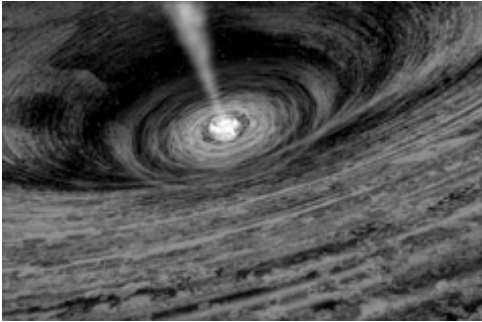
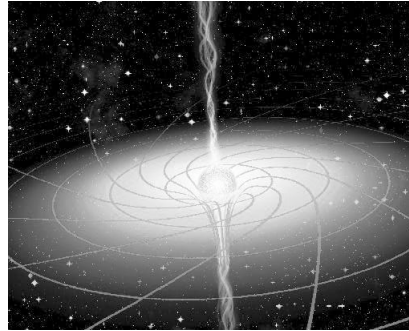


Probe Result



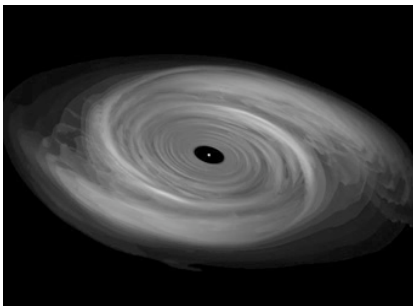
Our probe is interested in the hot gas spiraling around the black hole. The gas reaches millions of degrees. At these temperatures, a gas isn't red hot, or white hot, but X-ray hot!

Probe Result



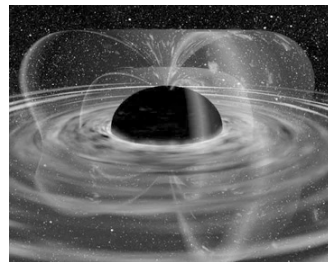
Our probe says that this is only the twelfth black hole to be discovered in our galaxy, but there may be another million waiting to be found, so we need to hurry up!

Probe Result



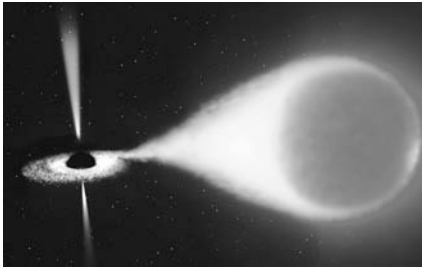
Our probe found out that the black hole is very very dense. Our probe also told us that we could make the Earth into a black hole too, if we squeezed it down to the size of a marble!

Probe Result



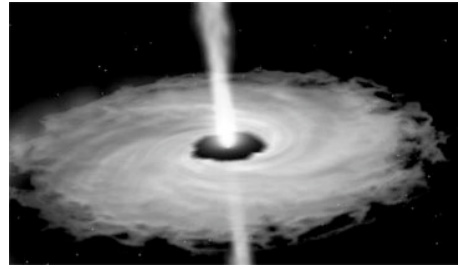
Our probe has just weighed the black hole. It has calculated that the black hole has more mass than ten Suns put together, all squeezed into a volume the size of a city!

Probe Result



Our probe says we were lucky to have found this black hole. If it weren't for the supply of gas from the companion star feeding the black hole, there would be no glowing disc, nor any jets. The black hole would be invisible.

Probe Result



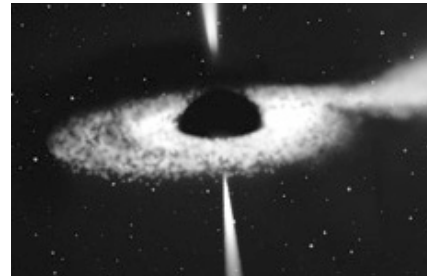
Our space probe refuses to fly into the black hole. It says the laws of physics don't work at the center of a black hole, and it will probably be crushed out of existence!

Probe Result



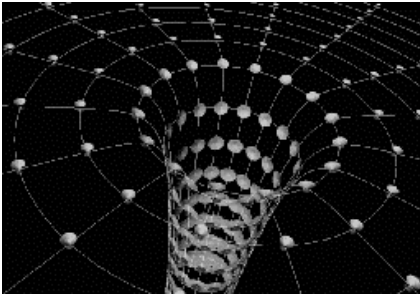
Our probe confirms that this black hole was made millions of years ago, and is all that is left of a giant star that died in a huge explosion called a supernova.

Probe Result



Our probe has just told us that the black hole is like the ghost of a star. In fact, a black hole isn't made of anything except gravity!

Probe Result



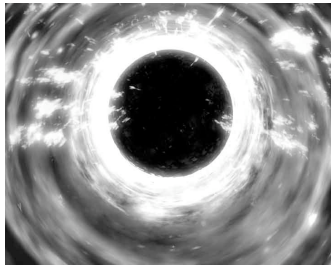
Our probe thinks this black hole may be a gateway, or wormhole, into another part of our universe, or even to a different universe altogether. It says we can risk the journey, if we don't mind being torn, melted and squashed out of existence.

Probe Result



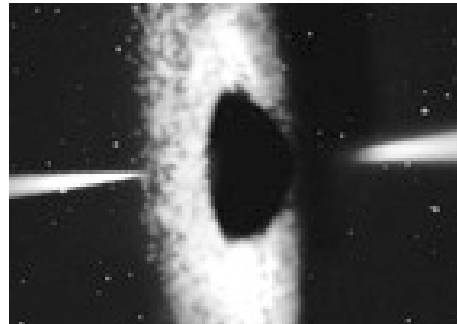
Our probe says that the black hole doesn't have a surface – you can't land on it. The black ball we see is simply a boundary – like an open doorway into a pitch black room. But once the probe enters the black hole, it cannot ever turn around and come back out!

Probe Result



We watched our probe reach the black hole but we'll never see it enter. Because gravity slows time, our probe appeared to move slower and slower and then froze at the moment it touched the black hole. Its frozen image will just keep getting fainter and redder for the rest of time!

Probe Result



Our probe has studied the powerful jets of gas shooting away from the black hole at almost the speed of light! They are generated just outside the black hole by the huge magnetic fields.