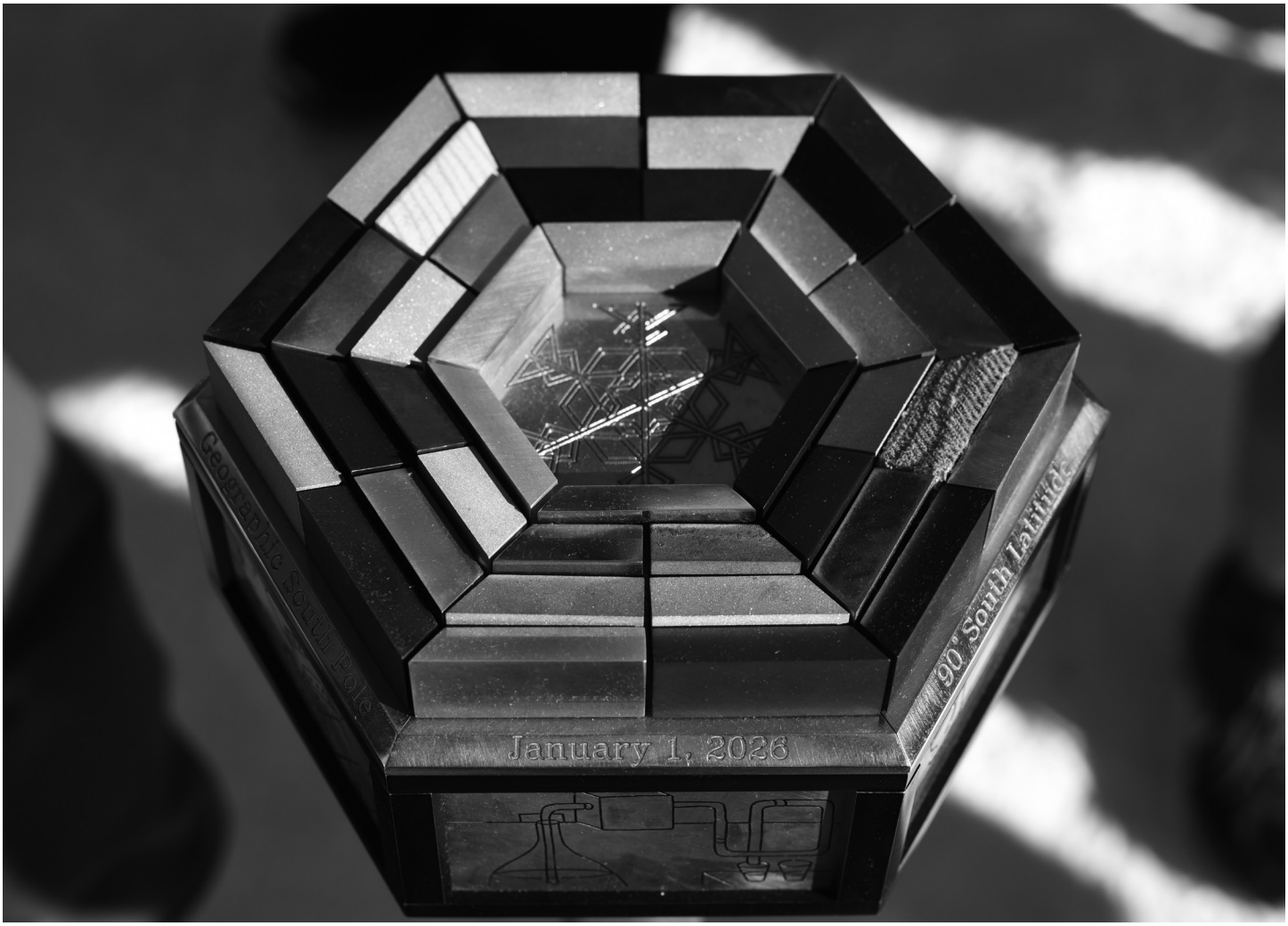






2027
IceCube Calendar

NSF | IceCube Neutrino Observatory



January **2027**

Pole Marker

Credit: Alicia Fattorini, IceCube/NSF

It is a tradition at the South Pole for current winterovers to craft a new pole marker for the upcoming year, which is then unveiled at a New Year's ceremony. Every year the pole marker is reset to designate the accurate location of the Geographic South Pole, which continuously shifts due to movement of the ice sheet.

SUN	MON	TUE	WED	THU	FRI	SAT
27	28	29	30	31	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31	1	2	3	4	5	6

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February **2027**

Last Plane Out

Credit: Martin Wolf, IceCube/NSF

When the South Pole station closes for the winter, a final passenger plane takes its crew off the snowy continent, leaving only the winterovers behind for the long winter night. The Pole gets so cold that no planes can return until the following summer.

SUN	MON	TUE	WED	THU	FRI	SAT
24	25	26	27	28	29	30
31	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	1	2	3	4	5	6

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March **2027**

Long Sunset

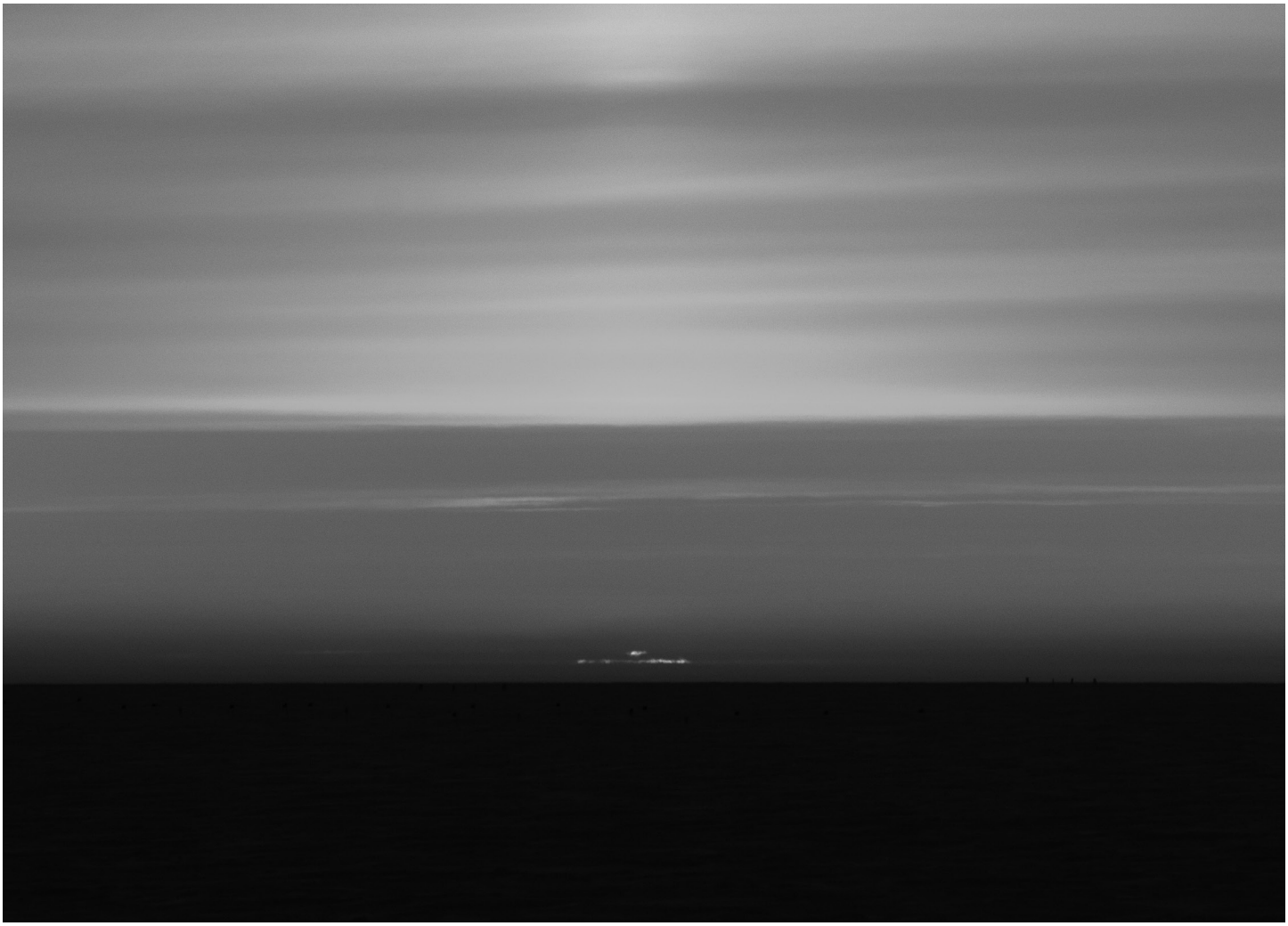
Credit: Marc Jacquart, IceCube/NSF

When the sun sets at the South Pole, it does not rise again for another six months. Not to worry, the skies remain exciting as the stars in the cosmos emerge, along with brilliant auroras.

SUN	MON	TUE	WED	THU	FRI	SAT
21	22	23	24	25	26	27
28	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31	1	2	3

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April **2027**

The Green Flash

Credit: Martin Wolf, IceCube/NSF

The “green flash” is a beautiful phenomenon to witness if you get the chance. In proper conditions, just as the sun dips below the horizon, the atmosphere causes the light to separate, creating the distinctive green glow.

SUN	MON	TUE	WED	THU	FRI	SAT
28	29	30	31	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	1
2	3	4	5	6	7	8

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May **2027**

Guiding Moonlight

Credit: Camille Parisel, IceCube/NSF

Winterovers often have to make treks through the snow when it is dark out—for example, to inspect the IceAct telescopes. A bright, full moon can act as a helpful guide for such occasions.

SUN	MON	TUE	WED	THU	FRI	SAT
25	26	27	28	29	30	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31	1	2	3	4	5

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June **2027**

The Red Glow

Credit: Connor Duffy, IceCube/NSF

The IceCube Lab—or ICL, as it is called—is the building that houses all the computers collecting raw data from the detector. The silos on either side are where the cables come up from the array of sensors below the ice.

SUN	MON	TUE	WED	THU	FRI	SAT
30	31	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	1	2	3
4	5	6	7	8	9	10

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July **2027**

Otherworldly Auroras

Credit: Marc Jacquart, IceCube/NSF

When auroras appear in the winter sky, the Pole can sometimes feel like another planet. These natural wonders are one of the many perks of conducting science at the South Pole.

SUN	MON	TUE	WED	THU	FRI	SAT
27	28	29	30	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31
1	2	3	4	5	6	7

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August **2027**

Cosmos Revealed

Credit: Ilya Bodo, IceCube/NSF

On clear nights like this, the skies at the Pole are unrivaled. They serve as visual reminders of how IceCube seeks to illuminate our universe, sharing its discoveries with the world.

SUN	MON	TUE	WED	THU	FRI	SAT
25	26	27	28	29	30	31
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	1	2	3	4

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September **2027**

Chilly Morning

Credit: John Hardin, IceCube/NSF

The South Pole averages temperatures of -60 °C (-76 °F) during its winter, but as the sunrise slowly emerges, warmer days lie not too far ahead.

SUN	MON	TUE	WED	THU	FRI	SAT
29	30	31	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	1	2
3	4	5	6	7	8	9

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October **2027**

Desert Dunes

Credit: Yuya Makino, IceCube/NSF

Those choppy waves in the snow are called sastrugi. Sastrugi are wavelike ridges of hard snow formed by the wind. Visually they are reminiscent of sand dunes but they are not as easily shaped by the wind as sand is.

SUN	MON	TUE	WED	THU	FRI	SAT
26	27	28	29	30	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31	1	2	3	4	5	6

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November **2027**

A Gentle Breeze

Credit: Yuya Makino, IceCube/NSF

You would not know it from the photo, but the winds at the South Pole are relatively mild compared to the edges of Antarctica. That is because these strong winds, called katabatics, are formed by cold, dense air flowing out from the polar plateau of the interior down the steep vertical drops along the coast.

SUN	MON	TUE	WED	THU	FRI	SAT
24	25	26	27	28	29	30
31	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	1	2	3	4

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December **2027**

Sun Dogs

Credit: Martin Wolf, IceCube/NSF

The ring around the sun is a sun halo, and the bright spots are called sun dogs. They occur when light refracts through ice crystals in the air, so, although they are somewhat rare, you are especially likely to find them at the South Pole.

SUN	MON	TUE	WED	THU	FRI	SAT
28	29	30	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	1
2	3	4	5	6	7	8

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