

KERATAN AKHBAR-AKHBAR TEMPATAN
TARIKH: 24 JANUARI 2014 (JUMAAT)

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KERATAN AKHBAR
UTUSAN MALAYSIA (DALAM NEGERI) : MUKA SURAT 24
TARIKH : 24 JANUARI 2014 (JUMAAT)

MOSTI sasar komersial 60 produk inovasi, berteknologi tinggi

SHAH ALAM 23 Jan. - Kementerian Sains, Teknologi dan Inovasi (MOSTI) menyasarkan sekurang-kurangnya 60 produk inovasi dan berteknologi tinggi untuk dikomersialkan pada tahun ini.

Menterinya, Datuk Dr. Ewon Obin berkata, pihaknya percaya sasaran tersebut mampu dicapai dengan penyertaan 21 agensi di bawah

kementerian itu termasuk syarikat yang mengikuti program MOSTI.

"MOSTI turut menyasarkan kadar pengkomersialan sebanyak 10 sehingga 15 peratus pada tahun ini berbanding lapan peratus, tahun lepas.

"Selain itu, MOSTI juga memperuntukkan sebanyak RM342 juta untuk Dana Pembangunan dan Pengkomersialan Penyelidikan (CR-

DF)," katanya dalam sidang akhbar selepas melancarkan Tahun Pengkomersialan MOSTI (MCY) 2014 bertemakan STI Menjana Kekayaan, di sini hari ini.

Yang turut hadir, timbalannya, Datuk Dr. Abu Bakar Mohamad Diah; Pengerusi SIRIM Berhad, Datuk Jamaliah Kamis dan Presiden SIRIM Berhad, Dr. Zainal Abidin Mohd. Yusof.

Ewon memberitahu, bagi meningkatkan aktiviti pengkomersialan, MOSTI melancarkan sembilan inisiatif meliputi tiga komponen utama iaitu platform teknologi pengkomersialan, perkhidmatan maklumat dan promosi.

"Sembilan inisiatif tersebut adalah program bina upaya, program pembangunan produk, kemudahan

akses kepada pasaran, kemudahan kepada infrastruktur, portal maklumat produk penyelidikan dan pembangunan (R&D), direktori produk R&D serta galeri R&D.

"Bagi mempromosi MCY 2014, plat kereta khas akan dikeluarkan serta dilengkapi dengan teknologi sistem pengesanan lokasi (GPS) bagi membantu meningkatkan aspek ke-

selamatan dan teknologi ini turut menggunakan bahan pembiasan cahaya," katanya.

Sehingga November 2013, kerajaan memperuntukkan lebih RM4.8 bilion bagi membiayai dana R&D yang telah berjaya menjana pendapatan sebanyak RM5.12 bilion melalui 8,358 projek penyelidikan yang diluluskan.

KERATAN AKHBAR
BERITA HARIAN (NASIONAL) : MUKA SURAT 17
TARIKH: 24 JANUARI 2014 (JUMAAT)

MOSTI keluar plat khas dilengkapi GPS

Shah Alam: Kementerian Sains, Teknologi dan Inovasi (MOSTI) akan mengeluarkan nombor pendaftaran khas untuk kenderaan, yang dilengkapi teknologi sistem pengesanan lokasi (GPS).

Menterinya, Datuk Dr Ewon Ebin, berkata nombor pendaftaran itu dijangka dikeluarkan dalam tempoh sebulan lagi, sekali gus meningkatkan aspek keselamatan kenderaan yang dipasang teknologi itu.

"Sistem nombor pendaftaran dengan GPS ini adalah satu daripada sembilan inisiatif yang dirangka dalam Tahun Pengkomersialan MOSTI (MYC 2014), di bawah pelan tindakan Dasar Sains, Teknologi dan Inovasi.

"Pelaksanaan nombor pendaftaran ini sudah dirancang sejak September tahun lalu dan kini MOSTI hanya menunggu kelulusan Perdana Menteri, Datuk Seri Najib Razak.

"Nombor ini akan ditulis 1MYC, diikuti nombor siri pendaftaran kenderaan yang menggunakannya kepada 370 pemilik saja," katanya selepas melancarkan MYC 2014 di Bangunan SIRIM, di sini semalam.

Hadir sama, Timbalan MOSTI, Datuk Abu Bakar Mohamad Diah; Timbalan Ketua Setiausaha (Dasar), Datuk Dr Mohd Azhar Yahaya dan Pengerusi SIRIM Berhad, Datuk Jamaliah Kamis.

Plat khas dilengkapi GPS

■ Teknologi baru kesan lokasi kenderaan



EWON (tengah) menunjukkan plat khas yang mempunyai ciri-ciri keselamatan.

FOTO: INTAN NUR ELLIANA ZAKARIA

Oleh Na'imah Mohamed
naimah@mediaprima.com.my
Shah Alam

Pengguna kenderaan bermotor di negara ini berpeluang menikmati kemudahan teknologi terbaru dalam konteks keselamatan selepas Kementerian Sains, Teknologi dan Inovatif (MOSTI) memperkenalkan nombor pendaftaran khas yang dilengkapi teknologi Sistem Pengelesen Lokasi (GPS) yang bakal dilancarkan dalam masa terdekat ini.

Menterinya Datuk Dr Ewon Ebin berkata, nombor pendaftaran itu dicipta bagi membantu meningkatkan aspek keselamatan kenderaan iaitu ia mampu mengesan lokasi kenderaan yang menggunakan nombor

pendaftaran itu berada.

"Segalanya sudah lengkap dan pembentangan juga sudah dilakukan di hadapan Perdana Menteri Datuk Seri Najib Razak dan kini hanya menunggu kelulusan. Sekiranya diluluskan, sebanyak 370 tender nombor pendaftaran bermula IMCY akan dibuka dalam masa terdekat.

"Bagi yang berminat untuk mendapatkan nombor pendaftaran ini, bolehlah melalui prosedur biasa yang telah ditetapkan Jabatan Pengangkutan Jalan (JPJ) sepertimana untuk mendapatkan nombor tender yang lain," katanya ketika sidang media di sini, semalam.

Katanya ketika melancarkan Tahun Pengkomersilan MOSTI (MCY2014) di sini, semalam, MOSTI menetapkan tiga objektif pada tahun

ini iaitu mengkomersilkan sekurang-kurangnya 60 produk Penyelidikan dan Pembangunan (R&D), menyediakan platform pengkomersilan teknologi (TCP) yang komprehensif dan meningkatkan kemampuan serta keupayaan usahawan tekno melalui program berteraskan akademik, teknologi, teknikal, generik dan keusahawanan.

"Bagi memastikan objektif berkenaan dapat dicapai, MOSTI telah merangka sembilan inisiatif yang akan dilaksanakan sepanjang 2014 yang terdiri daripada program bina upaya, program pembangunan produk, fasilitasi akses kepada pasaran dan fasilitasi akses kepada infrastruktur yang tertumpu kepada penyediaan platform teknologi pengkomersilan bertujuan menganjak produk dari peringkat pra-pengkomersilan ke pasaran dengan lebih pantas dan cekap," katanya.

FAKTA
370 tender
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Mosti to push for commercialisation in 2014

SHAH ALAM (Jan 23): This year, it is all about commercialisation for the **Ministry of Science, Technology and Innovation (Mosti)**.

Launching the Mosti Commercialisation Year (MCY) 2014 today, its minister Datuk Dr Ewon Ebin announced nine fresh initiatives that will act as a framework to boost commercialisation activities.

He said MCY targets at increasing the country's commercialisation activities, covering three main components, namely technology commercialisation platform (TCP), information services and promotion.

With such focus, he said, it could help boost Malaysia's current commercialisation rate of 8%.

"We are expecting 60 products yearly, minimum. (And) We are expecting the commercialisation rate to go between 10% to 15% per year," he added.

During the period of the Ninth and Tenth Malaysia Plans, the government has allocated around RM4.8 for research and development.

Of this, some 8,000 research projects were approved and they had successfully generated around RM5.12 billion.

Deputy Minister Datuk Dr Abu Bakar Mohamad Diah explained that the target was reasonable for Malaysia and the ministry expects such products to come out from their flagship sectors such as healthcare, biotechnology, food and energy.

"In a developed nation, the commercialisation rate is usually almost 10%. So, we expect from this commercialisation year, if we could increase from 10% to 15%, it is good. It cannot be at a bigger margin it's illogical," he said.

Hoping to kick-start promotional activities for this year's MCY, the ministry is planning an effort on promotional car plate numbers of '1MCY' which will be using GPS and reflective decals.

At the event today, three companies – Promise Earth (M) Sdn Bhd, Waltex Biotech Laboratories Sdn Bhd and Green World Genetics (GWG) Sdn Bhd – received the Biotechnology Commercialisation Fund (BCF) worth RM3 million each.

GWG produces high quality tropical seeds, Promise Earth produces compost made out of food waste while Waltex Biotech Laboratories produce high quality orchids using tissue culture.

Currently, all three companies had managed to market their product locally while GWG managed to break into the international market.

All three recipients hold BioNexus status given by BiotechCorp, an agency within the purview of Mosti that acts as the 'chief driver' to develop companies undertaking biotechnology activities in the country.

Meanwhile, BioNexus Development Division manager Mohd Azad Mohd Azzam said difficulty in accessing funds is one of the main problems faced by the 229 BioNexus status companies under its wing.

He said although the agency has its own commercialisation fund, it will assist those companies in obtaining funding through other channels, such as the BCF awarded this morning.

Congratulating the recipients, he assured that the agency will continue to support and develop biotech endeavours in the country.

"We will definitely help all our companies, we don't pick and choose," he added.

For more stories go to www.fz.com, the website for freedom of expression and fairness in articulation



Mosti To Issue Special Number Plates To Promote Commercialisation Year

SHAH ALAM, Jan 23 (Bernama) -- The [Ministry of Science, Technology and Innovation \(MOSTI\)](#) will issue special motor vehicle number plates to promote [Mosti Commercialisation Year \(MCY\) 2014](#).

Its minister, Datuk Dr Ewon Ebin, said a total of 370 units of the special number plates would be issued once the Cabinet's approval was obtained.

"The numbers on each special plate will be preceded by '1MCY'. It also uses a global positioning system and light refractor material. However, Mosti is still waiting for approval from the Cabinet to issue this special plate.

"Once approved, vehicle owners can start buying the special number plates at the Road Transport Department (JPJ) at a stipulated price," he told reporters after launching the MCY 2014 at SIRIM headquarters here Thursday.

He said the number plates would only be issued this year as Mosti had no plan to continue issuing the plates after MCY 2014.

Meanwhile, Ewon said Mosti had set a target to commercialise at least 60 of its research and development (R&D) products each year.

With the target, he said the ministry was confident that over 360 innovative local products from various industries would be produced by 2020.

"Prior to this, we only aimed at commercialising 20 products each year, but by declaring the year 2014 as the Mosti Commercialisation Year, we hope the number will increase to 60," he said.

-- BERNAMA



MOSTI to push for commercialisation in 2014

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Deputy Minister Datuk Dr Abu Bakar Mohamad Diah explained that the target was reasonable for Malaysia and the ministry expects such products to come out from their flagship sectors such as healthcare, biotechnology, food and energy.

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KERATAN AKHBAR
ASTRO AWANI.COM_ENGLISH
TARIKH : 24 JANUARI 2014 (JUMAAT)



Special 1MCY plate number for Commercialisation Year



Ministry of Science, Technology and Innovation (MOSTI) minister Datuk Dr Ewon Ebin (centre) holds the vehicles plate number with special features. -BERNAMApix

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Story first published on: January 24, 2014 07:30 (MYT)

NEW STRAITS TIMES

Vehicle plates with GPS technology on market soon

By Eunice Au | euniceau@nst.com.my

SHAH ALAM: *Special issue vehicle registration plates equipped with global positioning system (GPS) technology will be on the market soon, Science, Technology and Innovation (MOSTI) Minister Datuk Dr Ewon Ebin announced yesterday.*

A total of 370 such plates beginning with the characters "1MCY", will be available for purchase through the Road Transport Department (JPJ) after an official launch.

He said the unique plates were part of an initiative to promote [MOSTI's Commercialisation Year \(MCY\) 2014](#) and would improve the safety aspect of vehicles.

"The number plates which are developed by Technology Park Malaysia Malaysia, will also be equipped with reflective decals technology," he told reporters after launching the MCY 2014 at SIRIM Bhd Auditorium, Section 2, here, yesterday.

Besides the licence plates he also revealed eight other MCY 2014 initiatives to encourage the commercialisation of products developed through research and development (R&D).

"The first four initiatives will be focused on preparing a technology commercialisation platform to shift products from its pre-commercialisation stage to the market more quickly and efficiently," he said.

The four include capacity-building and product development programmes for entrepreneurs as well as access to market and infrastructure facilities.

Ewon said the ministry will also set up an R&D information portal and directory to gather information on potential products and as a reference for investors, the industry and other researchers.

He added that an R&D gallery to display award-winning innovative product will be set up as well as a "Techshoppe" to sell such goods.

"Hopefully, these initiatives will encourage other local researches to improve the quality of their work," he said.

The ministry is aiming to help commercialise at least 60 R&D products a year.

Also present were MOSTI deputy minister Datuk Dr Abu Bakar Mohammad Diah and deputy secretary-general (policy) Datuk Dr Mohd Azhar Yahaya.



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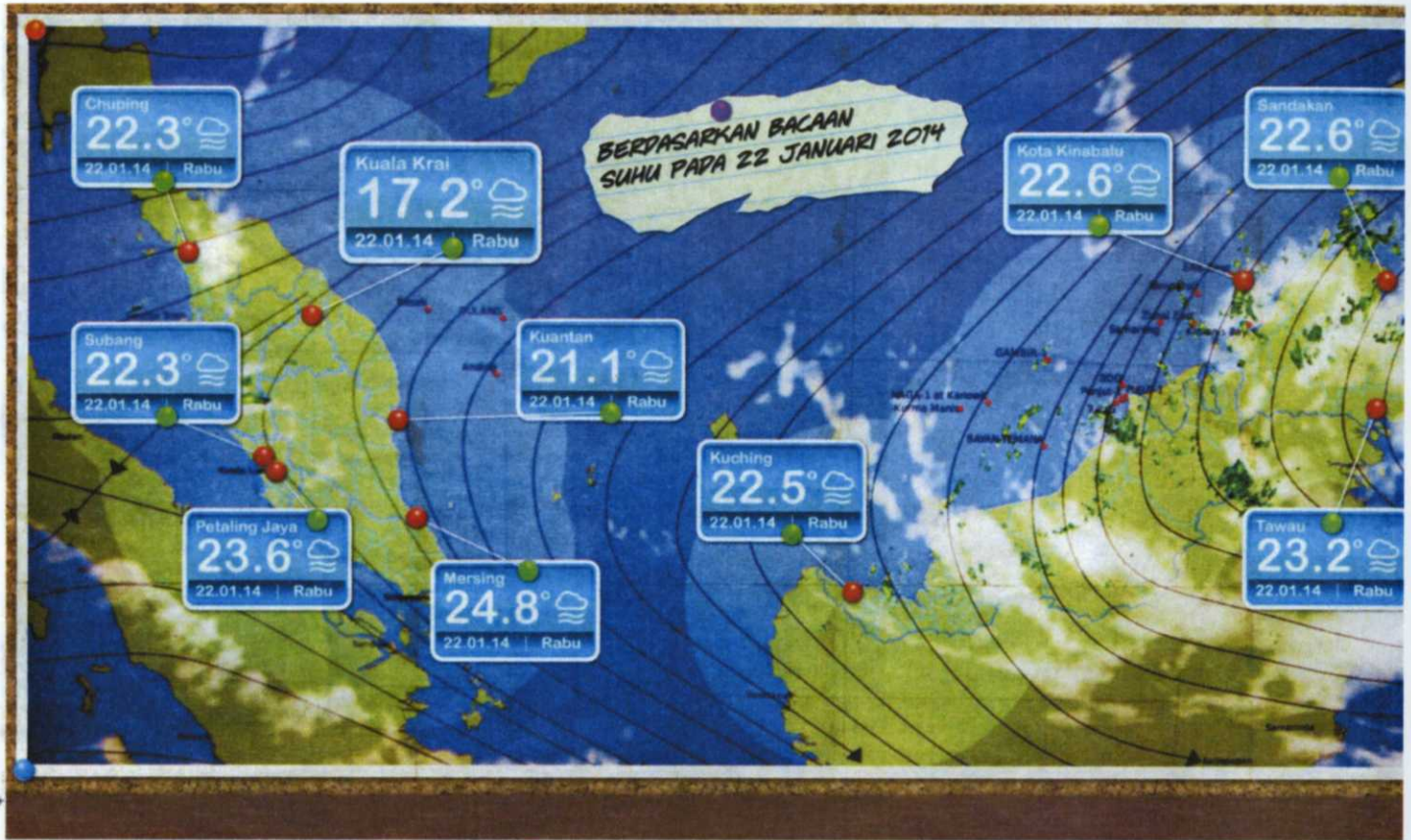
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Read more: <http://www.fz.com/content/mosti-push-commercialisation-2014#ixzz2rHDMIEXo>

KERATAN AKHBAR
HARIAN METRO (SETEMPAT) : MUKA SURAT 10
TARIKH : 24 JANUARI 2014 (JUMAAT)



SUHU SEJUK

AIR PAIP MACAM AIS

■ Kuala Krai catat suhu paling dingin 17.5 darjah Celsius

Oleh Mohd Nor Asri Yaacob
 dan Rohaida Omar
 am@mediaprima.com.my
Kuala Krai

"Ketika tengah hari pun air paip sejuk macam air batu, apatah lagi waktu pagi. Saya terpaksa merebus satu periuk besar air untuk anak mandi pada waktu pagi.

"Anak balik sekolah pada waktu tengah hari pun tak nak mandi sebab air masih sejuk," kata suri rumah, Rosmanita Zainal Abidin, 42, dari Kampung Sungai Dala, Jalan Tualang, dekat sini, semalam.

Rosmanita berkata demikian mengulas perubahan suhu di Kuala Krai yang dilaporkan menurun sehingga 17 darjah Celsius, kelmarin.

Kadaan turut tidak berubah semalam apabila laman web Jabatan Meteorologi melaporkan suhu minimum di daerah itu adalah

17.5 darjah Celsius manakala suhu maksimumnya 30.1 darjah Celsius.

Menurut Rosmanita, cuaca sejuk itu berlaku sejak seminggu lalu dan dia mengakui ia satu pengalaman baru.

"Siang sejuk, malam lagi sejuk. Setakat selimut biasa memang tak memadai, kena pakai selimut tebal dan kadang kala kena guna dua helai selimut tebal sebab sejuk sampai ke tulang," katanya.

Katanya, suaminya, R Azmi Jaafar, 48, yang menghidap angin ahmar sejak tujuh bulan lalu terpaksa dipakaikan dua helai baju selain menyelimutkannya dengan dua selimut tebal bagi mengelak dia kesejukan selain bimbang boleh menjejaskan kesihatannya.

Seorang lagi penduduk, Mohamed Mustapha Baharum, 62, berkata, cuaca sejuk kebelakangan ini membuatkan dia mengurangkan aktiviti luar terutama pada se-

belah pagi.

"Sebelum ini saya suka berjalan mengelilingi kampung pada sebelah pagi, tapi dalam cuaca sejuk begini, saya lebih rela duduk dalam rumah.

"Bukan setakat pagi, pada jam 5 petang pun sejuk," kata Mohamed yang kediamannya berhampiran Sungai Kelantan.

Sementara itu, daerah Kota Bharu turut menyaksikan fenomena cuaca sejuk terutama apabila angin bertiup.

Berdasarkan laman web Jabatan Meteorologi, suhu minimum di daerah ini ialah 20.2 darjah Celsius, manakala maksimum 28.2 darjah Celsius, semalam.

Penolong Pengurus Amanah Ikhtiar Malaysia Cawangan Kota Bharu, Mohd Zakri Abd Halim, 46, berkata, perubahan ketara dapat dirasainya terutama pada waktu petang.

"Kalau dulu pada waktu petang masih terasa panas,

tapi sekarang perbezaan dapat dirasakan kerana angin bertiup lebih sejuk dan terasa lebih segar ketika pulang bekerja.

"Mungkin juga cuaca sejuk sekarang berlaku kerana kesan musim banjir bulan lalu, tetapi saya lebih suka keadaan begini berterusan kerana berasa segar sepanjang masa," katanya dari Bunut Susu, Pasir Mas.

Pekerja kedai makan, Nurul Izaty Asmat Muhammad, 19, pula berkata, cuaca sejuk di negara ini yang menjadi topik perbualan di laman sosial Facebook dapat dirasainya sendiri.

"Penurunan suhu di negara kita menjadi perbualan di Facebook, malah pelanggan yang datang ke gerai makan tempat saya bekerja turut bercerita mengenai cuaca sejuk yang berlaku.

"Bagaimanapun, apa yang saya lihat ia belum sampai ke tahap perlu memakai baju tebal," katanya.



KERATAN AKHBAR
HARIAN METRO (SETEMPAT) : MUKA SURAT 11
TARIKH : 24 JANUARI 2014 (JUMAAT)



LISA Nabila Sharif memeluk anaknya Sasha Nabila Samar, tiga bulan disebabkan cuaca sejuk di Kota Kinabalu, semalam.

PENIAGA, Nuwairah Safini (kiri) dan adiknya, Muhamad Suhail Safini menggoreng ayam dalam keadaan suhu sejuk di Taman Hijrah, Kengor.

GRAFIK HARIAN METRO: FAHMY HASSIM

'Angin Siberia' berterusan hingga minggu depan

Kota Kinabalu: Pertembungan angin sejuk dikenali sebagai 'Angin Siberia' menyebabkan negeri ini mengalami suhu antara 20 dan 27 darjah Celsius yang dijangka berterusan hingga minggu depan.

Pengarah Jabatan Meteorologi Sabah Abdul Malek Tusin berkata, negeri itu menerima tempas daripada fenomena itu selain faktor hujan menyebabkan negeri itu mengalami penurunan suhu.

"Cuaca dingin dialami negeri ini sebenarnya bukanlah satu fenomena luar biasa kerana ia pernah berlaku sebelum ini.

"Cuma, keadaan cuaca seperti ini tidak berlaku setiap tahun, manakala bacaan 20 hingga 27 darjah Celsius bukanlah suhu normal di Sabah," katanya ketika dihubungi, semalam.

Beliau berkata, suhu di negeri ini lazimnya dicatatkan sekitar 24 hingga 33 darjah Celsius dan suhu paling

“Monsun Timur Laut yang berlaku sehingga Mac juga menyebabkan hujan lebat yang menambahkan lagi 'keedinginan' suhu di negeri ini”

Abdul Malek Tusin

rendah dicatatkan adalah 20 darjah Celsius.

Difahamkan, sejak fenomena cuaca itu berlaku kira-kira lima hari lalu, daerah Keningau mencatatkan suhu terendah iaitu 17 darjah Celsius berbanding Kundasang (20 darjah Celsius).

Mengenai suhu di puncak Gunung Kinabalu, Abdul Malek berkata, setakat ini, belum ada rekod dicatatkan tetapi dijangka lebih sejuk mencecah bawah 15 darjah Celsius.

"Monsun Timur Laut yang berlaku sehingga Mac juga menyebabkan hujan lebat yang menambahkan lagi 'keedinginan' suhu di negeri ini," katanya.

Sementara itu, suhu di sekitar bandar raya ini pada jam 1 tengah hari semalam mencatatkan bacaan serendah 24 darjah Celsius.

SEORANG remaja, Mustar Nordin mengenakan baju tebal ketika ambil angin di Kota Kinabalu, semalam.

REPORTS BY ALIZA SHAH, THARANYA ARUMUGAM, SHARANPAL RANDHAWA, FAHIRUL N. RAMLI, AVILA GERALDINE AND ROHAIDA OMAR

Met Department: Colder days ahead

**DRASTIC WEATHER
CHANGE:** Condition
caused by dry
winds from China

KUALA LUMPUR

THE country is experiencing record low temperatures in several areas, with meteorological experts forecasting colder days ahead. Kuala Krai in Kelantan broke the record yesterday with its temperature dropping significantly from the 32°C recorded on Jan 7, to 17.2°C on Wednesday. It was 17.5°C yesterday.

Several countries in the region are also getting increasingly colder, with northern Vietnam snowing last month and Thailand's capital, Bangkok, hitting 15°C. The Malaysian Meteorological Department (MMD) is expecting this drastic weather change, attributed to cold dry winds from China which is currently experiencing winter, to gradually pass on sometime next month.

Its central forecast division director, Muhammad Helmi Abdullah, poured cold water on speculations that it could snow in Malaysia, a nation that sits on the equator.

"The months of January and February will usually record the lowest temperatures in the country every year because of the cold and dry air from the Northeast monsoon."

"However, over the last few days the temperatures recorded were below the average minimum temperature we had recorded in the past," he told the *New Straits Times* yesterday, adding that the huge drop in temperature was especially significant in some areas of the east coast and the north.

The department has also attributed the dip in temperature to the cloudless nights in recent days, which, otherwise, would serve to trap heat on the ground.

In **Perlis**, MMD's weather station in Chuping recorded the temperature in the district at 32°C on Wednesday. It recorded a 10°C drop yesterday.

The state, known as the hottest spot in the country where temperature can soar to 40°C, is expected to get colder in the next few days.

Earlier this month, the state recorded a temperature of 19.8°C. However, its record of 17.8°C was on Feb 26, 1994.



(From left) Muhd Amer Haikal Razali, Nur Aisyah Umairah dan Nur Shafiqah Muhammad of **Kampung Tualang**, Kuala Krai, wearing sweaters and jackets yesterday. Pic by Rohaida Omar

Drastic plunges in temperature within several hours were also recorded in Alor Star, Kedah and Besut in Terengganu.

Just on Wednesday, the temperature in Alor Star was 32°C. Yesterday, it dipped to 22°C.

Besut's temperature two days ago was 22°C. It was 30°C on Jan 7.

The department has cautioned those staying in areas, which are experiencing sudden dips in temperatures, to take precautionary measures to keep their health in check.

From observation, those staying in the affected areas were mostly wrapped in thicker clothing.

In **Kuala Krai**, locals wore socks at home and extra layers of clothing to stave off the cold.

Their blankets were also stored away as they had to rely on duvets to keep themselves warm at night.

Villager Rosmanita Zainal Abidin, 42, from Kampung Sungai Dala in Jalan Tualang here, said she had been boiling large pots of water every morning to bathe her children.

"Water from the tap has become too cold for bathing."

"Even during mid-day, water from the pipes feels like it is coming from the fridge."

Mohamed Mustapha Baharum, 62, said he had stopped his regular morning walk as it was too cold.

"Now, I prefer to snuggle under the blanket as it is too cold outside, not only in the morning but also in the late afternoon and night."

In **Arau**, food stall operators Mohd Suhail Safini, 18, and Sharul Azuan Kamarol, 28, said as the state experienced low temperatures especially at night, it would be too chilly to wear just a T-shirt.

The hawkers, who were wearing

jackets while attending to customers, were not complaining as their income had spiked in recent days.

"People tend to get hungry faster and eat more during cold weather."

Meanwhile, Perlis Menteri Besar Azlan Man, when contacted yesterday, said the change in weather would not effect the state's signature export — the Harumanis mangoes.

"The change in weather has not affected the Harumanis industry."

"We are lucky that this is happening after the flowering period and that there is no heavy and consistent rain, as that would have affected it."

"Right now, 90 per cent of the mangoes are ready for harvest and this should augur well for the impending Harumanis Festival, which is a tourist attraction," he said, adding that Perlis would be able to sustain its 10-tonne export of the fruit to Japan and Singapore.

Across the South China Sea in **Kota Kinabalu**, a temperature of 22.1°C was recorded yesterday.

The temperature here is expected to be between 20°C and 27°C until next week.

Keningau had recorded 17°C, even lower than Kundasang's highland temperature of 20°C.

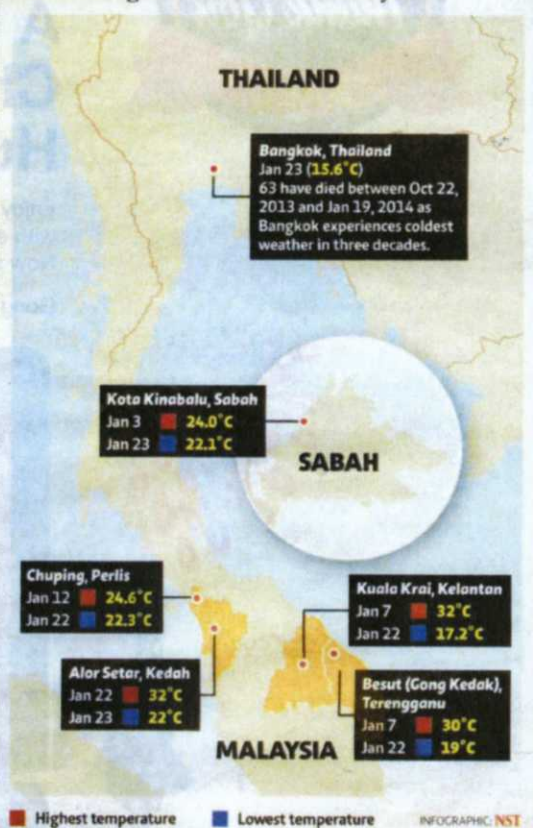
It has been 19°C for Ranau since last week.

"The highlands will be colder and it is not impossible for Mount Kinabalu to reach 15°C," said state MMD director Abdul Malik Tussin.

The department also said the video of snow falling in Indonesia was fake.

"Snow only happens in places with moderate climate and regions with four seasons."

Maximum and minimum temperatures at meteorological stations in January 2014



Weather

Kuala Krai
Kelantan, Malaysia
Thu, 23 Jan



A **handphone grab** of the weather reading in **Kuala Krai**, Kelantan, yesterday.

Sejuk tempias Hemisfera Utara

» Angin Monsun
Timur Laut
bawa kedinginan,
suhu di Malaysia
turun sehingga
4 darjah Celsius

INFO

Graf laluan Monsun Timur Laut yang berpunca daripada tiupan angin dari negara di hemisfera utara turut mempengaruhi Malaysia

Oleh Mohd Nasaruddin Parzi
dan Diyanah Anuar
bhnews@bh.com.my

► Kuala Lumpur

Cuaca sejuk yang dialami rakyat Malaysia terutama waktu malam sejak kebelakangan ini, adalah tempias cuaca sejuk melampau dari negara di hemisfera utara yang dibawa tiupan Monsun Timur Laut.

Angin monsun itu membawa kedinginan dari China, Siberia, Russia, Jepun, Kazakhstan dan Korea Selatan, yang kini menempuh musim sejuk di bawah bacaan suhu terendah sehingga -5 darjah Celsius.

Tiupan angin pada kelajuan antara 50 hingga 60 kilometer sejam itu, menyebabkan beberapa kawasan di Semenanjung, mengalami penurunan suhu antara satu hingga empat darjah.

Suhu semakin rendah

Kawasan Kuala Krai di Kelantan, yang pernah merekodkan suhu diangin serendah 16.2 darjah Celsius pada 1993, kini mencatatkan 17 darjah Celsius pada waktu malam.

Cameron Highlands yang dianggap hilang kedinginan berikutan

penerokaan tanah besar-besaran yang meningkatkan paras suhu sepanjang hari, merekodkan bacaan 12 darjah Celsius pada waktu malam.

Pengarah Pusat Cuaca Nasional, Jabatan Meteorologi Malaysia, Muhammad Helmi Abdullah, berkata kekurangan kepulan awan juga menyebabkan suhu rendah dan menjadikan cuaca sejuk.

"Ketidadaan awan menyebabkan haba terhasil di kawasan rendah, di-sejat pantas mengakibatkan bahang panas bertukar nyaman selepas jam 5 petang, sebelum semakin dingin waktu malam yang ditambah dengan tiupan angin.

"Kelajuan tiupan angin yang bertambah dan tiada kepulan awan di langit pada waktu malam, membuatkan suhu di kawasan terbabit terus menurun," katanya kepada BH, semalam.

Hemisfera Utara



Berakhir dua minggu lagi

Beliau berkata, walaupun Monsun Timur Laut bertiup antara Disember hingga Mac, namun suasana dingin yang dialami ketika ini dijangka berakhir dua minggu lagi susulan perubahan monsun.

"Fenomena ini akan berakhir apabila tiba musim peralihan dengan angin bertiup dari arah Lautan Pasifik," katanya.

Rekod meteorologi sehingga jam 8 malam tadi, suhu terendah di kawasan tanah rendah negara ini yang direkodkan oleh 39 stesen jabatan itu adalah 17.5 darjah Celsius di Kuala Krai.

Stesen kajian turut merekodkan suhu minimum tertinggi di daerah Mersing, Johor dengan bacaan 24.7 darjah Celsius. Secara purata, suhu minimum minggu kawasan tanah rendah yang diawasi merekodkan bacaan antara 19 hingga 24 darjah Celsius.

Muhammad Helmi berkata, tanah tinggi seperti Cameron Highlands dan Genting Highlands dijangka terus menurun sehingga 10 darjah Celsius.

Mengulas dakwaan kononnya kedinginan yang dialami boleh mencetuskan salji, Muhammad Helmi berkata, ia adalah mustahil termasuk Indonesia seperti dilaporkan media sosial.

"Tahap kedinginan melanda kebanyakan kawasan Semenanjung termasuk di tanah tinggi tidak akan menghasilkan salji seperti dihebohkan dalam media sosial," katanya.

INFO

Perubahan suhu

- ④ 40 Stesen Meteorologi seluruh negara
- ④ 19 - 24 darjah Celsius - purata suhu minimum kawasan pamah
- ④ 17 darjah Celsius suhu minimum di Kuala Krai
- ④ 12 darjah Celsius suhu minimum di Cameron Highlands



Kanak-kanak dari Kampung Tualang, (dari kiri) Muhd Amer Haikal Razali, 10, Nur Aisyah Umairah, 8 dan Nur Shafiqah Muhammad, 17, terpaksa memakai baju sejuk untuk pergi mengaji selepas suhu cecah 17 darjah Celsius melanda Kuala Krai. (ROHAIDA OMAR / BH)

KERATAN AKHBAR
BERITA HARIAN (NASIONAL) : MUKA SURAT 16
TARIKH : 24 JANUARI 2014 (JUMAAT)

Suhu sejuk mula melanda negara

» Penduduk Pantai Timur, Utara alami cuaca luar biasa sejak minggu lalu

Oleh Hanneeyzah Bariah Baharin, Suzianah Jiffar, Diyanah Anuar, Rohaida Omar dan Faizul Azlan Razak
 bhnews@bh.com.my

► Kuala Krai

Suhu sejuk melanda jajahan ini sejak seminggu lalu menyebabkan ramai penduduk menghadkan kegiatan, selain memakai pakaian tebal, terutama pada waktu malam.

Penduduk menyifatkan situasi ketika ini sebagai kejadian luar biasa kerana selalunya pada awal tahun, suhu jajahan terbabit kembali panas, selepas negeri dilanda banjir baru-baru ini.

Surirumah dari Kampung Sungai Dala, Rosmanita Zainal Abidin, 42, berkata suhu terlalu sejuk pada waktu pagi, menyebabkan beliau terpaksa menjerang satu periuk besar air untuk kegunaan

anaknya mandi sebelum ke sekolah.

Jerang air panas

"Biasanya, anak saya mandi air paip pada waktu pagi tanpa masalah. Namun, sekarang, tengah hari pun air paip masih terasa sejuk seperti dicampur ais, membuatkan anak yang baru balik sekolah enggan mandi.

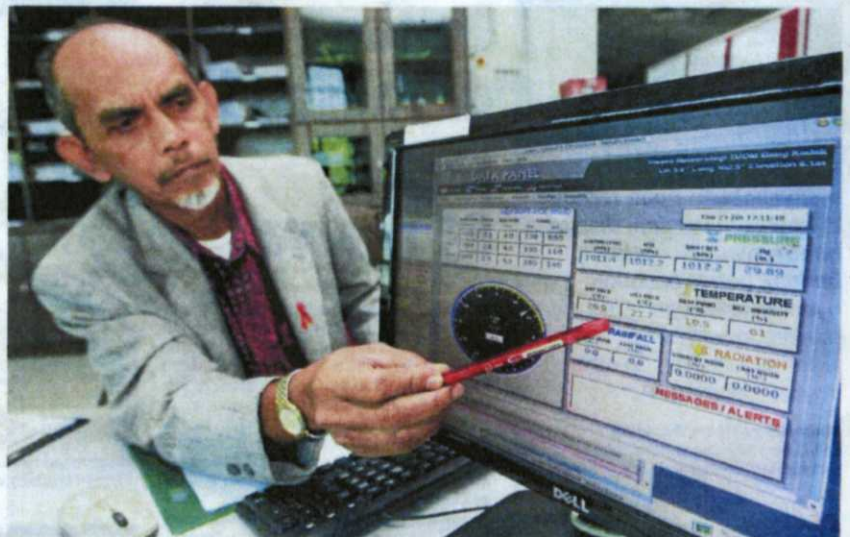
"Suasana dalam rumah pada waktu malam juga terasa bagaikan dipasang pendingin hawa hingga memerlukan selimut tebal untuk mengurangkan kesejukan.

"Keadaan ini memberi kesan kepada kesihatan suami saya, R Azmi Jaafar, 48, yang mengalami angin ahmar sejak tujuh bulan lalu," katanya.

Warga tua, Mohamed Mustapha Baharum, 62, berkata cuaca sejuk menyebabkan dia mengelak keluar rumah pada waktu malam dan awal pagi kerana bimbang akan masalah kesihatan diri.

"Suasana sejuk mula dirasakan selepas jam 5 petang membuatkan kami bagaikan berada di luar negara seperti yang sering ditonton dalam televisyen," katanya.

Penduduk Kampung Tualang, Rohaida Mohamed, 36, berkata suasana sejuk dialami ketika ini menyebabkan mereka tidak per-



Jenuwa menunjukkan data suhu yang dicatatkan di Terengganu.

lu menghidupkan kipas kerana keadaan terasa seperti menggunakan pendingin hawa.

Pakai stokin, selipar

"Sepanjang masa kalau berjalan dalam rumah pun perlu memakai selipar atau stokin bagi mengurangkan rasa sejuk," katanya.

Sementara itu, suhu serendah 17 darjah celsius sekitar Kuala Krai, Kelantan dan 19 darjah di Besut, disifatkan tahap paling sejuk pernah direkodkan di Pantai Timur.

Pengarah Meteorologi Terengganu/Kelantan, Jenuwa Husin, berkata penurunan suhu itu disifatkan rekod berbanding suhu biasa dicatatkan pada kadar paling minimum sebelum ini 23



Rosmanita Zainal Abidin



Rohaida Mohamed

darjah Celsius.

Di Sabah, Pengarah Meteorologinya, Abdul Malek Tusin, berkata fenomena cuaca sejuk sejak lima hari lalu menyaksikan Keningau mencatat suhu terendah 17 darjah Celsius, lebih rendah berbanding tanah tinggi Kunda-

sang pada tahap 20 darjah Celsius.

Katanya, walaupun tidak dilakukan sebarang pengukuran, namun suhu di puncak Gunung Kinabalu, dijangka lebih sejuk berbanding suhu normal iaitu di bawah 15 darjah Celsius.

KERATAN AKHBAR
SINAR HARIAN (NASIONAL) : MUKA SURAT 12
TARIKH : 24 JANUARI 2014 (JUMAAT)

Cuaca sejuk di Pantai Timur

SITI FATIHAH AWANG &
RAHAYU MUSTAFA

KOTA BHARU - Keadaan suhu sejuk dan mendung seharian mencetuskan suasana baharu yang tidak pernah dialami masyarakat negara ini.

Tidak terkecuali di Kelantan, apabila beberapa lokasi di negeri ini mencatatkan suhu terendah dalam sejarah.

Pengarah Pejabat Meteorologi Kelantan dan Terengganu, Jenuwa Husin berkata, penurunan suhu dan udara yang sejuk dialami beberapa daerah di negeri ini merupakan satu rekod baharu.

Menurutnya, daerah Kuala Krai mencatatkan suhu penurunan minimum sehingga 17 darjah Celsius pada jam 7 pagi kelmarin berbanding 21.8 Celsius suhu purata.

"Penurunan suhu di Kuala Krai itu adalah yang paling mi-

nimum manakala Pasir Putih pula mencatatkan bacaan 19 darjah Celsius selain Kota Bharu dan Gong Kedak dengan purata 20 hingga 25 darjah Celsius.

"Di antara punca utama penurunan suhu itu ialah disebabkan tekanan suhu sejuk di tanah besar China yang memasuki Laut China Selatan selain daripada keadaan musim tengkujuh yang melanda kawasan Pantai Timur yang masih belum tamat," katanya.

Menurutnya, fenomena tekanan suhu dari China itu terjadi semasa monsun timur laut dan tiupan angin kencang tersebut berlaku apabila kurangnya awan terbentuk pada waktu malam di kawasan Pantai Timur Semenanjung.

Beliau berkata, disebabkan penurunan itu penduduk di kawasan berhampiran pantai terutamanya akan mengalami



Keadaan cuaca di ruang udara di Kota Bharu yang redup dan berkabus. Pada jam 7 pagi suhu bandar ini mencatatkan 24 darjah Celsius berbanding 20 darjah Celsius hari sebelumnya.

suhu sejuk yang terlampau berbeza dengan keadaan biasa.

Dalam masa sama, Jenuwa berkata, amaran ketiga angin kencang dan laut bergelora dikeluarkan pihak Meteorologi kepada nelayan dan orang

awam bagi mengurangkan sebarang aktiviti pantai.

"Angin kencang Timur Laut dengan kelajuan dari 60 kilometer sejam dengan ketinggian ombak melebihi 5.5 meter yang berlaku di kawasan perairan Kelantan, Terengganu, Pahang, Johor Timur, Sabah Wilayah Persekutuan Labuan dan Sarawak dijangka berterusan sehingga Sabtu ini.

Untuk rekod, suhu di tanah tinggi Cameron Highland purata sekitar 12 hingga 26 darjah Celsius manakala 13-16 darjah Celsius pada waktu pagi.

Sementara itu, tinjauan Sinar Harian di negeri ini mendapati keadaan cuaca sepanjang hari redup dan sejuk. Orang ramai dan murid-murid sekolah yang mengenakan baju sejuk di luar bangunan walaupun pada jam 11 pagi.

Seorang penduduk di Kuala Krai, Rosdi Ismail, 49, berkata, perubahan mendadak suhu sejak selepas banjir gelombang kedua begitu dirasai.

Menurutnya, kedudukan kampung berkenaan yang dikelilingi bukit menyebabkan kesannya begitu terasa.

"Setiap kali keluar rumah untuk ke tempat kerja saya akan memakai baju sejuk kerana tidak tahan dengan cuaca sejuk sekarang," katanya.

Suhu di Besut 19 darjah Celsius

Suhu di kawasan Besut pula mencatatkan penurunan sehingga 19 darjah Celsius pagi kelmarin, menjadikan ia rekod suhu terendah yang pernah dicatatkan di daerah itu.

Jenuwa berkata, suhu itu disifatkan sebagai satu rekod ke-

rana suhu biasa yang dicatatkan paling minimum bagi dua kawasan itu sebelum ini hanyalah sekitar 23 darjah Celsius.

Katanya, daerah lain di Terengganu iaitu Kuala Terengganu, Marang dan Kemaman mencatatkan sedikit penurunan iaitu sekitar 21 darjah Celsius berbanding hari biasa.

Selain itu katanya, Jabatan Meteorologi turut memaklumkan, angin kencang timur laut berkelajuan dari 60 kilometer sejam dengan ombak melebihi 5.5 meter yang berlaku di kawasan perairan Terengganu dan Kelantan dijangka berterusan sehingga Sabtu ini.

Menurut beliau, kawasan pantai di Kelantan, Terengganu, Pahang dan Johor Timur turut terdedah kepada kejadian kenaikan paras air laut dan keadaan itu dijangka berterusan sehingga Sabtu ini.

"Angin kencang dan laut bergelora ini berbahaya kepada semua aktiviti pantai dan perkapalan termasuk pekerja di pelantar minyak," katanya.

Seorang penduduk di Besut, Yusof Ali, 72, berkata, keadaan suhu sejuk dirasakan sejak beberapa hari lalu, memaksa dia memakai baju lebih tebal.

Menurutnya, seingatnya, kali terakhir suhu sejuk berlaku di daerah ini ketika dia berusia 15 tahun, kira-kira 57 tahun lalu dan tidak berlaku lagi selepas itu sehinggalah ia berulang sekarang.

FOTO KHIR SHAFIEH

KERATAN AKHBAR
SINAR HARIAN : MUKA SURAT 12
TARIKH: 24 JANUARI 2014 (JUMAAT)

Suhu turun mendadak

KUANTAN - Jabatan Meteorologi semalam mencatatkan suhu di tiga daerah di negeri ini turun mendadak sehingga 19 darjah Celsius.

Tiga daerah terbabit ialah Cameron Highlands yang mencatatkan suhu paling rendah iaitu 12 darjah Celsius dan maksimum ialah 22 darjah Celsius manakala suhu minimum di Kuantan dan Temerloh ialah masing-masing 22 dan 19 darjah Celsius.

Suhu berkenaan bagaimanapun tidak sama seperti yang diramalkan iaitu paling minimum 22 darjah Celsius dan maksimum 31 darjah Celsius.

Jabatan Meteorologi melalui laman webnya meramalkan suhu dalam seminggu daerah ini adalah di antara 22 darjah Celsius (minimum) dan maksimum sehingga 31

darjah Celsius.

Bagi daerah Bentong dan Bera suhu minimum dan maksimum dalam tempoh tujuh hari ialah 23 darjah Celsius dan 31 darjah Celsius manakala Rompin dan Pekan ialah 23 darjah Celsius dan suhu maksimum yang dicatatkan hingga 33 darjah Celsius.

Ramalan untuk daerah Cameron Highlands pula ialah minimum 14 darjah Celsius dan maksimum 22 darjah Celsius dan Raub ialah 22 darjah Celsius dan maksimum 31 darjah Celsius.

Bagi daerah Temerloh, Jerantut, Kuantan, Lipis dan Maran, suhu maksimum yang diramalkan sepanjang seminggu bermula semalam ialah 22 darjah Celsius dan maksimum 31 darjah Celsius.

KERATAN AKHBAR
UTUSAN MALAYSIA (DALAM NEGERI) : MUKA SURAT 5
TARIKH : 24 JANUARI 2014 (JUMAAT)

Suhu sejuk di pantai timur Johor cecah 17°C

KUALA LUMPUR 23 Jan. - Beberapa buah kawasan di negeri pantai timur dan Johor dilanda cuaca sejuk apabila mencatatkan suhu purata serendah 17 darjah celsius.

Pengarah Pusat Ramalan Jabatan Meteorologi, Muhamad Helmi Abdullah berkata, keadaan yang dijangka berlanjutan sehingga minggu depan itu berlaku ekoran perubahan aliran udara sejuk dan tiupan angin yang berlaku di Laut China Selatan.

Katanya, suhu berkenaan antara yang paling rendah pernah dicatatkan rekod Stesen Meteorologi sejak lebih 20 tahun lalu.

"Kita pernah catat suhu yang sama sebelum ini di beberapa kawasan di negeri pantai timur dan kali ini berlaku di Kuala Krai, Kelantan apabila suhu dicatat sekitar 17 darjah celsius.

"Bagaimanapun, ini adalah fenomena biasa yang berlaku pada musim monsun dan keadaan cuaca negara kita dipengaruhi oleh aliran sejuk dari China dan Siberia," katanya kepada *Utusan Malaysia* ketika dihubungi di sini hari ini.

Difahamkan, terdapat beberapa sumber di internet yang memaklumkan beberapa kawasan dilanda cuaca sejuk luar biasa antaranya Gua Musang, Kelantan yang mencatatkan suhu purata 19 hingga 21 darjah celsius menyamai suhu di Cameron Highlands sedangkan kebiasaannya adalah 30 hingga 35 darjah celsius.

Selain itu, laman perkongsian video, YouTube turut menggemparkan orang ramai apabila memaparkan rakaman sebuah daerah di Indonesia dilanda salji, bagaimanapun belum ada pihak mengesahkan kejadian itu sehingga kini.

KERATAN AKHBAR
BERITA HARIAN (NASIONAL) : MUKA SURAT 16
TARIKH : 24 JANUARI 2014 (JUMAAT)

Perlis alami suhu nyaman

Kangar: Perlis yang pernah mencatatkan suhu paling panas iaitu 40.1 darjah celsius pada 1998, kini mengalami perubahan suhu yang nyaman.

Ini kerana suhu sekitar negeri ini kini berada pada tahap 20 darjah celsius pada waktu malam.

Pengarah Pusat Cuaca Nasional JMM, Muhammad Helmi Abdullah, berkata catatan suhu yang rendah kerana Monsun Timur Laut itu dialami kebanyakan negeri sebelah pantai timur Semenanjung.

Pilih pakaian sesuai

"Pada awal Januari lalu, Stesen Meteorologi Chuping, pernah mencatatkan suhu 19.8 darjah celsius, manakala suhu terendah pernah direkodkan di stesen itu adalah 17.8 darjah celsius pada 26 Februari 1994," katanya.

Beliau menasihatkan orang ramai supaya memakai pakaian yang bersesuaian jika perlu melakukan aktiviti luar pada waktu malam berikutan perubahan suhu yang ditempuh ketika ini.

Farmers feel the pressure of cold spell

PETALING JAYA: If you noticed that the weather is slightly cooler these few days, you are not alone.

The Meteorological Department said it is normal for it to be cooler this time of the year, but many remember that it was warmer around this period in 2013 and before that.

Farmers in Cameron Highlands have been complaining of extra low temperatures that are extending the maturity period of their crops.

Chai Kok Leong, 45, the owner of a vegetable farming business in Brinchang, watched in frustration as his crops took longer to grow.

"For example, when the minimum temperature was 18°C, we harvested cabbages in three months.

"Now that the temperature has declined to 12°C, we are forced to wait an extra half a month before we can sell them," he said.

Another farmer, Tan Ching Long, said he waited patiently for his Cameron apples to grow, but saw many of them wither.

"The apples that survived were not as big as before," he said.

Not all vegetable farmers were alarmed.

Lim Hock Ling, 43, believed that the phenomenon will only affect fruits and vegetables temporarily.

On a scale of 10, two would describe the extent to which his vegetables were affected, said Lim.

Cooler days ahead in M'sia

Many part of the country to experience cold north- easterly wind

PETALING JAYA: It's going to be a chilly Chinese New Year with the cold north-easterly wind forecast to continue for the next few weeks.

Many parts of the east coast and northern and central regions are experiencing cold weather because of the wind, according to the Meteorological Department.

It said that cities and towns like Subang Jaya, Kota Kinabalu, Sandakan, Kota Baru, Kuantan and Petaling Jaya are experiencing temperatures of below 25°C similar to conditions in Cameron Highlands and Genting Highlands.

Yesterday, Kuala Krai recorded a temperature of 17.2°C – the lowest for a lowland area.

From Jan 1 to 2, the lowest recorded temperatures were 21°C for Kuantan, 22.1°C for Kota Kinabalu, 23.6°C for Petaling Jaya, 23°C for Kota Baru and 22°C for Kuching. Alor Setar and Chuping in Perlis experienced temperatures of 22.4°C and 23.3 °C, respectively.

Meteorological Department deputy director Alui Bahari dismissed speculation that the drop in temperatures was due to the lack of activity in the sun, or what is called the "sleeping sun" phenomenon.

"Based on our records, January is always the coldest month," he said.

According to Alui, the dip in temperatures is due to the cold north-easterly winds, and this is not the first time that such a drop has occurred.

Minimum temperatures in selected areas

Station Date	Subang	Kuantan	Kuching	Kota Kinabalu	Chuping	Kuala Krai	Mersing
1	24.0	23.1	23.4	23.2	24.0	23.4	25.8
2	24.2	24.1	22.5	24.0	24.6	23.4	26.4
3	23.9	23.7	22.7	24.0	24.4	23.0	24.4
4	23.2	22.2	23.0	23.3	24.0	22.9	24.0
5	23.3	24.1	22.6	23.5	24.1	22.6	22.8
6	23.3	23.5	22.3	22.8	23.9	23.3	25.2
7	24.0	24.1	23.3	22.9	23.9	23.1	24.9
8	23.5	23.7	22.9	23.9	24.6	23.0	24.8
9	23.3	22.7	22.5	22.3	23.2	22.8	23.7
10	24.1	22.5	22.3	23.1	24.3	23.5	24.1
11	23.5	22.4	22.3	23.7	24.1	22.3	23.3
12	24.2	23.5	22.7	23.9	24.6	22.8	24.8
13	23.1	23.1	23.7	23.0	23.6	22.5	25.6
14	23.9	22.9	23.6	23.0	24.2	21.3	25.8
15	23.2	22.0	22.9	23.3	23.2	20.6	24.8
16	22.3	22.3	24.1	22.7	23.0	22.2	25.4
17	22.5	22.2	22.0	22.1	22.7	21.7	24.3
18	23.9	22.1	24.1	22.5	22.3	21.4	25.4
19	23.0	21.6	23.0	22.1	22.5	18.5	25.2
20	23.3	21.1	23.2	22.3	22.4	21.4	24.9
21	22.9	21.0	23.4	22.4	22.6	19.0	25.0
22	22.3	21.1	22.5	22.6	22.3	17.2	24.8

Source: Meteorological Dept.

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He added: "Temperatures fluctuate from time to time. Such low recordings are usual and have happened many times during the season.

"The north-easterly wind which is

pretty strong comes from mainland China, which is experiencing cold weather right now.

"Also, good weather and non-cloudy conditions in Malaysia this week helped reduce the tempera-

tures in the early morning and night.

"Atmosphere without clouds is similar to a situation where there is no blanket to keep us warm. The blanket is the cloud and our body is earth."