



2017

Understanding Clouds Comprendre les nuages



Stratus opacus | "Running Above the Clouds," Slovenia | «Comme sur un nuage», Slovénie | Photo: Zoran Stanko

Winning photographs from the World Meteorological Organization calendar competition
Photographies gagnantes du concours de l'Organisation Météorologique Mondiale pour son calendrier

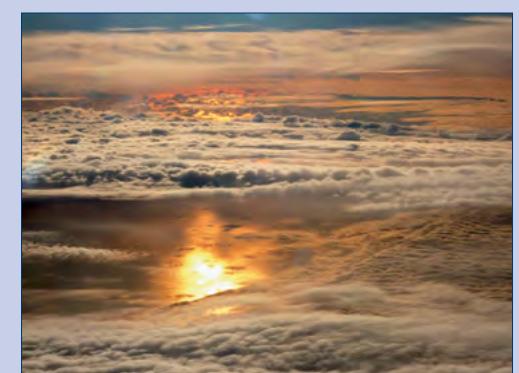
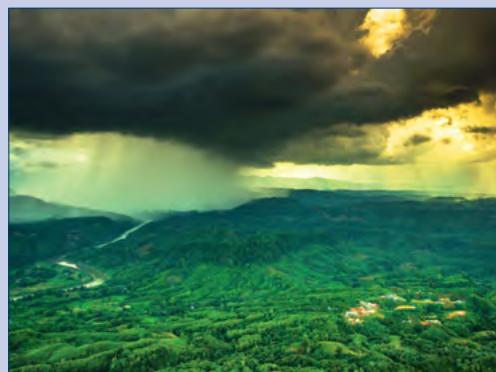
Calendar sponsored by DENSO
Calendrier sponsorisé par DENSO





World Meteorological Organization

Organisation Météorologique Mondiale



Understanding Clouds

“Understanding Clouds” is the theme of the 2017 WMO Calendar and World Meteorological Day (23 March 2017). It celebrates the new International Cloud Atlas, which has its roots in the 19th century and was last updated in 1987. WMO has undertaken a major revision of the Atlas in order to produce a user-friendly, digital-based product which is an authoritative, comprehensive and up to date source of reference for both meteorologists and cloud enthusiasts around the world. It will also include new types of cloud.

Photographs in this calendar were selected from an open WMO competition on social media. WMO thanks all participants for submitting wonderful photographs.

Comprendre les nuages

«Comprendre les nuages» est le thème qui a été choisi pour le calendrier 2017 de l'OMM et la Journée météorologique mondiale (23 mars 2017). C'est l'occasion de célébrer la nouvelle édition de l'Atlas international des nuages, qui a été publié pour la première fois au XIXe siècle et dont la dernière mise à jour remonte à 1987. L'OMM a procédé à une révision complète de cet ouvrage, l'objectif était de concevoir un produit numérique convivial proposant des informations complètes, dignes de foi et actualisées à l'intention des météorologues et des passionnés de nuages du monde entier. De nouveaux types de nuages y figureront.

Les clichés qui apparaissent dans le calendrier ont été sélectionnés à la suite d'un concours ouvert à tous organisé par l'OMM sur les réseaux sociaux. L'Organisation tient à remercier tous les participants pour les magnifiques photos qu'ils ont soumises.



CIRROCUMULUS STRATIFORMIS HOMOMUTATUS

“SUNSET SKY IN JOIS,” JOIS, AUSTRIA | «CRÉPUSCULE À JOIS», JOIS, AUTRICHE | PHOTO: LUKA FILIPI



NACREOUS CLOUD

“IRIDESCENT CLOUDS,” OSLO, NORWAY | «NUAGES NACRÉS», OSLO, NORVÈGE | PHOTO: VESSI ØGAARD

2017



JANUARY | JANVIER

DENSO

MONDAY
LUNDI

TUESDAY
MARDI

WEDNESDAY
MERCREDI

THURSDAY
JEUDI

FRIDAY
VENDREDI

SATURDAY
SAMEDI

SUNDAY
DIMANCHE

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	5



ALTOCUMULUS DUPLICATUS

“MEGHADUTA - CLOUD MESSENGER,” MELBOURNE, AUSTRALIA | «MEGHADUTA, LE NUAGE MESSAGER», MELBOURNE, AUSTRALIE | PHOTO: SHYAMALEE SUBRAMANYAM

2017



FEBRUARY | FÉVRIER



MONDAY
LUNDI

TUESDAY
MARDI

WEDNESDAY
MERCREDI

THURSDAY
JEUDI

FRIDAY
VENDREDI

SATURDAY
SAMEDI

SUNDAY
DIMANCHE

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



IRIDESCENCE

“IRIDESCENCE” PASIG CITY, PHILIPPINES | «IRIDESCENCE», PASIG, PHILIPPINES | PHOTO: RAMON SANTIAGO

2017



MARCH | MARS



MONDAY
LUNDI

TUESDAY
MARDI

WEDNESDAY
MERCREDI

THURSDAY
JEUDI

FRIDAY
VENDREDI

SATURDAY
SAMEDI

SUNDAY
DIMANCHE

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



CUMULONIMBUS CAPILLATUS INCUS PRAECIPITATIO ARCUS

"DROMANA ROLL CLOUD," VICTORIA, AUSTRALIA | «NUAGE EN ROULEAU AU-DESSUS DE DROMANA » VICTORIA, AUSTRALIE | PHOTO: ROSEMARIE STEINER

A handwritten signature in black ink, appearing to read "Rosemarie Steiner".

2017



APRIL | AVRIL



MONDAY
LUNDI

TUESDAY
MARDI

WEDNESDAY
MERCREDI

THURSDAY
JEUDI

FRIDAY
VENDREDI

SATURDAY
SAMEDI

SUNDAY
DIMANCHE

27	28	29	30	31	1	2
3	4	5	6	7	8	9
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17	18	19	20	21	22	23
24	25	26	27	28	29	30



CUMULONIMBUS CAPILLATUS INCUS PRAECIPITATIO MURUS

“SUPERCELL IN KANSAS,” KANSAS, USA | «SUPERCELLULE AU KANSAS», KANSAS, ÉTATS-UNIS D'AMÉRIQUE | PHOTO: VALENTINA ABINANTI

2017



MAY | MAI



MONDAY
LUNDI

TUESDAY
MARDI

WEDNESDAY
MERCREDI

THURSDAY
JEUDI

FRIDAY
VENDREDI

SATURDAY
SAMEDI

SUNDAY
DIMANCHE

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



CUMULUS CONGESTUS PRAECIPITATIO

"NATURE'S POWER," BANDARBAR, BANGLADESH | «FORCE DE LA NATURE», BANDARBAR, BANGLADESH | PHOTO: SHAMIM SHORIF SUSOM

2017



JUNE | JUIN



MONDAY
LUNDI

TUESDAY
MARDI

WEDNESDAY
MERCREDI

THURSDAY
JEUDI

FRIDAY
VENDREDI

SATURDAY
SAMEDI

SUNDAY
DIMANCHE

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



ALTOCUMULUS ASPERITAS MAMMA

"SKY WAVES," PANEVĖŽYS, LITHUANIA | «COMME UNE RIVIÈRE TOURNENTÉE», PANEVĖŽYS, LITUANIE | PHOTO: ARVYDAS LATVIS

2017



JULY | JUILLET



MONDAY
LUNDI

TUESDAY
MARDI

WEDNESDAY
MERCREDI

THURSDAY
JEUDI

FRIDAY
VENDREDI

SATURDAY
SAMEDI

SUNDAY
DIMANCHE

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



CUMULUS CONGESTUS FOREGROUND WITH CUMULONIMBUS CAPILLATUS INCUS CENTRE BACKGROUND
“BEFORE THE STORM,” DAVOR, CROATIA | «LE CALME AVANT LA TEMPÈTE», DAVOR, CROATIE | PHOTO: IVICA BRLIĆ

2017



AUGUST | AOÛT



MONDAY
LUNDI

TUESDAY
MARDI

WEDNESDAY
MERCREDI

THURSDAY
JEUDI

FRIDAY
VENDREDI

SATURDAY
SAMEDI

SUNDAY
DIMANCHE

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



CUMULONIMBUS CAPILLATUS INCUS PRAECIPITATIO,
“THE END OF SUMMER,” DUBROVNIK, CROATIA | «FIN DE L’ÉTÉ», DUBROVNIK, CROATIE | PHOTO: DANIEL PAVLINOVIC

2017



SEPTEMBER | SEPTEMBRE

DENSO

MONDAY
LUNDI

TUESDAY
MARDI

WEDNESDAY
MERCRIDI

THURSDAY
JEUDI

FRIDAY
VENDREDI

SATURDAY
SAMEDI

SUNDAY
DIMANCHE

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



CIRRUS FIBRATUS, UNCINUS, FLOCCUS AND CASTELLANUS,

"CIRRUS VARIATIONS," LIVINGSTON COUNTY, NEW YORK, USA | «*VARIATION SUR UN CIRRUS*», COMTÉ DE LIVINGSTON, NEW YORK, ÉTATS-UNIS D'AMÉRIQUE | PHOTO: MICHAEL HANNA

2017



OCTOBER | OCTOBRE



MONDAY
LUNDI

TUESDAY
MARDI

WEDNESDAY
MERCREDI

THURSDAY
JEUDI

FRIDAY
VENDREDI

SATURDAY
SAMEDI

SUNDAY
DIMANCHE

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



ALTOCUMULUS STRATIFORMIS TRANSLUCIDUS PERLUCIDUS UNDULATES
“AMAZING WAVES IN THE SKY,” SIMUNA, ESTONIA | «ONDULATIONS CÉLESTES, SIMUNA, ESTONIE» | PHOTO: KAIRO KIITSAK

2017



NOVEMBER | NOVEMBRE

DENSO

MONDAY
LUNDI

TUESDAY
MARDI

WEDNESDAY
MERCRIDI

THURSDAY
JEUDI

FRIDAY
VENDREDI

SATURDAY
SAMEDI

SUNDAY
DIMANCHE

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



ALTOCUMULUS STRATIFORMIS OPACUS DUPLICATUS UNDULATUS. CIRRUS UNCINUS AND CIRROSTRATUS
“LAYERS,” ABOVE CAPE VERDE, ATLANTIC | «LUEUR D’ESPOIR», AU-DESSUS DE CABO VERDE, OCÉAN ATLANTIQUE | PHOTO: ANJA COSTA

2017



DECEMBER | DÉCEMBRE

DENSO

MONDAY
LUNDI

TUESDAY
MARDI

WEDNESDAY
MERCREDI

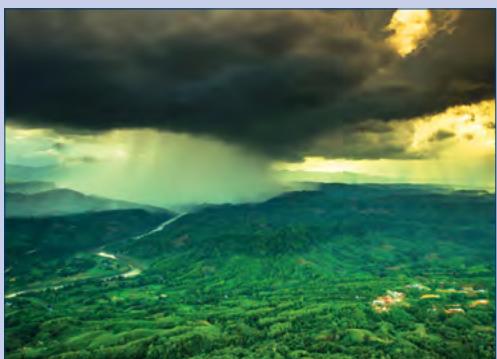
THURSDAY
JEUDI

FRIDAY
VENDREDI

SATURDAY
SAMEDI

SUNDAY
DIMANCHE

27	28	29	30	1	2	3
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11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31



Here at DENSO, we can honestly say that we've committed to protecting the environment because it's who we are. It's something we've done since our inception back in 1949. In an effort to promote activities to help realise a sustainable automotive industry DENSO Corporation announced its environmental action called 'DENSO EcoVision 2015'.
www.globaldenso.com



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