

WMAP Cosmological Parameters

Model: lcdm+mnu

Data: wmap9+spt+act+h0

$10^9 \Delta_{\mathcal{R}}^2$	2.390 ± 0.081	H_0	70.6 ± 1.7 km/s/Mpc
$A_{\text{clustered}}$	< 11 (95% CL)	$A_{\text{Poisson}}^{\text{ACT}}$	14.8 ± 2.4
$A_{\text{Poisson}}^{\text{SPT}}$	> 16 (95% CL)	$\ell(\ell+1)C_{220}/(2\pi)$	$5758_{-34}^{+33} \mu\text{K}^2$
$d_A(z_{\text{eq}})$	14278_{-87}^{+83} Mpc	$d_A(z_*)$	14114_{-88}^{+84} Mpc
$D_v(z=0.57)/r_s(z_d)$	13.12 ± 0.23	η	$(6.138_{-0.099}^{+0.097}) \times 10^{-10}$
k_{eq}	$0.00968_{-0.00022}^{+0.00023}$	ℓ_{eq}	$136.5_{-2.3}^{+2.5}$
ℓ_*	$301.87_{-0.41}^{+0.42}$	$\sum m_\nu$	< 0.35 eV (95% CL)
n_b	$(2.521_{-0.041}^{+0.040}) \times 10^{-7} \text{ cm}^{-3}$	n_s	$0.9699_{-0.0089}^{+0.0088}$
Ω_b	0.0451 ± 0.0020	$\Omega_b h^2$	$0.02245_{-0.00036}^{+0.00035}$
Ω_c	0.221 ± 0.016	$\Omega_c h^2$	$0.1101_{-0.0030}^{+0.0032}$
Ω_Λ	0.731 ± 0.019	Ω_m	0.269 ± 0.019
$\Omega_m h^2$	0.1339 ± 0.0033	$\Omega_\nu h^2$	< 0.0037 (95% CL)
$r_s(z_d)$	153.52 ± 0.93 Mpc	$r_s(z_d)/D_v(z=0.106)$	$0.3516_{-0.0092}^{+0.0091}$
$r_s(z_d)/D_v(z=0.2)$	0.1917 ± 0.0046	$r_s(z_d)/D_v(z=0.35)$	0.1150 ± 0.0025
$r_s(z_d)/D_v(z=0.44)$	0.0944 ± 0.0019	$r_s(z_d)/D_v(z=0.54)$	0.0796 ± 0.0015
$r_s(z_d)/D_v(z=0.57)$	0.0762 ± 0.0014	$r_s(z_d)/D_v(z=0.6)$	0.0732 ± 0.0013
$r_s(z_d)/D_v(z=0.73)$	$0.06300_{-0.00099}^{+0.00098}$	$r_s(z_*)$	$146.88_{-0.85}^{+0.84}$
R	1.723 ± 0.012	σ_8	$0.774_{-0.028}^{+0.027}$
$\sigma_8 \Omega_m^{0.5}$	0.401 ± 0.020	$\sigma_8 \Omega_m^{0.6}$	0.352 ± 0.019
A_{SZ}	< 1.1 (95% CL)	t_0	$13.761_{-0.089}^{+0.088}$ Gyr
τ	0.088 ± 0.013	θ_*	$0.010407_{-0.000015}^{+0.000014}$
θ_*	$0.59628_{-0.00083}^{+0.00082} \text{ }^\circ$	τ_{rec}	285.9 ± 1.7
t_{reion}	459_{-61}^{+60} Myr	t_*	379682_{-3004}^{+2829} yr
z_d	$1019.92_{-0.84}^{+0.81}$	z_{eq}	3173_{-71}^{+75}
z_{rec}	$1088.10_{-0.61}^{+0.62}$	z_{reion}	10.6 ± 1.0
z_*	$1090.89_{-0.63}^{+0.58}$		