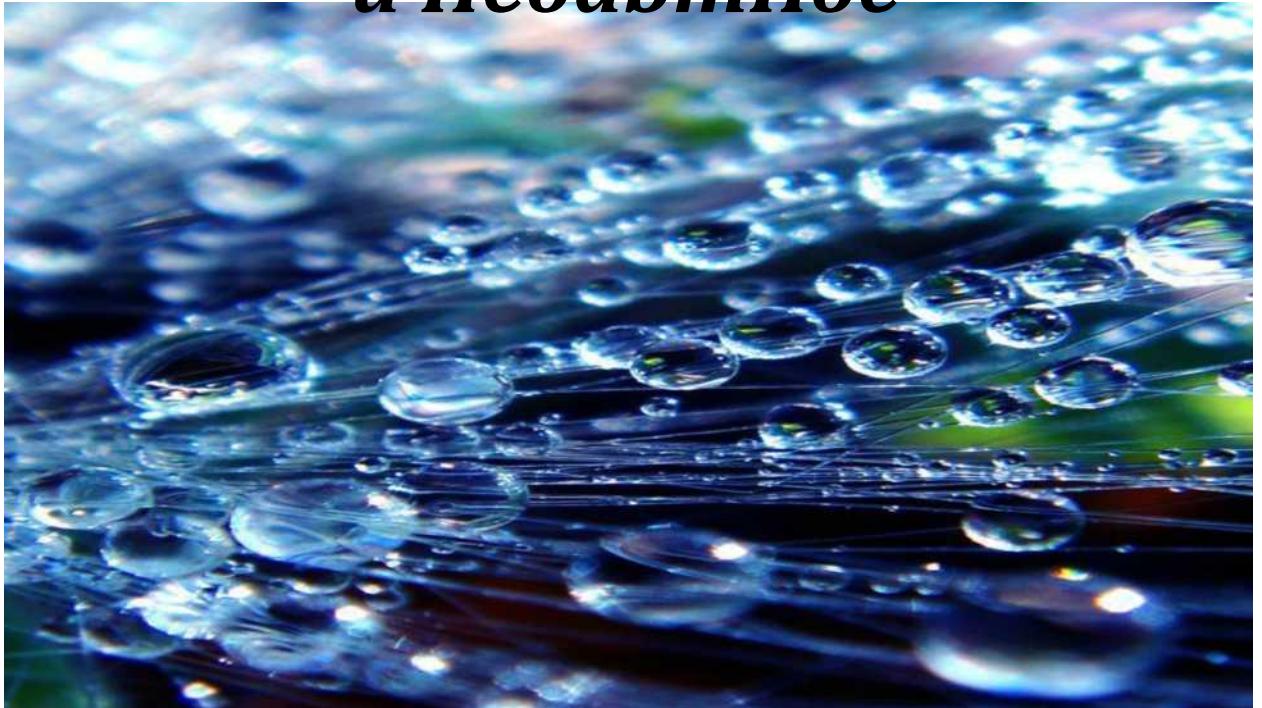


MyH^Hna^bHoe Srog^eTHoe o6^eo6pa30BaTe^bHoe ynpe^geHHe  
"CpegHHH o6^eo6pa30BaTe^bHaH wbo.ia n. BHTHM"

*Boda -*

*ee^ecmeo npuebmHoe*

*u HeodbmHoe*



**Ра6оTy BMno^HHna:  
yneHH^ 8 «A» Kaacca  
nogoaaH noaHNa**

**Bofla - Be<sup>u</sup>ecTBO, 6e3 KOToporo  
>KM3Hb Ha He<sup>u</sup>3 Mo<sup>u</sup>jaKha no MMGHH  
3eM/m.**



Boga - ogHo U3 caMHx pacnprocraHeHHwx Be<sup>u</sup>ecra B npupoge (rugpoc<sup>u</sup>epa 3aHUMaeT 71 % noBepxHocru 3eMau). Boge npuHagae<sup>u</sup>T Ba<sup>u</sup>Heamaa poab B reoaoruu, ucropuu naaHeTw. Ee3 Bogw HeBo3Mo\*Ho cy<sup>u</sup>ecraoBaHue \*HBUX oprahU3MoB. Hu gaa Koro He ceKpeT, HTO aeaoBeK COCTOUT Ha 80% U3 Bogw. ^TO 3ByauT yguBureabHo, HO ^TO TaK. PacnpegeaeHa Boga B oprahU3Me HepaBHoMepHo. Eoabme Bcero Bogw cogep<sup>u</sup>T Mo3r aeaoBeKa — OH COCTOUT U3 Bogw Ha 95%, KpoBb — Ha 82% u aerKue — Ha 90%. npaKTuaecKu Bce 6uoxtMuaecKue pea<sup>u</sup>uu B Ka<sup>u</sup>gon \*UBOH KaeTKe - ^TO pea<sup>u</sup>uu B BogHwx pacTBopax. B pacTBopax \*e (npeHMy<sup>u</sup>ecraeHHo BogHwx) npoTeKaeT 6oabmuHcTBo TexHoaoruaecKux npo<sup>u</sup>ccob Ha npegnpuatUax xuMuaecKoH npoMwmaeHHocru, B npou3BogcTBe aeKapcTBeeHHwx npenapaToB u nu<sup>u</sup>eBbix npogyKToB. H B MeTaaaypruu Boga ape3BwaaHHo Ba<sup>u</sup>Ha, npuaeM He ToabKo gaa oxaa<sup>u</sup>geHua. He cayaHHo rugpoMeTaaayprua - u3BaeaeHue MeTaaaoB u3 pyg u KoH<sup>u</sup>mpaTOB c noMo<sup>u</sup>bK pacTBopoB pa3auHHwx peareHToB - craaa Ba<sup>u</sup>Hoa oTpacabK npoMwmaeHHocru.

«Bo BceM Mupe HeT Huaero 6oaee MarKoro u nogaTauBoro, aeM Boga. Ho oHa ToauT TBepgoe u KpenKoe. HHKTO He Mo<sup>u</sup>eT ee ogoaeTb, xoTa aro6oa Mo<sup>u</sup>eT ee nobeguTb. nogaTauBoe nobe<sup>u</sup>gaet KpenKoe. MarKoe ogoaeBaeT TBepgoe. Bce ^TO 3HaKT, HO HHKTO He ocMeuBaeTca geacTBBoBaTb TaK», - nucaa o Boge 6oaee gByx c noaoBUHoa TwcaaeaeTua Ha3ag KUTaackua \$uaoco\$ Hao-^w.

YaeHwe a6coarorao npaBw: HeT Ha 3eMae Be<sup>u</sup>ecraa, 6oaee Ba<sup>u</sup>Horo gaa Hac, aeM o6wKHoBeHHa Boga, u B To<sup>u</sup>e BpeMa He cy<sup>u</sup>ecrayeT gpyroro TaKoro Be<sup>u</sup>ecraa, B cBoacraax KoToporo 6wao 6w croabKo npoTUBopeaua u aHoMaaua, cKoabKo B ee cBoacraax.

# Bo^a BemecTBO o6biHhoe MJIM

richtM % noBepHOCTM Hanzen nnaHeTbi  
SaHHTO OkeaHaMM HMOpaMM. TBepfIOM  
BOflOM —  
**CHeroM H nbflOM — noKpbuo 20% CyillM. OT**  
BOflbl 33BHCHT KJIMMaT nnaHeTbi.  
reocpn3m<n yTBep>KqaKDT, MTO 3eMnn  
ABBHO 6bi octBina H npeBpamnacb B  
6e3>KM3HeHHbm KyCOK K3MHH, ecjin  
6bi He BO,qa, y Hee oneHb SonbLuan  
TennoeMKOCTb. HarpeBancb, OHa  
nornou^aeT Tenno; octBibi, OT, qaeT ero.  
3eMHan BO,qa H nornou^aeT, H  
B03BpamaeT MHOTO Tenna H TeM  
caMbiM "BbipaBHHBaeT" KnmviaT.  
OT KOCMHneKoro xonofla npefloxpahneT  
3eivmio Te MoneKynbi BOflbi, KOTopbie  
pacceHbi B atMOCCjDepe-o6naKa H napbi

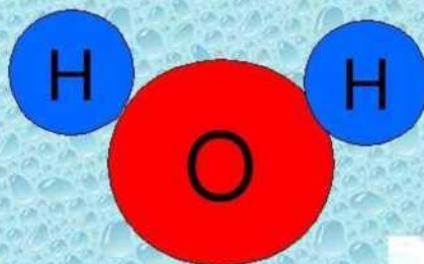


# «naMHTb» BOgbl

# Boga - nojyiMHhoe nygo

## nprupoqbi.

# • СТроеHne MoneKynbi BOflbi.



ОHa COCTOMT M3 ABYX aTOMOB BOflOpOAA M  
ОAHorO aTOMa KMcnopoAa.



**Boga Bra3006pa3HOM** соct  
on HUM

Y 3eM/iM ecTh cnpolUHan «BofHa»

060/ЮМКа

*rnapoccnpnq.*

КОТОРЫЕ обладают.

### **HaXOA^LilpBCB B Tpx**

#### **СОСТОЯНИЕ**

BOAR В ТВОРЧЕСТВЕ СОСТОЯНИИ

PemreHOBCKHH aHanu3 crpyKTypw Bogw noKa3an, HTO \*ugKaa Boga 6nu\*e no CBoen CTpyKType K TBepgwM TenaM, a He K ra3aM, nocKonbKy B pa3Me^eHuu MoneKyn Bogw aBHo nprocne^uBanacb HeKoTopaa perynapHocrb - 6nu\*HuM nopagoK, xapaKTepHHH gna TBepgwx Ten. ^TOT 6nu\*HuM nopagoK, npuHaTo onucwBaTb TaKuM noHaTueM KaK MuKpoKnacrepw, KOTOPWMU Ha3wBaroT Небонбмие ycroHHuBwe coBoKynHocru MoneKyn Bogw. npu ^TOM yHeHwe Bwachunu, HTO y Bogw, nonyHeHHon, K npuMepy, B pe3ynbTaTe TaaHua nbga u y Bogw, nonyHeHHon nyreM KOHgeHca^uu napa, CTpyKTypa 6nu\*Hero nopagKa 6ygeT pa3nuHHaa - ux MuKpoKnacrepw 6ygyT uMeTb pa3Hoe CTpoeHue. OnwT noKa3WBaeT, HTO Ha \*uBwe oprahU3Mw 6naroTBopHoe BnuaHue oKa3WBaeT uMeHHo Tanaa Boga.

CTpyKTypHwe pa3nuHua Bogw coxpaHaroTca B TeHeHue onpegeneHHoro BpeMeHu, HTO no3Bonuno yHeHWM roBopuTb o ZaragoHHoM MexaHU3Me "naMaTu" ^TOH yguBUTenbHon ^ugKocru. He BW3WBaeT coMHeHue TOT \$aKT, HTO Boga HeKoTopoe BpeMa "noMHuT" ocy^ecraneHHoe Ha Hee \$u3uHecKoe Bo3geMcTBue, u ^Ta "3anucaHHaa" B Boge uH\$opMa^ua oKa3WBaeT BnuaHue Ha \*uBwe oprahU3Mw, B TOM Hucne Ha HenoBeKa. Begb, KaK y\*e roBopunocb, B cocTaB Tena nro6oro oprahU3Ma Boga BxoguT B BeCbMa 3HaHuTenbHwx KonuHecTBax. HTaK, Boga cnoco6Ha coxpaHaTb B CBoen "naMaTu" pa3Hoo6pa3Hwe \$u3uHecKue Bo3gencTBua - ^TO MO\*HO CHuTaTb y\*e HayHho goKa3aHHwM \$aKToM. Ho ^TO yguBuTenbHoe CBOHCTBO Bogw oHeHb 6nu3Ko K ToMy, HeM HayKa y\*e He 3aHuMaeTca, HO HTO u3BecTHo u3 onwTa gyxoBHOn \*u3Hu HenoBeHecTBa: Boga Mo\*eT 6wTb "xpaHuTenbHu^H" u gyxoBHwx Bo3geHCTBuH. YHCHWX oHeHb 3auHTepocoBano ^TO CBOHCTBO Bogw u OHU pemunu npoBecTu uccnegoBaHue - KaK BnuaeT Ha 3gopoBbe peHb, HanonHeHHaa HenpunuHHwMu BwpA^eHuaMu, HenpucroHHwMu cnoBaMu, 6raHbro.

nog gencTBueM 3ByKoB, B TOM Hucne u HenoBeHecKon peHu, MoneKynw Bogw (a Hame Teno npuMepHo Ha 80% COCTOUT u3 Hee) HaHuHaroT BwcTpauBaTbca B cno^Hwe crpyKTypw. H B 3aBucuMocTu OT puTMa u CMWCHOBOH Harpy3Ku ^Tu crpyKTypw MoryT neHuTb, u HaoboroT, oTpaBnaTb oprahU3M.

B 20-M BeKe anoHcKun yHeHwn Macapy ^MOTO HayHho goKa3an, HTO Boga He TonbKo BocnpuHuMaeT uH\$opMa^uro, HO Mo\*eT MeHaTbca nog Bo3geHcTBueM snoBa u ga\*e Mwcnu. С noMo^bro HoBenmero оборугоBaHua OH cMor 3aMopo3uTb u с^оJопаcтруKТpBpBaHua МeKиHе MтбнcкMоH рoзeсcoрoM MoeKиHаnHаM ЕJ1 EM уpoBHe, ero nopa3uno. Ha \$MACAPyB MOTO BpOBaTbca & TBMMIA pa3Hon \$opMw u HeTKocru, c Buggy oHeHb noxoBoeAYaCJHOBQMkHYBCTBOM, MbIC/lbK).



BoflA, KOTOPOH riEJIM BoflA, KOTOPOA TOBOPM/IM BoflA, KOTOPOA rOBOPMJIA

BYAAMMCKME MOJIMTBbl «BnAfOAApk) TEBfl!» «HEHABM>Ky TEBfl!»



«CBflTAfl» BOAA M3 BoflA, KOTOPOA roBOPAHM XPMCTMAHCKOM I4EPKBM «f| JHOBAK) TEBfl!»

TAJIAA BOAA

npoucxo^geHue ^TO^o caoBa yxoguT CBOUMU KopHaMu ray6oKO В ucropuro npoucxo^geHua pyccKoro a3biKa. Bepoaraee Bcero, OHО обра3OBaHO OT npacaaBaHcKoro \*voda. OHО, В cBoro onepegb, BocxoguT K npauHgoeBponeMcKOMy KopHro \*wed, KOTOpbiM o6o3Hanaa Bogy KaK HeogymeBaeHHyro Baary, ^ugKOCTb. OT ^TO^o KopHa обра3OBaaocb caoBO "Boga" BO MHorux a3biKax Mupa:

- В 6eaopyccKOM - Baga,
- В сербcKOM и 6oarapcKOM - Boga,
- В caoBa^OM и nemcKOM - voda,
- В no^bCKOM - woda,
- В aHrauMcKOM - water и TaK gaaee.

BOT noneMy Bogy Ha3Baau BogoM. В noсаegcraue OT ^TO^o KopHa обра3OBaaocb MHO^ecrao caoB. ^a и B Hamu gHu caoBO "Boga" и ero npou3BogHbie nocroaHHO y Bсex Ha cayxy.

## Свойства воды

1. Bo/ja npo3paHHafl.
2. Bo,a,a беси,BeTHaH.
3. Bo^a He HMeeT 3anaxa.
4. Bo/j,a npn HarpeBaHHH pacuinprHeTCH.
5. Bo,zi,a npn oxjian^eHHH c>KHMaetCH.
6. Bo^a pacTBopneT co/ib H saxap.
7. Boj\ a He pacTBopaeT Men H 3eM/no.
8. Bo,n,a OHhi^aeTca с noMon^bio ^HHbTpa
9. Bo,zi,a - TeKyna.

# СВОИСТВА ВОАБІ

• Boga nBJineTCH yHHBepca^bHbiM pacTBopHTejieM g/in  
no;rapHbix BemecTB.  
• Boga o6./iagaeT 6ojibHioH  
• Boga HМжкб'cfuiyio Ten^oTy HcnapeHHH; 3TO  
Hcnojibajf'GTCH nop TepMoperyjiHu,HH y  
JKHBOTHWX (noTooT^ejieHHe)  
• O y Bo^bi 6ojibuiiaH Ten^oTa^niiabJieHHH  
• C/naoTHocTb ./ib^a MeHbiue njioTHOCTH Bogbi, noaTOMy OH  
He TOHeT  
• 3HaHHTe/ibHoe noBepxHGCTHoe HaTH>KeHHe nrpaet \*  
Ba>KHyio pojib npn ABHHCCHHH Bo/ibi no KannnnnpaM  
OpraHH3MOB  
• G Bo^a HBJineTxn He(f6xoAHMbiM KOMHOHCTOM  
MeTa6o^HHeckHx peakU,HH

## МHTepecHbie ^aKTu o Boge

HenoBeK 6e3 Bogw Mo\*eT npo^uTb He 6onee 5 gHeH.

Ham opraHH3M COCTOUT u3 Bogw 6onee aeM Ha 70%.

TeopeTuaecKu, ecnu 6w pacraanu Bee negHuKu Ha nnaHeTe, ypoBeHb Bogw nogHanca 6w 6onee aeM  
Ha 60 M. H3-3a ^TO^o 3aTonneHHwMu oKa3anucb 6w 15% cymu.

B cpegHeM Ka^gwM aenoBeK e^erogHO noTребнает приблизительно 60 ТОНН Bogw.

E^e co mKonw Bee 3HaroT, HTO y Bogw ecTb 3 arperaTHwx cocroaHua: \*ugKoe, TBepgoe u  
ra3oo6pa3Hoe. OgHaKo yaeHwe BwggenaroT 5 pa3nuHHwx cocroaHuH Bogw B \*ugKoM Buge u 14  
cocroaHuH B 3aMep3meM Buge.

CornacHo uccnegoBaHuaM, Boga ycnemHo norno^aeT uH^paKpacHyro pagua^uro.

Ha gaHHWH MoMeHT, Ha HameH nnaHeTe oKono 1 Munnuapga nrogeH numeHw BO3MO\*HOCTU  
nuTb aucryro Bogy. TonbKo 3a nocnegHue 50 neT u3-3a npaBa gocTyna K Boge, B Mupe npou3omno  
6onbme 20 BoeHHwx KOH^UKTOB.

HecMoTpa Ha TO, HTO 3eMna 6onee aeM Ha 70% noKpwTa BogoH, numb 1% aBnaeTca npecHoH.

KpynHeHmuM BogoeMoM npecHoH Bogw aBnaeTca o3epo EaHKan, HTO B Poccuu.

C geTcTBa MW cnwmuM o TOM, HTO cnegyeT ^KOHOMUTb Bogy. H ^TO npaBunbHo, Begb caMaa  
ToHKaa cTpya npuBoguT K noTepe go 1000 n Bogw e^egHeBHo.

CHer cnoco6eH oTpa^aTb nyHu CBeTa Ha 75%, a Boga nnmb Ha 5%. HMeHHO ^o^TOMy cHe^Hwe HOHU TaKue cBernwe.

YH6HWM yganocb goKa3aTb, HTO Boga uMeeT cnoco6Hocrb 3anoMuHaTb uH\$opMa^uro.

Megy3w Ha 99% cocroaT u3 Bogw.

B oKeaHax Boga uMeeT CUUH oTTeHoK u3-3a pacceaHHoro noToKa CBera.

Ka^gwM rog ucnapaeTca 1 TpunneduoH TOHH Bogw. ^TO Hucno BwrnaguT, KaK eguHu^ c 12 HynaMu.

B A3ep6aMg\*aHe cy^ecrayeT pa3HoBugHocrb Bogw, KoTopaa Mo\*eT BocnnaMeHaTbca. ^To npoucxoguT u3-3a Toro, HTO B ee cocraBe cogep^urca MHoro MeTaHa.

no gaHHWM roHECKO, caMaa Hucraa Boga Haxogurca B OuHnaHguu.

B AHTapKTuge o6Hapy\*eHo o3ero, KoTopoe He 3aMep3aeT ga\*e npu TeMnepaType - 50 rpagycoB. A Bce u3-3a Toro, HTO B HEM cnumKoM MHoro conu.

B An^upe cy^ecrayeT o3epo, Bogy KoToporo MO\*HO ucnonb3oBaTb B KaHecTBe nucbMeHHwx HepHun.

npu MHHyc 120 rpagycax no ^nbcuro Boga craHoBuTca cBepxBa3KoH unu TaryHeH, a npu TeMnepaType Hu^e MuHyc 135 rpagycoB oHa npeBpa^aeTca B "creKnaHHyro" Bogy. "CreKnaHHaa" Boga - ^TO TBepgoe Be^ecrao, B KOTOPOM oTcyTcTBByeT KpucrannuHecKaa cTpyKTypa, KaK B creKne.

Boga He TonbKo gapur \*u3Hb, HO Mo\*eT u oTHuMaTb ee. 85% Bcex 3a6oneBaHuM B Mupe nepegaetca c noMo^bro Bogw. E^erogHo 25 MnH HenoBeK yMupaeT OT ^Tux 3a6oneBaHuM.

Boga Mo\*eT 6wTb 6ecnnaTHoM, a Mo\*eT 6wTb u oHeHb goporoM. CaMaa gopora B Mupe Boga npogaeTca B Hoc-AHg^enece. npou3BoguTenu ynaKoBWBaroT gparo^HHyro ^ugKocrb co c6anaHcupoBaHHWM BKycoM B 6yTwnKu co crpa3aMu "Swarovski". CTOUT TaKaa Boga 90 \$ 3a 1 n.

Begpa gna Bogw u3roTaBnuBaroT B \$opMe KoHyca gna Toro, HTO6W ux He pa3opBano npu cnyHaHHoM 3aMep3aHuu Bogw.

^na npou3BogcTBa 1 TOHHW cTanu Tpe6yeTca 300 TOHH Bogw.

YHeHbie cHuTaroT, HTO MUPOBOH oKeaH u3yHeH TonbKo Ha 2-7%.

^peBecHoe pacTeHue ^BKanu^T B cyTKu norno^aeT u3 noHBw u ucnapaeT 320 n Bnaru.

CKanucraa 6enKa Mo\*eT \*uTb 6e3 Bogw go 100 gHeH.

HTaK, MW y3Hanu, HTO Boga - npuBwHHoe, HO B TO \*e BpeMa Heo6wHHoe Be^ecrao, nog BnacTbro KOTOPOH HaxoguTca Bca nnaHeTa: oHa ^opMupyeT KnuMaT, aBnaeTca cpegoH o6uTaHua gna pa3nuHHwx cy^ecra, noggep^uBaeT \*u3HegeaTenbHocrb nyreM nepeHoca ^Hep^uu u nuTaTenbHwx Be^ecTB no BceMy Teny optraHu3Ma, 3a^u^aeT Hac, nrogeM, u ^UBOTHWX OT KocMuHecKoro xonoga, nocToaHHo perynupyeT KpyroBopoT Be^ecTB u ^Hep^uu u ^TOT cnucoK MO\*HO npogon^aTb u npogon^aTb. H a xoHy cKa3aTb, HTO Boga Ba^HeMmee Be^ecrao Ha 3eMne, 6e3 KOTOPOH HeBo3Mo\*Ha \*u3Hb.