

NEWSTEAD DOWSING RESEARCH PROJECT 2026 – SESSION 1



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Mave Calvert, March 2026

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PROJECT OVERVIEW

The aim of this dowsing research project is to explore different aspects of tree, water, and earth energies and to investigate how the different aspects are related, as well as how they are affected by the Solar Noon transition period (the 20-minute period leading up to Solar Noon) and the mid-afternoon transition period (3pm to 3:15pm).

The project at Newstead will be led by Mave Calvert. Other individuals and groups have expressed interest in carrying out parallel research in other locations, which will allow us to compare our findings.

The Newstead project will comprise 8 sessions:

1	Saturday 11th April 2026	Tree Energies
2	Saturday 9 th May 2026	Water Energies
3	Saturday 13 th June 2026	Earth Energies
4	Sunday 21 ^s June 2026	Summer Solstice Energies
5	Saturday 11 th July 2026	Beacon Tree Energies
6	Saturday 8 th August 2026	Landscape Pentagram Energies
7	Saturday 12 th September 2026	New Moon Energies
8	Wednesday 23 rd September 2026	Autumn Equinox Energies

ASSOCIATED INFORMATION

All the project documentation is available in PDF format on Mave's website.

As well as the Project Summary and details of each individual session, there is a document containing the pendulum dowsing charts that you may wish to use and a document containing information about the location, geology and a brief history of the Newstead area:

[Research Project \(List\) | The Sherwood Dowser](#)

The Appendices to this document give more information on the structure of the various things that we will be dowsing along with Mave's take on these, which sometimes differs because her self-taught deviceless dowsing techniques have allowed her to approach these things a more holistic 3D context than the conventional tool Dowser.

As this is a research project, please remain open-minded and go with your own findings even if they are unexpected and different to what other Dowzers find. That's how we learn and discover new things!

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SESSION 1 – TREE ENERGIES

The aim of this session is to explore the energy fields of trees and the straight lines of energy that connect them to other trees. We will investigate whether some Capped Vortices have been created by trees drawing up underground water leading to the tree standing in both its own energy field and that of a Vortex. We will take baseline readings and then compare how these change when the trees' energy fields and lines are subjected to various stimuli, including sound. We will also investigate how these readings change during the Solar Noon transition period and the mid-afternoon transition period.

For Dowsters joining in person:

Date: Saturday 11th April 2026

Venue: Newstead Abbey, Ravenshead, Nottinghamshire NG15 8NA

Meet at the café between 10:15am and 10:30am to get to know each other and discuss what we will be dowsing today. We will aim to start dowsing in our chosen location by 11:15am. We will dowse various tree energies and then monitor them during today's Solar Noon transition period between 12:45 and 13:05. Lunch break will be from 13:15 to 14:15. You can bring a picnic or eat in the café. After lunch we will return to the same location to dowse for Capped Vortices that trees used to stand in. We will then monitor the energies that we dowsed earlier during the mid-afternoon transition period between 15:00 to 15:15. After that we can return to the café for a final cuppa and to discuss the day's dowsing.

Please bring a notebook and pen to write down your observations and send a copy of your notes to me afterwards so I can collate our findings prior to the next session. I will have some pendulum dowsing charts with me. However, if you wish to print off and laminate your own copies you will find them on my website.

For Dowsters working in different locations:

You can either join in on the same date as the Newstead Dowsters or on a different date. Please make notes of your findings with dates and times so we can compare them with what the Newstead group find. If you are working alone, you may not be able to do all the experiments, so just do what you can, focussing on what is within your experience and ability and what interests you the most. You can always repeat the dowsing another day focussing on a different aspect if you wish.

Note: Please check the time of Solar Noon in the location where you are dowsing and work with that rather than the timings given for Newstead. The exact time of Solar Noon depends on the Longitude of your location and changes over time. For example, the time of Solar Noon on the east coast of Britain is always around 20 minutes earlier than it is on the west coast. However, the time of the mid-afternoon transition period appears to be the same for all locations and always takes place between 15:00 and 15:00 BST.

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DOWSING INVESTIGATIONS FOR TREES

You may not be able to complete all the investigations in a single session, so just do what you can. We will then collate the results together to build up a bigger picture.

Part 1 – Individual Tree Energies

Locate a suitable tree, tell it what you would like to do and obtain its permission. Start by taking baseline readings of the tree's energy field and then take more readings during the experiments, noting the time that each reading was taken. Note the location of the tree, and what species it is, as we will return to it in future sessions.

Individual Tree Energy Baseline readings

These readings can be taken using dowsing tools and the pendulum dowsing charts that Mave has provided for this project or any other method that you are comfortable with.

How wide is the energy field of the tree and what shape is that field?

What colour(s) are in the tree's energy field?

What is the Bovis reading of the tree's energy field?

What % of Yin/Feminine and Yang/Masculine energy is in the tree's energy field?

What % of beneficial and non-beneficial energy is in the tree's energy field?

Is the energy field moving or static? If moving, in which direction does it move?

Does the tree's energy field have bands within it? If so, what is the shape, size, colour, Bovis, %Yin/Yang, % beneficial energy, and direction of movement of each band.

Individual Tree Energy Experiments

Ask to be shown the extent of the tree's energy field if it were not standing in a Vortex. Compare this with the size of the overall field.

Ask to be shown the extent of the Vortex were there no tree associated with it. Compare this with the size of the overall field.

Measure whether the tree's energy field expands when the Dowser(s) interact with it.

How is the energy field affected by various types of music being played to it? Try both harmonious and inharmonious music (e.g. Tim Wheater's Gayatri Mantra then Motorhead). Also experiment with singing, chanting, drumming and the playing of singing bowls and/or tuning forks if they are available.

Place a crystal next to the tree (or ask someone to stand against the trunk holding the crystal) and see if this affects the tree's energy field. Make a note of what type of crystal(s) you use as darker coloured crystals often have a different effect to lighter ones when this experiment is done with the human aura.

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Part 2 - Energy Lines connecting trees

Locate two trees that are connected by a single straight energy line and follow the line from one tree to the other. Note the location and species of both trees and whether they seem to be young or mature, as we will return to them in future sessions.

Energy Lines connecting trees - Baseline readings

These readings can be taken using dowsing tools and the pendulum dowsing charts that Mave has provided for this project or any other method that you are comfortable with.

At what height does centre of the energy line connect to the tree trunks?

Does the line run horizontally keeping to the same height above ground level?

How wide is the energy line, and is the width constant?

How high does the line extend upwards, and does any part of it extend below ground?

For the line as a whole note the width, colour(s), Bovis, % of Yin/Yang, % beneficial energy, and direction of flow.

For the central core of the line note the width, colour(s), Bovis, % of Yin/Yang, % beneficial energy, and direction of flow. Note: the core may dowse as being neutral.

Does the energy line have bands within it? If so, how many bands and do they encircle the central core of the line, or rise vertically upwards from the ground?

If you located more than one band, check the width, colour(s), Bovis, % Yin/Yang, % beneficial energy, and direction of flow of each band to see how they differ.

Use informational (yes/no) dowsing to ask if the energy line is affected by the Moon and whether its direction of flow changes at Dusk/Dawn.

How many of these lines are connected to each tree?

Energy Lines connecting trees - Experiments

Measure whether the energy line expands when the Dowser(s) interact with it.

How is the energy line between the trees affected by various types of music being played to it? Try both harmonious and inharmonious music (e.g. Tim Wheater's Gayatri Mantra then Motorhead). Also experiment with singing to the line, chanting, drumming and the playing of singing bowls and/or tuning forks if they are available.

Place a crystal in the centre of the line and see if this affects the line. Make a note of what type of crystal(s) you use as darker coloured crystals often have a different effect to lighter ones when this experiment is done with the human aura.

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Part 3 - Solar Transition Period (12:45pm to 13:05pm at Newstead)

Dowse for a suitable place for you to stand during this period. Depending on your level of sensitivity, you may choose to take readings during this period or simply stand back and get an intuitive feeling for what the energy is doing from a distance. Make a note of all your observations including feelings and impressions.

For both the tree and the energy line emanating from it, re-check the baseline readings of width, colour frequencies, Bovis, % Yin/Yang, % beneficial energy and direction of the energy flow as often as you can throughout the 20-minute transition period noting down the exact time of each observation. When the Solar Transition period has ended at 13:05 take another set of baseline readings.

Check the direction of flow of the energy vortices around the trees. Does it reverse at the start of the transition period causing the tree to dowse as being the opposite polarity to usual and go back to normal afterwards?

Check the direction of flow of the energy lines connecting the trees. Does it reverse during the transition period and go back to normal afterwards?

Check the width of the energy line between the trees? Does it increase during the transition period then revert to normal at the end?

Check the % of beneficial energy in the tree's energy field at the start and end of the Solar Noon transition period. Has it reduced?

Does the Bovis and colour frequency of the tree and energy line increase during the transition period and revert to normal at the end?

Are there any similarities between how the tree and energy lines responded to the earlier experiments with sound and crystals, and how they responded during the Solar Noon transition period?

Note: Since this is only a 20-minute window and things can change very fast, you may not be able to check everything on the list, so just do what you can and what you feel comfortable with. As the energy starts to move faster the Bovis readings and the frequency of the colour(s) within it are likely to increase so just note down whatever reading you get even if it seems irrational. If at any time you feel uncomfortable during the transition period stop dowsing and move away from the area. If you are working remotely you can repeat these experiments on different dates to gradually build up the bigger picture.

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Part 4 – Capped Vortices and Tree Energies

Dowse for a small energy vortex in open ground that Mave refers to as a “Capped Vortex”. Check that this Vortex is balanced and it is safe for you to dowse it. Start by taking baseline readings of its energy field and then take more readings during the experiments. Note the location so you can return to it again.

Use informational (yes/no) dowsing to find out if a tree once stood in this Vortex. If so, did the Vortex exist prior to the tree being there, and how many trees have previously stood in this Vortex? Was the Vortex created by the tree’s tap root drawing up water from underground?

Capped Vortices – Baseline readings

How wide is the energy field of the Vortex and what shape and size is that field? What is its colour, Bovis, %Yin/Yang and % beneficial energy.

Can you detect a central vertical core within the vortex? If so, what is its diameter?

How many spirals can you dowse within the Vortex? For each spiral check whether the energy is flowing clockwise or counterclockwise, upwards or downwards and whether it is expanding outwards or contracting inwards. For each spiral check the colour, Bovis and %Yin/Yang.

Use informational (yes/no) dowsing to find out how high the Vortex extends up into the sky, and how far it extends beneath the ground?

Use the pendulum chart to determine the % of (non) beneficial energy currently in the energy field of the Capped Vortex. Dowse back in time to see what this was 30 minutes before Solar Noon and immediately after Solar Noon. Have the proportions changed?

Note: if you are doing these experiments on a different date, be aware that the energy field of Vortices changes around the times of New and Full Moon and around the Equinoxes and Solstices. We will be exploring this in future sessions.

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Capped Vortices – Experiments

Dowse for whether it is safe for you to step into the Vortex. If you get a Yes, step into the Vortex, relax and feel your own energy connecting with that of the Vortex.

Compare how your energy feels now to how it felt before you stepped into the Vortex. Did you feel the energy of the Vortex rising up around you? Did you feel the chakras of the Vortex connecting with your own?

Do the baseline readings change when the Dowser(s) interact with the Vortex?

How is the Vortex affected by various types of music being played to it? Try both harmonious and inharmonious music (e.g. Tim Wheater's Gayatri Mantra then Motorhead.) Also experiment with singing, chanting, drumming and the playing of singing bowls and/or tuning forks if they are available.

Try standing in the Vortex when the music is being played. Relax, close your eyes and see how the energy causes your body to move in response to the music.

Place a crystal in the centre of the Vortex and see if this affects its energy field.

Note: if you are doing these experiments on a different date, be aware that the energy field of Vortices changes around the times of New and Full Moon and around the Equinoxes and Solstices. We will be exploring this in future sessions.

Part 5 – Mid Afternoon Transition Period (approx. 3pm to 3:15pm in all locations)

For both the tree and the energy line emanating from it, re-check the baseline readings of width, colour, Bovis, % Yin/Yang, % beneficial energy and direction of the energy flow throughout the 15-minute transition period noting down the exact time of each observation.

Can you still detect an energy field around the tree that we dowsed in Part 1 during this period? Has it reduced in size? Has its Bovis reading decreased? Does this return to normal at the end of this period?

Can you still detect the energy line connecting the trees that we dowsed in Part 2 during this period? Does it change at all? Does it return to normal at the end of this period?

Can you still detect the Capped Vortex that we dowsed in Part 4 during this period? Have its energies changed in any way? Do its energies return to normal at the end of this period? You can do this through dowsing or standing in the Vortex.

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APPENDIX 1 – TREE ENERGIES

Most trees have an energy field around them, similar to the human aura. Sometimes a newly planted sapling or young tree will not have this field initially, but it will develop as the tree matures. It is possible that this develops once the tree finds its own water source through its tap root and stops relying on being watered by rain from above and/or by humans.

All moving water creates an electromagnetic field, and Mave suggests that the action of a tree's tap root drawing up water from an underground water source creates such a field which then becomes the Vortex that the tree stand in.



Mave's research shows that trees often grow in existing energy Vortices, possibly because these already have a connection to an underground water source, so the dowseable energy field is a combination of that being generated by the consciousness of the tree itself and that of the Vortex in which it stands, which also has a consciousness.

As the Vortex rises up around the tree, the physical matter of the tree allows the Vortex energies to expand wider than they would if the Vortex were standing in open ground, and they take on the shape of the tree, expanding outwards further than its physical branches.

A tree's energy field will often expand when stimulated. This could be in response to an external stimulus such as sound or in response to a human being's energy field interacting with it. They can also change automatically during the Solar Noon and mid-afternoon transition periods.

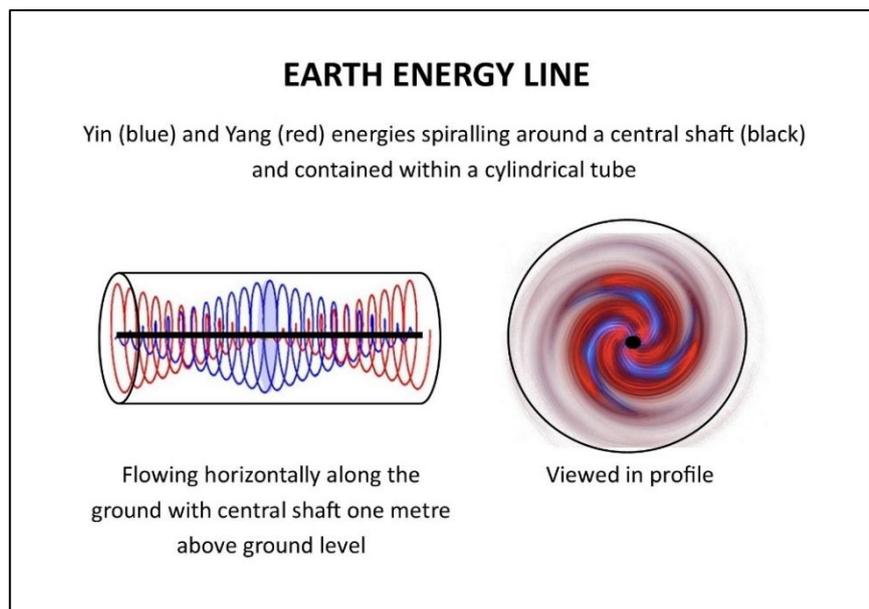
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APPENDIX 2 – LINES OF ENERGY BETWEEN TREES



Mave has found that individual trees are often connected to other trees that they have a direct line of sight to by a straight energy line (yellow line in image above) which connects to their trunks at approximately one metre or three feet above ground level. When at rest she has found that these lines are quite narrow, a bit like an electrical power cable for a household item. However, when they are stimulated, they expand. Mave's dowsing suggests that this expansion is caused by the appearance of two spirals of opposing polarity (blue and red in image above) revolving around the line like an electro-magnetic field. This stimulation can be sound-based and also takes place automatically during the Solar Transition periods. Mave has noticed that the lines between trees in a churchyard also expand during parts of a church service. This could be due to the music, hymn singing, prayers, collective energy fields of the worshippers or a combination.

The second diagram show the structure of the lines connecting trees in profile looking at the line from the side and along the line from inside it.

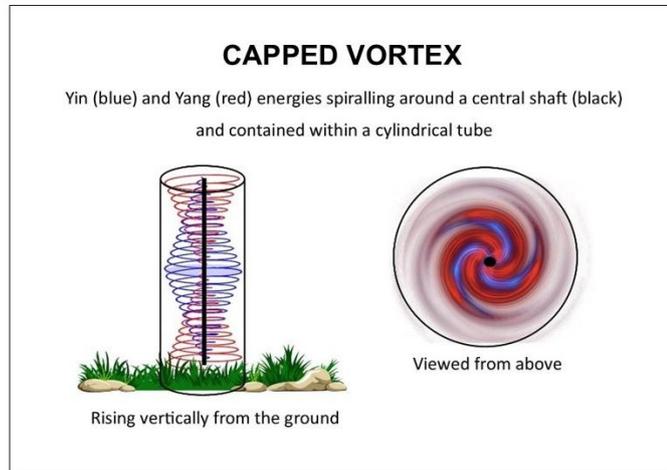


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APPENDIX 3 - CAPPED VORTICES

The smaller vortices, that Mave refers to as Capped Vortices, are often referred to by Dowsers as “Spirals” and can be “Branch Spirals” in the geodetic system.

The difference between spirals in general and a Capped Vortex is that the Capped Vortex always forms above underground water and has a central vertical core or shaft (thick black line on the diagram) around which two spirals of opposing polarity rotate (red and blue on the diagram). The whole thing is contained within a cylindrical tube which caps how far the energy can



extend. Note the similarities between these Vortices seen from the side and from above and the energy lines that connect trees look. The main difference is that the Vortices rise up vertically and the energy lines flow horizontally. In Session 7 (Landscape pentagrams) we will explore how these two features are connected.

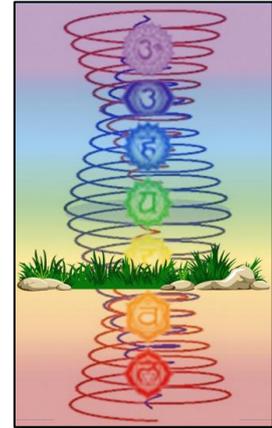
A Capped Vortex is generally around one metre in diameter when at rest but can expand when stimulated or when physical matter is in it. This includes when a tree grows in a Capped Vortex or when a human being steps into one.

The central vertical shaft core of the Capped Vortex tends to be around 2 to 5cm in diameter and seems to stabilise the vortex. The two surrounding spirals can both be dowsed but one often dowses as being more dominant than the other so the Vortex tends to be labelled as “Male” or “Female” depending on whether the Yang or Yin spiral predominates. Mave finds that when dowsed from the inside out a clockwise spiral denotes a male/positive/yang polarity and a counterclockwise spiral denotes a female/negative/yin spiral. Dowsers tend to be shown the dominant spiral by default and often need to ask to be shown the other. As one spiral is rising upwards the other will be going downwards. Similarly, as one spiral expands outwards the other will be contracting inwards. Mave refers to this as the breath of the Earth.

Capped Vortices should not be confused with Blind Springs which Mave refers to as “Infinite Vortices” because they are much more powerful and have a much wider energy field which can extend infinitely rather than being capped by a surrounding wall of energy. We will explore the energy of Blind Springs in Session 2 – Water Energies.

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Just like a human energy field, a Capped Vortex contains chakras. These serve to anchor the energy field to any physical matter, such as a tree, monument or megalith that is standing in the Vortex. This is the same as how the human chakras anchor the human etheric body to the human physical body. If someone steps into a Capped Vortex its energy field will rise up around them and merge with their own energy field. If they are sensitive enough they may be able to feel the energies of the Capped Vortex around them.



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APPENDIX 4 – SOLAR NOON TRANSITION PERIOD - TREES

The Solar Transition periods work on many levels simultaneously. In this session we are focussing on how trees and the energy moving between them in straight lines is affected during this time. In subsequent sessions we will look at how water, energy dragon currents and Beacon Trees all play a part in these transition periods.

At the start of the 20-minute period leading up to the exact time of Sunrise, Solar Noon, Sunset, New Moon, Half Moon (First and Last Quarters) and Full Moon Mave finds that the direction of flow of energy in the lines connecting trees reverses. The direction of flow of a tree's energy field also reverses during this time and a Male/Yang tree may dowse as Female/Yin and vice versa.

The lines connecting the trees become energised with two spirals of opposing polarity appearing around them as shown in Appendix 1. This happens automatically without any human generated stimuli.

The Vortices that the trees are standing in then spin very fast, which effectively cleanses and re-energises them. When this process is complete the amount of non-beneficial energy they are holding has usually dropped to near zero. Capped Vortices also spin to cleanse and re-energise themselves at this time. They do this chakra by chakra starting at the lowest and highest chakras and ending with the middle one.

The trees then send the energy that they have been accumulating into the straight lines that connect them. This energy is ultimately sent to the nearest Beacon Tree to be broadcast at the end of the Solar Transition period. We will investigate Beacon Trees and how they broadcast this energy in Session 5.

When the Solar Transition period is complete at Solar Noon the direction of flow of the energy lines connecting the trees reverses back to how it was before and the direction of flow of the Vortices that the trees are standing in also reverts back to normal.

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APPENDIX 5 – MID-AFTERNOON TRANSITION PERIOD - TREES

During a 12-minute period between 15:00 and 15:15 Mave finds that she is unable to devicelessly dowse the electromagnetic aspects of Capped Vortices and Earth Energy Dragon lines. Her dowsing suggests that they go underground to a layer 2 or 3 metres before ground level during this time.

Their Bovis readings drop very rapidly at the start of this period and then surge back up at the end. During this period Mave finds the Bovis readings to be 2.000ub consistent with those taken at overnight when the Vortices and energy lines are in a rest state before they surge back into life at the time of local Civil Dawn, which is prior to Sunrise, with the exact time between the two events varying depending on the location and time of year.

During the mid-afternoon transition period Mave can still dowse the straight energy lines that connect trees together, However, she finds that the energy fields of the trees themselves have contracted and are not as wide as before. It appears that the energies of the Vortex that the tree stands in have gone to ground but the energy field created by the consciousness of the tree still remains above ground hence an energy field still being detectable but reduced in size.

When the mid-afternoon period ends just before 15:15 the width of the tree's energy field immediately returns to normal.

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APPENDIX 6 - LINKS TO MAVE CALVERT'S RESEARCH ARTICLES & VIDEOS

One of the aims of this research project is to investigate Mave Calvert's ideas about how the energies of trees, water, earth energies, blind spring networks and landscape pentagrams are interconnected, and how they are all affected by the Solar Noon and mid-afternoon transition periods as well as sound-based stimuli. We will try to prove or disprove some of these ideas and hopefully find other things as well.

Below are several links to articles on Mave's Sherwood Dowser website and a video on the BSD YouTube channel that give an overview of her ideas and research.

★ This article, originally published in the BSD's Dowsing Today journal, talks about the energy lines that Mave has found connecting trees and how they behave when a church service is in progress, when she has played music to them and when she observed them during the Solar Noon transition period:

[14. THE OLD STRAIGHT BEACON TREE TRACKS | The Sherwood Dowser](#)

★ This article is a transcription of a talk given to the Dowsing Research group in November 2025. It gives an overview of what Mave has found to happen with trees and earth energies during the Solar Transition period and the mid-afternoon transition period:

[15. THE SOLAR TRANSITION EFFECT | The Sherwood Dowser](#)

★ In December 2025 Mave spoke about her passion for Capped Vortices to Alex Russell-Stoneham (Co-chair of the Tamar Dowzers and a member of the Earth Energies Zoom team) on the Discovering Dowsing podcast:

[The Breath of the Earth – Deviceless Dowsing, Vortices & the Living Landscape](#)

★ This Video on the BSD YouTube channel is the third in a series of three entitled "The Landscape Speaks." It outlines Mave's ideas about blind spring networks involve trees, earth energy vortices, energy dragon lines, and underground water working in tandem:

[THE LANDSCAPE SPEAKS PART 3 - Elementals in the Landscape](#)