

GEOGRAPHY

Water and weather

It is not necessary to carry out all the activities contained in this unit.

Please see *Teachers' notes* for explanations, additional activities, and tips and suggestions.

Theme	Water and weather	
All students: Activities that are suitable for Learning Support, Language Support and the Mainstream Subject Class include:	Keywords	3
	Vocabulary File	4-6
	Activating Students' Existing Knowledge	7
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	Preparing a talk	15
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Learning support and Language support: Activities suitable for students receiving Learning or Language Support include:	Working with words	8
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	Geography Keywords	11
	Unscramble the letters	12
	Alphaboxes	18
Language support: Additional activities for Language Support:	Grammar points	16-17
	Levels for Language Support A1 – B1 The language level of each activity is indicated in an information box.	
Learning focus	Using Geography textbooks and accessing curriculum content and learning activities.	
Acknowledgement	The <i>English Language Support Programme</i> acknowledges the permission of Gill and Macmillan to reproduce excerpts from <i>The Human Planet</i> by Patrick E.F. O' Dwyer.	

Note: The categorisation of activities is indicative only and should not prevent teachers from using any activities that are considered suitable for a particular group of students.

Making the best use of these units

Learning Record

A copy of the Learning Record should be distributed to each learning support and language support student.

Students should:

1. Write the subject and topic on the record.
2. Tick off/date the different statements as they complete activities.
3. Keep the record in their files along with the work produced for this unit.
4. Use this material to support mainstream subject learning.

Introduction of a topic or activity should ensure that students understand **what** they are doing and **why**. Many students will have some difficulty in understanding both the language in the activity and the instructions/purpose for carrying out the activity.

You can create your **personal teaching resource** by printing these units in full and filing them by subject in a large ring binder.

Encourage students to:

- Bring the relevant **subject textbooks** to learning/language support class. It does not matter if they have different textbooks as the activities in these units refer to vocabulary and other items that will be found in all subject textbooks. These units are based on curriculum materials.
- Take some **responsibility for their own learning** programmes by:



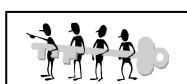
Developing a **personal dictionary** for different subjects, topics, and other categories of language, on an on-going basis. This prompt is a reminder.



Recording what they have learnt on the **Learning Record**, which should be distributed at the start of each unit.



Keeping their own **files** with good examples of the work produced for different subjects and topics. This file will be an invaluable **learning resource** in supporting mainstream learning.



Indicates that answers may be found at the end of the unit.

Don't forget that many of the activities in these units are also suitable as **homework** tasks or for **self-study**.

Keywords

The list of keywords for this unit is as follows.

Nouns

Beaufort scale
condensation
forecast
day
gale
gauge
humidity
meteorologists
moisture
month
precipitation
rain
scale
sleet
sun
sunshine
thermometer
trees
vapour

water
weather
wind
windmills

Verbs

to condense
to evaporate
to forecast
to measure
to rise

Adjectives

convictional
cyclonic
dry
high
relative

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Vocabulary file 1

Word	Meaning	Note or example*
thermometer		
gale		
gauge		
measure		
meteorologist		
humidity		
moisture		

* You may wish to write a sentence or phrase, make a note of the page in your textbook where this word appears or, if English is not your first language, provide a translation into your language.



Get your teacher to check this and then file it in your resource folder so you can use it in the future.

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Vocabulary file 2

Word	Meaning	Note or example
weather		
forecast		
condensation		
precipitation		
sleet		
vapour		
relative		



Get your teacher to check this and then file it in your resource folder so you can use it in the future.

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Vocabulary file 3

Word	Meaning	Note or example
evaporate		
rise		
forecast		
condense		
dry		
high		
sunshine		



Get your teacher to check this and then file it in your resource folder so you can use it in the future.

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Language Level: All
Type of activity: Whole class
Suggested time: 10 minutes

Activating students' existing knowledge

Use a spidergram to activate students' ideas and knowledge on the key points in this chapter. See **Teachers' Notes** for suggestions.

Possible key terms for the spidergram:

weather

water

- Invite newcomer students to provide key words in their own languages.
- Encourage dictionary use.
- Encourage all students to organise their vocabulary into relevant categories (e.g. meaning, nouns, keywords, verbs etc.).



All students should record vocabulary and terms from the spidergram in their personal dictionaries.

Language Level: A1
Type of activity: Pairs or individual
Suggested time: 30 minutes

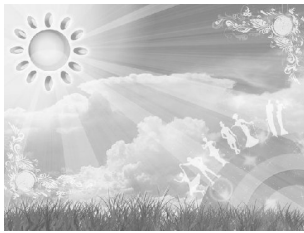
Working with words - Tick the correct answer

1)



- a) mountain
- b) rain
- c) snow
- d) car

2)



- a) sunshine
- b) snow
- c) cold
- d) rain

Put a circle around the words that refer to 'wet' or 'wetness'.
Use your dictionary or textbook if you are not sure.



condensation		sunshine
rain	sleet	
	dry	clouds
snow		wind
moisture	ice	damp
hot	humidity	

Language Level: A1
Type of activity: Pairs or individual
Suggested time: 30 minutes

Picture sentences - Tick the correct answer

1.

- a) These are clouds.
- b) This is rain.
- c) This is maths.



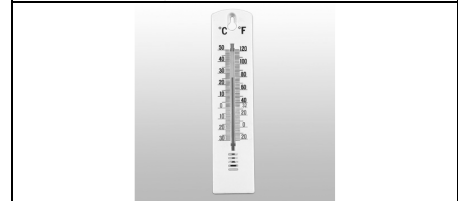
2.

- a) This is a bike.
- b) This is rain.
- c) This is the sun.



3.

- a) This is a box.
- b) This is a thermometer.
- c) These are clouds.



4.

- a) This is a boat.
- b) This is a thermometer.
- c) These are clouds.



Finish these sentences using words from the box. You should use each word once.

- 1. The thermometer tells us the _____ .
- 2. Clouds usually mean _____ .
- 3. Rain fills _____ and lakes.
- 4. Frozen water is _____ .
- 5. Humidity is caused by _____ .

water	rain
rivers	temperature
	ice

Language Level: A1 / A2
Type of activity: Pairs or individual
Suggested time: 30 minutes



Odd One Out Geography

Circle the word which does not fit with the other words in each line.

Example: *apple orange banana taxi*

1. measure thermometer house humidity

2. vapour rain gale box

3. cyclonic clouds gauge music

4. wind snow rain people

How many words can you think of that are related to **weather**?

You have 3 minutes to write as many as you can. You can use your textbook if necessary but you will be faster without it!



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Language Level: A2 / B1
Type of activity: Individual
Suggested time: 40 minutes

Geography keywords

Fill in the missing letters of the keywords listed below.
On the line beside each word, write whether the word is a noun, an adjective or a verb.

1. m_as_re _____
2. ga_g_ _____
3. s_nsh_n_ _____
4. Be_uf_rt s __ _ le _____ (why does the first word have a capital B?)

Write a short piece of text which includes all these words. Look at your textbook if you need help.

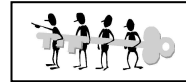


Check that these keywords are in your personal dictionary.



Have you ticked this activity on your Learning Record?

Language Level: A1 / A2
Type of activity: Pairs or individual
Suggested time: 20 minutes



Unscramble the letters

1. The most common substance on earth WTAER

Answer _____

2. This is water in any form PRECIPTIATNOI

Answer _____

3. The first stage in the water cycle EPVAORTAINO

Answer _____

4. Water changes from a liquid to gas VPAORU

Answer _____

Look at each word as you write the answer.

Is your spelling correct?

Can you pronounce the word?

Do you know what the word means?

Have you got this word in your personal dictionary?



Solve the secret code

English=	R	C	D	E	F	I	N	M	O	S	T	U
Code=	B	X	Y	F	G	Q	R	O	L	E	A	W

example: EAWYFRA = STUDENT

OLQEAWBF: _____

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Language Level: A2 / B1
Type of activity: Pairs or individual
Suggested time: 30 minutes



Completing sentences

Fill in the blanks in these sentences. Use words from the Word Box below.

_____ is the most common substance on earth. It covers more than seventy per cent of the earth's surface. It fills the _____, rivers and lakes and is in the ground and in the air we breathe. Water is everywhere. Without water there can be no life. Every living thing, plants, animals and people must have water to live. In fact every living thing _____ mostly of water. Your body is about two-thirds water. A chicken is about three-quarters water and a pineapple is about four-fifths water. Most scientists believe that life itself began in water - in the salty water of the sea. The salty taste of our blood, sweat and tears suggests that this might be true. Water is constantly being processed between the oceans, the _____ and the ground. It involves _____, transportation and deposition.

Word Box

consists atmosphere evaporation
water oceans

Circle the correct answer:

chicken	a noun	an adjective	a verb
salty	a noun	an adjective	a verb
to live	a noun	an adjective	a verb
scientists	a noun	an adjective	a verb

Language Level: A2 / B1
Type of activity: Individual
Suggested time: 30 minutes



Multiple choice

(Read the text below and choose the best answers)

Text:

When the sun's rays evaporate water it changes from a liquid humidity to a gas. This gas is called water vapour. The terms humidity or relative humidity (RH) refer to the amount of water vapour in the air at any given time. As the temperature of air varies so also does the amount of its water vapour because hot or warm air can hold more water vapour than cold or cool air. When air can hold no more water vapour it is said to be saturated. Any excess water will change into tiny water droplets forming cloud or mist.

Why do wet things get dry? Sweat cools you down as it evaporates from your skin.

Where does the water go when a puddle dries up? The water slowly changes into vapour and spreads.

1. What do sunrays change water into?
a) gas
b) lunch
c) dinner
d) tea
2. What is the gas called?
a) oxygen
b) carbon
c) vapour
d) Beaufort
3. What is the amount of water in the air called?
a) humidity
b) sunshine
c) nothing
d) oxygen
4. The air is said to be saturated when it can hold no more vapour.
a) Yes
b) No
5. Does excess water change into cloud or mist?
a) Yes
b) No

How many words do you know to describe **weather**?
Write them down.

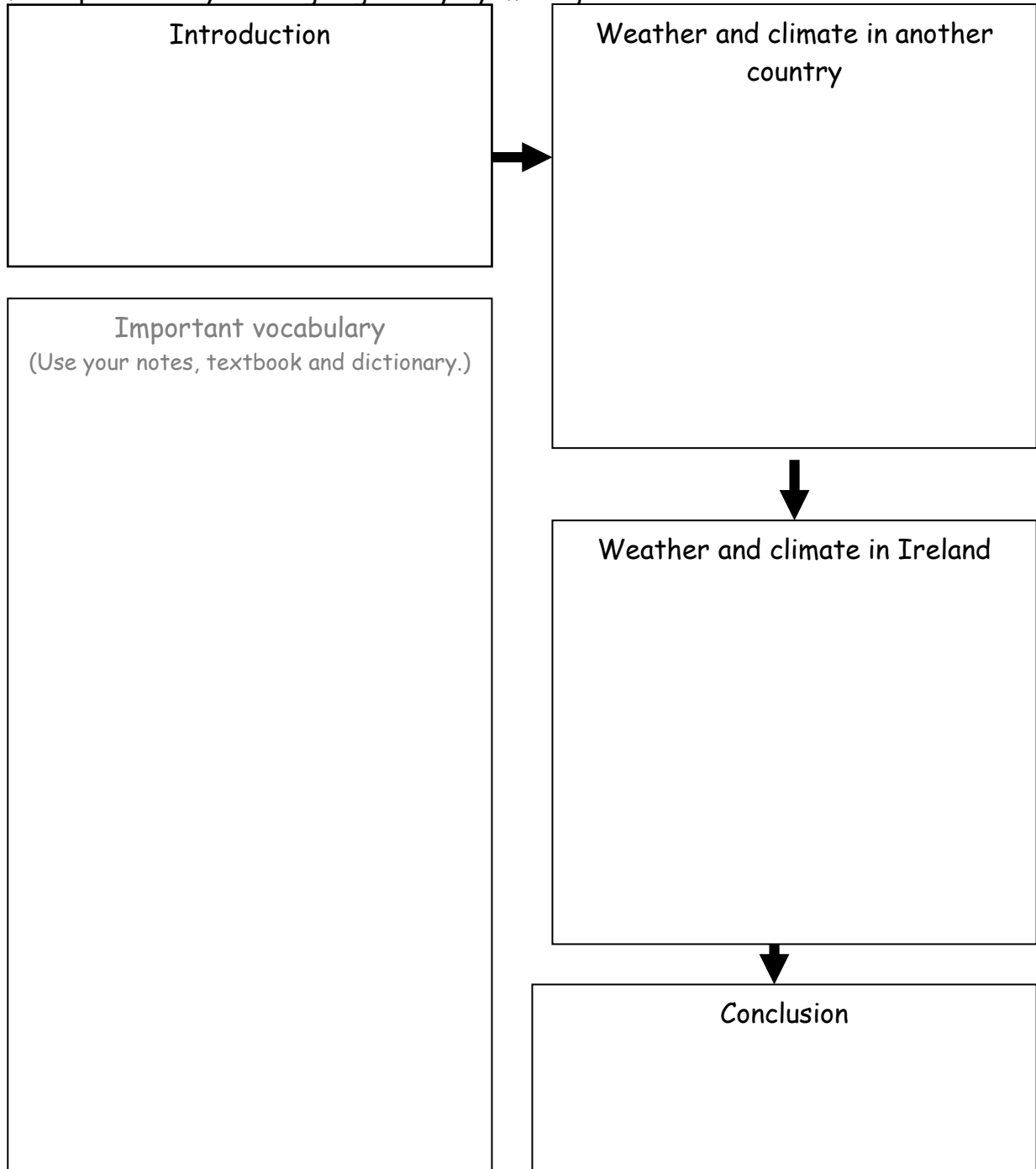
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Language Level: A2 / B1
Type of activity: Pairs / small groups
Suggested time: 40 minutes

Preparing to give a short talk

You must give a talk to the other people in your class. The topic of your talk is:
A comparison of the weather and climate between another country and Ireland.

First plan what you are going to say by making notes on this chart:



Language Level: All
Type of activity: Individual
Suggested time: 30 minutes

Grammar points

In this Unit, we came across the following adjectives:

- living
- cold
- dry

Look up these words in your dictionary and write the opposite and your own definition.

Adjective	Meaning	Opposite	Word in my language
living			
cold			
dry			

Adjective Hunt

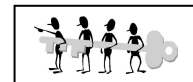
Circle 10 adjectives in these columns.

Score 4 points for each correct answer.

Who will score the highest? Perhaps you will. Good luck!

fair	measure	sleet
hot	good	vapour
high	difficult	open
thermometer	sun	cap
clear	dangerous	water
clouds	meteorologist	gale
Beaufort	slow	fast

Score: _____ points



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Language Level: All
Type of activity: Individual
Suggested time: 30 minutes

Grammar points

In this Unit, we came across the following nouns.
Look through your textbook to find these words. Check the meanings in your dictionary.
Write a short sentence using each word as a noun. You can use your textbook to help you.

rain _____

sun _____

water _____

oceans _____

thermometer _____

atmosphere _____



Get your teacher to check this, then file it in your folder so you can use it in the future.



Have you ticked
this activity on your
Learning Record?

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Alphaboxes

Using your textbook, find **one** word beginning with each of the letters of the alphabet. Write the word in the relevant box. You could also write the word in your own language.

a	b	c
d	e	f
g	h	i
j	k	l
m	n	o
p	q	r
s	t	u
v	w	xyz

Do you understand all these words?



Get your teacher to check this, then file it in your folder so you can use it in the future.

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Word search

Find the words below.

F B E A U F O R T
N I Y U O S B X H Z E J P
O P W W D Z G Z U U W I K J J C P
U N P D T U B U I M O R O E Z V U N L
C Y G Q Q B Z E Q C O N V E C T I O N A L
Y J V V W C V I M R J U W P L R T D Q E S
P R E C I P I T A T I O N D X F S L V E Z D P
M E T E O R O L O G I S T S Q P V D Q Q S T Y
G C L O U D S V A P O U R K U C Q H I G H E S T T
J G L O D F O R E C A S T R P V V Z O K A D C F H
L T N D D L E Q C Z C G N H C X L O L D H G R V N
Z T T H E R M O M E T E R V A Y K H U M I D I T Y T X
H Z S W I M X O L F T P Z D V A C D N Q C O O L S L S
N N F E H V C G R W B W S N B A C R R M E A N Q F B Q
Y K I H Y W I S X G R X C O N D E N S E S U V V M
D H K E P Q A V M O I S T U R E C V S N V X J K A
Z C K R A I N J V F R I G A U G E K Z X J S O B X
Z T M F O H M H J R N J C G J P A Q B F W D P
Q Z V C Y R N V C D L K W R L C L Z C Z K B N
V E V A P O R A T I O N C H A R T J S H J
V A Q Q C Y M O U D E N Z I Z I C J X Q J
T E M P E R A T U R E M T X G A L E Q
N X W R C B V S M N A C S W T N A
B S I J U I N D J B E V L
S X K L Q E H Q P

BEAUFORT	COOLS	HIGHEST	PRECIPITATION
CHART	EVAPORATION	HUMIDITY	RAIN
CLOUDS	FORECAST	MEAN	TEMPERTURE
CONDENSES	GALE	METEOROLOGISTS	THERMOMETER
CONVECTIONAL	GAUGE	MOISTURE	VAPOUR

NAME: _____ DATE: _____
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Play Snap

Make Snap cards with 2 sets of the same keywords. See *Notes for teachers* for ideas about how to use the cards.



thermometer	thermometer
evaporation	evaporation
relative	relative

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precipitation

precipitation

vapour

vapour

humidity

humidity

NAME: _____ DATE: _____
GEOGRAPHY: Water and weather

clouds

clouds

forecast

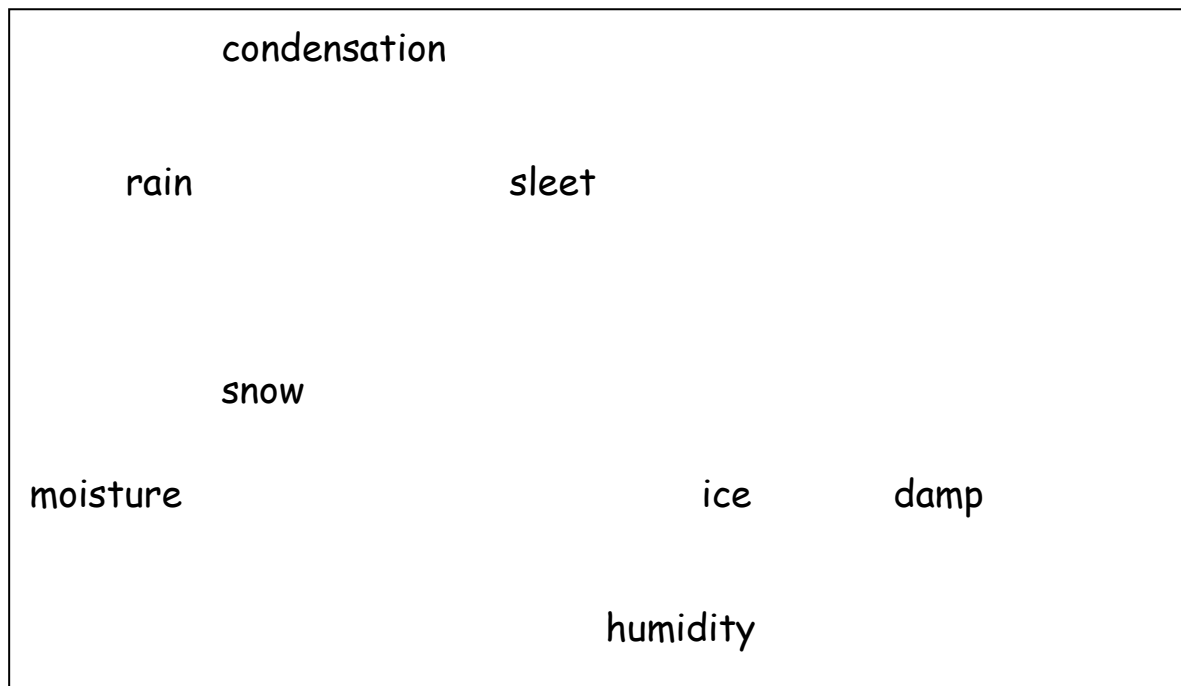
forecast

weather

weather

NAME: _____ DATE: _____
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Answer key



Odd One Out = house, box, music, people

Letter Scramble = water, precipitation, evaporation, vapour

Secret Code = moisture

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Completing Text =

Water

Water is the most common substance on earth. It covers more than seventy per cent of the earth's surface. It fills the oceans, rivers and lakes and is in the ground and in the air we breathe. Water is everywhere. Without water there can be no life. Every living thing, plants, animals and people must have water to live. In fact every living thing consists mostly of water. Your body is about two-thirds water. A chicken is about three-quarters water and a pineapple is about four-fifths water. Most scientists believe that life itself began in water - in the salty water of the sea. The salty taste of our blood, sweat and tears suggests that this might be true. Water is constantly being processed between the oceans, the atmosphere and the ground. It involves evaporation, transportation and deposition.

(The Human Planet, page 92)

Multiple Choice =

a, c, a, a, a

Grammar Points = fair, hot, high, clear, good, difficult, dangerous, slow, open, fast

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Word Search:

F B E A U F O R T
N I Y U O S B X H Z E J P
O P W W D Z G Z U U W I K J J C P
U N P D T U B U I M O R O E Z V U N L
C Y G Q Q B Z E Q G O N V E G T I O N A L
Y J V V W C V I M R J U W P L R T D Q E S
P R E C I P I T A T I O N D X F S L V E Z D P
M E T E O R O L O G I S T S Q P V D Q Q S T Y
G C L O U D S V A P O U R K U C Q H I G H E S T T
J G L O D F O R E C A S T R P V V Z O K A D C F H
L T N D D L E Q C Z C G N H C X L O L D H G R V N
Z T F H E R M O M E T E R V A Y K H U M I D I T Y T X
H Z S W I M X O L F T P Z D V A C D N Q G O O L S L S
N N F E H V C G R W B W S N B A C R R M E A N Q F B Q
Y K I H Y W I S X G R X G O N D E N S E S U V V M
D H K E P Q A V M O I S T U R E C V S N V X J K A
Z C K R A I N J V F R I G A U G E K Z X J S O B X
Z T M F O H M H J R N J C G J P A Q B F W D P
Q Z V C Y R N V C D L K W R L C L Z C Z K B N
V E V A P O R A T I O N C H A R T J S H J
V A Q Q C Y M O U D E N Z I Z I C J X Q J
T E M P E R A T U R E M T X G A L E Q
N X W R C B V S M N A C S W T N A
B S I J U I N D J B E V L
S X K L Q E H Q P